LINCOLN ELECTRIC

2026 Equipment Catalog

WELDING & CUTTING SOLUTIONS




L-56
LINCOLN ELECTRIC

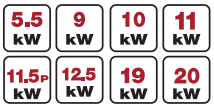


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Output Icons

Auxiliary power output



Air Pressure and Flow



2-Roll Wire Feeder



4-Roll Wire Feeder



Alternating current welding output



For constant current stick and TIG processes



For constant voltage MIG, flux-cored and subarc processes



For multiprocess constant current or constant voltage applications



Direct current welding output



Alternating or direct current welding output



Battery powered



Input Icons

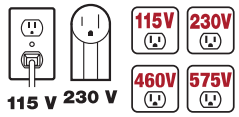
Input Power Voltage



Input Power



Input Voltage



Engine Driven: Diesel, Gas or LPG



Input Power



CrossLinc®



Warranty Commitment

INDUSTRY LEADING 5-YEAR STANDARD WARRANTY

2YEAR EXTENDED WARRANTY

ISO 9001:2008 14001:2004

CSA C US

Product Warranty

You have a right to expect that the welding and cutting equipment, electrode and flux you purchase will be free of defects in workmanship and material. Standing behind the high quality of our products, Lincoln Electric's warranty commitment to its customers leads the industry in breadth and scope.

For example, our limited warranty extends to 7 Years on many of our main power rectifiers. With few exceptions, all industrial welders and power sources carry a full 3 Year Lincoln Electric warranty. Electrode, wire and flux are warranted for 1 full year, as are environmental systems.

Extended Warranty Available

If you choose, you can extend the duration of the Lincoln Electric warranty on your Lincoln Electric industrial welder and cutting machines by two years with the Lincoln Electric Extended Warranty. Available only in the United States and Canada. Visit our web site for more information.

Quality Systems

Choose welding suppliers wisely. Look for third party certifications on the companies and products you select. In fact, some of your projects or customers may require it. Many Lincoln Electric manufacturing sites have been inspected and registered to the world's ISO standards. Lincoln Electric was the first welding manufacturer to be registered to the tough ISO 9001 and 14001 standards.

However, there's more. Equipment destined for harsh environments are often tested to IP21, IP23 and IP23S standards. Products intended for the Canadian market meet stringent CSA (Canadian Standards Association) standards. Electrode is tested to comply with AWS (American Welding Society) and often ASME Boiler Pressure codes, ABS (American Bureau of Shipping), CWB/CSA (Canadian Welding Bureau) and MIL qualifications. Certificates of Conformance are available at our web site.

Operator Manuals and Replacement Parts Lists

Service Navigator - Electronic Parts Catalog

Quickly navigate to service documentation for a particular machine by utilizing the code number filter. Accessing all of the product information you need is just a click away - operator's manuals, parts lists and more at **parts.lincolnelectric.com**.

CUSTOMER ASSISTANCE POLICY

The business of Lincoln Electric is manufacturing and selling high quality welding equipment, automated welding systems, consumables, cutting equipment and EV charging systems. Our challenge is to meet the needs of our customers, who are experts in their fields, and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or technical information about their use of our products. Our employees respond to inquiries to the best of their ability based on information and specifications provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment, or to provide engineering advice in relation to a specific situation or application. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or communications. Moreover, the provision of such information or technical information does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or technical information, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose or any other equivalent or similar warranty is specifically disclaimed.

Lincoln Electric is a responsive manufacturer, but the definition of specifications, and the selection and use of specific products sold by Lincoln Electric is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric affect the results obtained in applying these types of fabrication methods and service requirements.

Subject to Change – This information is accurate to the best of our knowledge at the time of printing. Please refer to www.lincolnelectric.com for any updated information.

Availability and/or specifications of products listed in this catalog are subject to change at any time without notice.



STICK WELDERS

MODEL	OUTPUT			PROCESS				INPUT		FEATURES					
	Mode	Polarity	Current Range (Amps)	Stick	High Frequency TIG	Touch Start TIG®	Pulsed TIG	Phase	Hertz	Compact	115/230 Volt Auto-Sensing	Hot Start	Arc Force	Meters	Polarity Switch
Sprinter™ 180Si	CC	DC	5-200	●	●	●	●	1	60	•	•	•	•	•	
Invertec® V276	CC	DC	20-275 DC	●		●		1/3	50/60	•		•	•	•	

KEY: ● Excellent ◒ Good • Optional

Sprinter™ 180Si

Portable. Versatile. Powerful.

- A lightweight inverter welder ideal for beginners. It is capable of DC Stick and DC TIG applications
- 120V and 230V inputs so you can plug into any common power supply
- A crisp arc allows for greater welding versatility and superior performance on E6010 and E6011 electrodes, while a soft arc allows for dependable E7018 arc starting
- The pulsed TIG mode provides heat management and enhanced control when making a thin, precise weld
- Weighs under 20 lbs. (9.07 kg) and is easy to carry with its ergonomic handle or included shoulder strap



Processes
- DC Stick
- DC TIG

Output

CC DC

Input

1 PHASE 60 Hz

Literature
E2.203

Product Name	Product Number	Input Power	Rated Output Current/Voltage/ Duty Cycle	Input Current @ Rated Output	Output Range	Open Circuit Voltage (OCV)	H x W x D in (mm)	Net Wt lb (kg)
Sprinter™ 180Si	K5453-1	120/230/1/60	110A/14.6V/40% TIG 85A/23.2V/40% STICK 200A/16.4V/25% TIG 180A/26.4V/25% STICK	120VAC: 20A 230VAC: 30A	10-140A DC TIG 20-110DC STICK 10-200A DC TIG 20-180A STICK	Average OCV - 65V Peak OCV - 110V VRD OCV (Peak) - 14V	11.8 x 6.25 x 16 (299.7 x 158.8 x 406.4)	20 (9.1)
Sprinter™ 180Si Foot Pedal TIG One-Pak® & Case	K5585-2							
Sprinter™ 180Si Hand Amptrol™ TIG One-Pak® & Case	K5953-2							

[1]Input amps on 60 Hz input.

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Invertec® V276

Weather-Resistant Stick and TIG Welder

- Outstanding stick performance for both whip and drag techniques, including E6010 and E7018
- Selectable Hot Start technology enables enhanced arc starting on thick and dirty material
- Variable Arc Force - dial in the “soft” or “crisp” arc you want
- Digital meters for accurate control



Processes
- Stick
- DC TIG
- Gouging

Output

CC DC

Input

1/3 PHASE 50 Hz 60 Hz

Literature
E2.162

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output Current/Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Invertec® V276 Base Model w/Tweco® Style Receptacles[1]	K4868-1	*208/230/460/575/3/60	*275A/31V/35% 250A/30V/60% 200A/28V/100%	*/37/19/16 35/33/17/14 27/25/13/11	20-275A	13.6 x 9.0 x 20.25 (345 x 229 x 514)	54.5 (24.7)
		*208/*230/460/575/1/60	*275A/31V/35% 250A/30V/60% 200A/28V/100%	*/*/37/31 65/60/33/27 49/50/26/21			
or	or						
Base Model w/Twist Mate™ Receptacles	K4868-2	220/380/400/415/440/3/50	220A/28.8V/60% 190A/27.6V/100%	26/16/16/13/13 23/14/13/13/12			
		220/380/400/415/440/1/50	220A/28.8V/60% 190A/27.6V/100%	50/33/30/29/29 42/27/26/26/25			

[1]Tweco® is a registered trademark of Victor Technologies International, Inc.
- Rating not applicable for 208VAC three phase or 208/230VAC single phase.

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

Sprinter™ 180Si

Base Model [K5453-1]

- Sprinter™ 180Si Welder
- Insulated Electrode Holder and Cable
- Heavy Duty Work Clamp and Cable
- 230V to 120V Power Cord Adapter



Shown:
Sprinter™ 180Si

Sprinter™ 180Si Foot Pedal TIG One-Pak® & Case [K5585-2]

- Sprinter™ 180Si Welder
- Insulated Electrode Holder and Cable
- Heavy Duty Work Clamp and Cable
- 230V to 120V Power Cord Adapter
- Machine Carrying Case Sprinter™ 180Si [K5549-1]
- Foot Pedal [K4361-1]
- Caliber® 17/18/26 Series TIG Torch Expendables Kit - 1/16 - 1/8 in. [1.59 - 3.18 mm] [KP4760-HD]
- Caliber® 17 Series TIG Torch - Flexible, 12.5 ft. [3.8 m] [K4841-17F-1]
- Model 355-2Ar-58010 Flowmeter Regulator Shielding Gas Kit [3100211]


Shown:
Hand Amptrol

Sprinter™ 180Si Hand Amptrol™ TIG One-Pak® & Case [K5953-2]

- Sprinter™ 180Si Welder
- Insulated Electrode Holder and Cable
- Heavy Duty Work Clamp and Cable
- 230V to 120V Power Cord Adapter
- Machine Carrying Case Sprinter™ 180Si [K5549-1]
- Caliber® 17/18/26 Series TIG Torch Expendables Kit - 1/16 - 1/8 in. [1.59 - 3.18 mm] [KP4760-HD]
- Caliber® 17 Series TIG Torch - Flexible, 12.5 ft. [3.8 m] [K4841-17F-1]
- Model 355-2Ar-58010 Flowmeter Regulator Shielding Gas Kit [3100211]

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Accessories

Product Name	Product No.	Sprinter™ 180Si: Base & One-Pak® Models (K5453-1)	Invertec® V276: Base Model w/ Tweco® (K4868-1)	Invertec® V276: Base Model w/ Twist Mate™ (K4868-2)
GENERAL				
Welding Cart with 80 cu ft (2.27 m^3) Bottle Capacity	K2275-1	•		
Twist Mate™ Cable Plug for 6-4 Cable	K852-25	•		
Twist Mate™ Cable Plug for 1/0-2/0, 50-70 mm^2 Cable	K852-70			•
Twist Mate™ Cable Plug for 2/0-3/0, 70-95 mm^2 Cable	K852-95			•
Twist Mate™ Receptacle for 1/0-2/0, 50-70 mm^2 Cable	K1759-70			•
Twist Mate™ Receptacle for 2/0-3/0, 70-95 mm^2 Cable	K1759-95			•
Tweco® Style Plug [Male, 1/0 Thru 2/0]	K3416-70		•	
Tweco® Style Plug [Male, 3/0 Thru 4/0]	K3416-90		•	
Tweco® Style Receptacle [Female, 1/0 Thru 2/0]	K3417-70		•	
Tweco® Style Receptacle [Female, 3/0 Thru 4/0]	K3417-90		•	
Arc Tracker®	K3019-1		•	•
Weld Fume Control System	See Fume Sec.	•	•	•
STICK				
Accessory Kit, 150 Amp	K875		•	•
Accessory Kit, 400 Amp	K704		•	•
Electrode Holder and Lead #2, Tweco® Plug to EH200, 15 ft. (4.6 m)	K5161-2-15		•	
Work Lead 2/0, Tweco® to GC500, 15 ft (4.6 m)	K4835-2/0-15		•	
Stick Electrode Holder, Work Clamp, Cable & Twist Mate™ Set	K2394-1			•
Remote Output Control, 6-Pin, 25 ft (7.6 m)	K857		•	•
Remote Output Control, 6-Pin, 100 ft (30 m)	K857-1		•	•

For more information on our Extended Warranty program, visit www.lincolnelectric.com/warranty

• Optional

Accessories Cont'd

Product Name	Product No.	Sprinter™ 180Si Base Model K5453-1	Invertec® V276 Base Model w/Tweco® K4868-1	Invertec® V276 Base Model w/Twist Mate™ K4868-2
TIG				
Pro-Torch™ TIG Torches	See Guns Sec.		•	•
Deluxe Adjustable Gas Regulator & Hose Kit	K586-1		•	•
TIG-Mate™ 17V TIG Torch Starter Kit (Air-Cooled)	K2265-1		•	•
Twist Mate™ Torch Adapter (with Separate Gas)	K960-1		•	•
Foot Amptrol™	K870		•	•
Hand Amptrol™ (Rotary Track Style)	K963-3		•	•
TIG Adapter Kit - PTA-9/PTA-17	K1622-1	•		
Caliber™ 17/18/26 Series TIG Torch Expendables Kit - 1/16 - 1/8 in (1.6 - 3.2 mm)	KP4760-HD	•		
Foot Pedal	K4361-1	•		
Machine Carrying Case Sprinter™ 180Si	K5549-1	•		
Caliber™ 17 Series TIG Torch Ready-Pak® - Flexible, 12.5 ft (3.8 m)	K5339-17F-1	•		
8-Pin to 6-Pin Adapter	K5685-1	•		
Hand Amptrol™ - Linear Slide Style	K5924-1	•		
Hand Amptrol™ - Rotary Track Style	K963-5	•		
2-YEAR EXTENDED WARRANTY AVAILABLE	—	•	•	•

For more information on our Extended Warranty program, visit www.lincolnelectric.com/warranty

• Optional



BATTERY WELDER

MODEL	OUTPUT			PROCESS				INPUT			FEATURES					
	Mode	Polarity	Current Range (Amps)	Stick	TIG Scratch	Touch Start TIG®	Arc Gouge	Voltage	Phase	Hertz	Portable	Integrated Battery	Hot Start	Arc Force	Chopper Technology®	3-Year Warranty
Elevate™ SLi	CC	DC	4-145 DC	●		●		120	1	60	•	•	•	•	•	•

BATTERY JUMP-PACKS

MODEL	Battery Type	Capacity Watts/Hr	Joules	Amps	Volts	Liter Capacity	Vehicle Type
Start·All® Jump·Pack, 2500A	High Output Premium Lithium-Ion	59.2	33,300	2500	12	Gasoline Engines up to 6 liters, Diesel up to 4 liters	Cars, Light-Duty Trucks
Start·All® Jump·Pack, 5000A	High Output Premium Lithium-Ion	118.4	66,000	5000	12	Gasoline and Diesel Engines up to 10 liters	Sprinter Vans, Duallys, Commercial Trucks
Start·All® Jump·Pack, 10000A	High Output Premium Lithium-Ion	236.8	133,200	10000	12	Gasoline and Diesel Engines up to 16 liters	Commercial Trucks, Semis, Buses, Construction, Agriculture Equipment
Start·All® Jump·Pack, 12-24V	High Output Premium Lithium-Ion	296	165,000	10000/ 5000	12 and 24	Diesel Engines up to 16 liters	Commercial Trucks, Semis, Buses, Construction and Agriculture Equipment

KEY: ● Excellent ◒ Good ○ Optional

ELEVATE™ SLi Battery Powered Welder

Ultimate Portability with Unrivaled Arc Performance

- Incredibly convenient for remote work, as it doesn't require any input power to weld
- All-In-One Internal Charging System – No external charger or custom power cord is needed
- Rechargeable battery charges off of 120V power
- Outstanding performance on E6010, E7018 and Touch Start TIG®
- Lightweight and portable, 33 lbs. (15 kg)



Processes
- Stick
- DC TIG

Output

Input

Literature
E21.10

Product Name	Product Number	Charging Input Power Voltage/Phase / Hertz	Output Range	Rated Output @ 104°F (40 °C)	Electrode Diameters in (mm)	Open Circuit Voltage (OCV)	Dimensions H x W x D in (mm)	Net Wt lb (kg)
Elevate™ SLi Base Model	K4706-1	120/1/60 Max 6A	Stick: 10-145A TIG: 4-145A	Stick: 145A / 25.8V TIG: 145A / 15.8V	3/32 (2.4) 1/8 (3.2) 5/32 (4.0)	Average: 55V Peak: 72V	14 x 11 x 20 (356 x 292 x 508)	33 (15) Machine only
Rolling Case Package	K5622-1							
TIG & Rolling Case Package	K5624-1							

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Start·All® Jump·Pack 2500A

Stay Charged and In Charge

- Instantly jump starts gas engines up to 6 liters or diesel engines up to 4 liters
- Charges any USB device including cell phones, tablets, and gaming devices as well as laptops and tools with an AC plug
- Provides 500 Lumen LED emergency light with high/low and SOS Emergency strobe functions
- Power Ports Included:
  (1) DC Auxiliary Power Port
  (4) 2.1A USB Ports
  (2) 12V 3.5A, 6mm Port
  (1) 12V AC Wall Plug



Literature
E17.20

Product Name	Part Number	Engine	Battery Type	Capacity	Joules[5s]	Amps	Volts	Storage Temperature	Dimensions H x W x D in (mm)	Net Wt lb (kg)
Start·All® Jump·Pack, 2500A	K5962-1	Instantly Jump Starts Gasoline Engines up to 6 Liters, Diesel up to 4 Liters	High Output Premium Lithium-Ion	59.2 Watt-Hours (59,200 mWh)	33300	2500	12	40° F to 75° F; 4° C to 24° C	8.5 x 3.5 x 9.5 (215.9 x 88.9 x 241.3)	4.4 (2)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Start·All® Jump·Pack 5000A

Stay Charged and In Charge

- Instantly jump starts gasoline and diesel engines up to 10 liters
- Easily charges phones, tablets, laptops and portable gaming devices with multiple power ports
- Provides 500 Lumen LED emergency light with high/low and SOS Emergency strobe functions
- Power Ports Included:
  (2) DC Auxiliary Power Port
  (2) 2.1A USB Ports
  (1) 12V Output Port



Literature
E17.21

Product Name	Part Number	Engine	Battery Type	Capacity	Joules[5s]	Amps	Volts	Storage Temperature	Dimensions H x W x D in (mm)	Net Wt lb (kg)
Start·All® 5,000 Jump·Pack	K5961-1	Instantly Jump Starts Engines up to 10 Liters; Diesel and Gas	High Output Premium Lithium-Ion	118.4 Watt-Hours (118,400 mWh)	66000	5000	12	40° F to 75° F; 4° C to 24° C	10.93 x 4.33 x 10.78 (277.62 x 109.98 x 273.81)	9.65 (4.38) With case: 15.5 (7.03)

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Start·All® Jump·Pack 10000A

Stay Charged and In Charge

- Instantly jump starts gasoline and diesel engines up to 16 liters, including trucks, semis, buses, construction and agriculture equipment
- Easily charges phones, tablets, laptops and portable gaming devices with multiple power ports
- Provides 500 Lumen LED emergency light with high/low and SOS Emergency strobe functions
- Power Ports Included:
  (1) DC Auxiliary Power Port
  (2) 2.1A USB Ports
  (1) USB-C 30W Port



Literature
E17.22

Product Name	Part Number	Engine	Battery Type	Capacity	Joules[5s]	Amps	Volts	Storage Temperature	Dimensions H x W x D in (mm)	Net Wt lb (kg)
Start·All® 10,000A Jump·Pack	K5960-1	Instantly Jump-Starts Engines up to 16 Liters; Diesel and Gas	High Output Premium Lithium-Ion	236.8 Watt-Hours (263,800 mWh)	133,200	10,000	12	40° F to 75° F; 4° C to 24° C	10.93 x 4.33 x 10.78 (277.62 x 109.98 x 273.81)	11.1 (5.03) With case: 17 (7.71)

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Start·All® Jump·Pack 12-24V

From Buses to Bulldozers, One Jump Pack Starts It All

- Instantly jump starts diesel engines up to 16 liters, including trucks, semis, buses, construction and agriculture equipment
- Easily charges phones, tablets, laptops and portable gaming devices with multiple power ports
- Provides 500 Lumen LED emergency light with high/low and SOS Emergency strobe functions
- Power Ports Included:
  (1) 12V DC Auxiliary Output
  (1) 5.5mm 18V DC Input
  (2) 5.5mm 12V DC Output
  (1) USB-C Input/Output
  (2) USB-C Output
  (2) USB Output



Literature
E17.23

Product Name	Part Number	Engine	Battery Type	Capacity	Joules[5s]	Amps	Volts	Storage Temperature	Dimensions H x W x D in (mm)	Net Wt lb (kg)
Start·All® Jump·Pack, 12-24V	K5963-1	Instantly Jump-Starts Diesel Engines up to 16 Liters	High Output Premium Lithium-Ion	296 Watt-Hours (296,000 mWh)	166,500	10,000/ 5,000	12 and 24	40° F to 75° F; 4° C to 24° C	14.0 x 5.0 x 16.5 (355.6 x 127 x 419.1)	18.5 (8.39) With case: 20 (9.07)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
Packages » Assembly required

ELEVATE™ SLi Battery Powered Welder

Base Model (K4706-1)

- Elevate™ SLi Battery Powered Welder 200A Industrial Electrode Holder, Cable and Twist Mate™ Plug (K5612-1)
- Work Cable and Clamp with Twist Mate™ Plug (K5482-1)
- Fully Adjustable Shoulder Strap (KP5656-1)
- 120V Input Cord, 8 ft. (2.4m) (KP5655-1)

Base Model with Rolling Case Package (K5622-1)

- Everything listed for base model
- Rolling Carrying Case (K5548-1)

Base Model with TIG & Rolling Case Package (K5624-1)

- Everything listed for base model
- Rolling Carrying Case (K5548-1)
- Caliber® 17 Series TIG Torch - Flex/Valve 12.5 ft. (3.8 m) (K4841-17FV-1)
- Small Twist Mate™ Torch Adapter (K960-2)
- Caliber® 17/18/26 Series TIG Torch Expendables Kit - 1/16 - 1/8 in. (1.59 - 3.18 mm) (KP4760-HD)
- Single-Stage Flowgauge Regulator Ar5-30-580 (3000369)

Start·All® Jump·Pack 2500A (K5962-1)

- Start·All® Jump·Pack
- Jumper Cables
- 18V DC 120-240V AC Wall Charger
- 3-in-1 Mobile Adapter

Start·All® Jump·Pack 5000A (K5961-1)

- Start·All® Jump·Pack
- Jumper Cables
- 18V 120-240V AC Wall Charger
- 12V DC Port Charger
- 3-in-1 Mobile Adapter
- Safety Strap
- Carrying Case

Start·All® Jump·Pack 10,000A (K5960-1)

- Start·All® Jump·Pack
- Jumper Cables
- 18V 120-240V AC Wall Charger
- 12V DC Port Charger
- 3-in-1 Mobile Adapter
- Safety Strap
- Carabiner Clip
- Carrying Case

Start·All® Jump·Pack 12-24V (K5963-1)

- Start·All® Jump·Pack
- Jumper Cables
- 18VDC 120-240 VAC Wall Charger
- 12VDC Port Charger
- USB-C Mobile Adapter
- 3-in-1 Mobile Adapter
- Safety Strap
- Carabiner
- Soft Carrying Case


K4706-1


K5622-1


K5624-1


Start·All® Jump·Pack Family

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Accessories

Product Name	Product No.	Elevate™ SLi Base Model K4706-1
Elevate™ SLi Rolling Machine Case	K5548-1	•
200A Industrial Electrode Holder 12.5 ft (3.8 m) Twist Mate™ (Dinse® 10-25)	K5612-1	•
Ground Clamp 12.5 ft (3.8 m) Twist Mate™ (Dinse 10-25)	K5482-1	•
Elevate™ SLi 120V Input Cord 7.5 ft (2m)	KP5655-1	•
Adjustable Shoulder Strap	KP5656-1	•
Caliber® 17 Series TIG Torch - Flex/Valve, 12.5 ft (3.8 m)	K4841-17FV-1	•
Caliber® 17/18/26 Series TIG Torch Expendables Kit - 1/16 -1/8 in (1.59 - 3.18 mm)	KP4760-HD	•
Small Twist Mate™ Torch Adapter	K960-2	•
Deluxe Adjustable Gas Regulator and Hose Kit	K586-1	•
Canvas Accessory Bag	K3071-1	•
Canvas Cover (Small)	K2377-1	•



HANDHELD LASER WELDING

MODEL	OUTPUT	PROCESS	INPUT			FEATURES					
	Laser Power (Watts)	Semiautomatic Laser Welding	Voltage	Phase	Hertz	High-Resolution Digital Display	Guided Set-Up	Memory Settings	HyperFill® Capability	MAXTRAC® Wire Drive System	2-Year Warranty*
Flex Lase™	200-2000	●	230	1	50/60	•	•	•	•	•	•

*The Flex Lase™ power source comes with a 2-year warranty, and the Flex Feed® wire feeder boasts a market-leading 5-year warranty.

KEY: ● **Excellent** ◒ **Good** ○ **Optional**

Flex Lase™ Handheld Laser Welding System

Fast. Easy. Precise.

- 2kW of continuous laser output power
- Up to four times faster travel speeds than typical TIG welding
- Reduced training time compared to traditional welding processes
- Focused heat input and smaller heat-affected zones reduce material distortion, minimize spatter and improve process quality
- Glove-friendly, bright 7-inch touchscreen with anti-glare and large text
- Up to 32 memory settings



Processes
- Semiautomatic Laser Welding

Output
2,000 W Laser Power
Class 4 Primary Laser
Class 2 Guide Laser

Input
1 PHASE
50/60 Hz

Literature
E22.07

Product Name	Product Number	Input Power Voltage/ Phase/Hertz	Rated Output	Input Current @ Rated Output	Output Range	Dimensions H x W x D in (mm)	Net Wt lb (kg)
Flex Lase™ Handheld Laser System	K5772-1	AC 230V / 1 / 50/60Hz	200-2000W	26A	200 - 2000W	53.7 x 23 x 45.5 (1364 x 584 x 1156)	246 (111.6)

⚠ DANGER



CLASS 4 LASER PRODUCT INVISIBLE LASER RADIATION

Avoid eye or skin exposure to direct or scattered radiation. See operator's manual, labeling and applicable laws, regulations and standards.

⚠ WARNING



LASER SAFETY OFFICER (LSO)

Establish a Laser Safety Program and appoint a qualified Laser Safety Officer who is responsible for the safety of observers and operators.



LASER CONTROLLED AREA (LCA)

Operate only in a Laser Controlled Area with safety interlocks that meets the requirements of applicable laws, regulations and standards and ANSI Z136.1



PERSONAL PROTECTIVE EQUIPMENT (PPE)

Wear PPE as recommended by LSO to avoid eye or skin exposure to light radiation, heat and sparks.



LASER RADIATION EYE HAZARDS

Never look directly into a laser aperture, even if wearing full eye protection. Never point the torch at another person.

The Flex Lase™ power source is a Class IV laser product that requires careful attention to safety procedures. Read and follow all labels and the Operator's Manual before operating, installing or servicing the equipment. For further laser welding safety information, see American Welding Society Safety and Health Fact Sheet No. 46 on Handheld Laser Welding Safety, ANSI Z136.1, ANSI Z136.9, IEC 60825-1, and ISO 11553-1.

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
Packages » Assembly required

FLEX LASE™ HANDHELD LASER READY-PAK®

Base Model (K5772-1)

- Flex Lase™ 20 Power Source
- Flex Feed® 25L Wire Feeder
- Industrial Cart
- (2) Lincoln Electric® FLZ Welding Safety Glasses (K5750-1)
- VIKING™ FLZ Passive Laser Welding Helmet (K5747-1)
- Conduit Assembly (KP5795-1)
- (10) Contact Tips 0.045 in. (1.2 mm) Single Wire (KP2744-045T)
- Drive Roll Kit 0.035-0.045 in. (0.9-1.2 mm) (KP1696-1)
- Gas Filter Assembly
- Gas Adapter
- (10) Protective Windows for Flex Lase™ 20 (KP5819-1)
- Focal Lens for Flex Lase™ 20 (KP5820-1)



Shown:
Flex Lase™ Handheld Laser Ready-Pak® K5772-1

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Accessories

Product Name	Product No.	Flex Lase™ Flex Lase™ Handheld Laser Welding System K5772-1
VIKING™ FLZ Passive Laser Welding Helmet, 866 - 1100 nm (OD 7+)	K5747-1	•
Lincoln Electric® FLZ Laser Welding Safety Glasses, 840 - 1600 nm (OD 7+)	K5750-1	•
Laser Controlled Area (LCA) Enclosure	Contact for Quote	•
HyperFill® Wire-Delivery Accessory One-Pak®	K5913-1	•
Aluminum Wire-Delivery Accessory One-Pak®	K5914-1	•



TIG WELDERS

MODEL	OUTPUT			PROCESS			INPUT			FEATURES					
	Mode	Polarity	TIG Current Range (Amps)	Stick	Touch Start® TIG	TIG High-Frequency Start	Phase	Hertz	Auto Sensing	Micro-Start™ II	Auto-Balance™	Adjustable AC Frequency	Ready-Pak®	TIG Pulse	Adjustable AC Balance
CONVENTIONAL TECHNOLOGY															
Precision TIG® 225	CC	AC/DC	5-230	●		●	1	50/60		•	•		•	•	•
Precision TIG® 275	CC	AC/DC	2-340	●	●	●	1	50/60		•	•		•	•[3]	•
Precision TIG® 375	CC	AC/DC	2-420	●	●	●	1	50/60		•	•		•	•	•
INVERTER TECHNOLOGY															
Invertec® V155-S	CC	DC	5-155	●	●		1	50/60	•				•		
Invertec® V160-T	CC	DC	5-160	●	●	●	1	50/60	•					•	
Square Wave® TIG 205	CC	AC/DC	10-205[1]	●		●	1	50/60	•			•		•	•
Aspect® 230	CC	AC/DC	2-230	●	●	●	1/3	50/60	•		•	•		•	•
Aspect® 375	CC	AC/DC	2-375[2]	●	●	●	1/3	50/60	•		•	•	•	•	•

KEY: ● Excellent ◒ Good ○ Optional

[1] 230 Volts [2] Three-phase [3] Pulse available with Advanced Pulse Control Panel

Invertec® V155-S Ready-Pak®

Best-in-Class TIG and Stick Performance

- Touch Start TIG® mode provides TIG welding capabilities in a stick machine
- Two stick welding modes provide optimal welding performance for Soft (E7018) and Crisp (E6011) electrode applications
- Auto-Adaptive Arc Force minimizes spatter and electrode sticking in the puddle without compromising arc stability when stick welding
- Automatically connects to 120V or 230V service



Processes
- Stick
- DC TIG

Output

Input

Literature
E2.141

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output[1]	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Invertec® V155-S	K2606-1	120/1/60	Stick: 75A/23.0V/100% Stick: 100A/24.0V/30% TIG: 105A/14.2V/100% TIG: 130A/15.2V/30%	24.0A 33.8A 21.5A 28.8A	5-155 Amps DC Max. OCV: 75V	11.3 x 6.2 x 15.4 (288 x 158 x 392) (machine only)	14.7 (6.7) (machine only)
		230/1/50/60	Stick: 100A/24.0V/100% Stick: 145A/25.8V/30% TIG: 100A/14.0V/100% TIG: 155A/16.2V/30%	21.0A 31.0A 14.1A 22.8A			

[1]Input amps on 60 Hz input.

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Invertec® V160-T

High Performance TIG Welding in a Compact Design

- High-frequency TIG starting makes it easy to establish an arc under a variety of conditions
- Built-in pulsing functions help minimize heat input on thin materials, and provide a faster freezing weld puddle for uphill welding on curved surfaces such as process piping
- Ideally suited for maintenance operations and other external field operations
- Automatically connects to 120V or 230V service



Processes
- Stick
- DC TIG

Output

Input

Literature
E3.105

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Invertec® V160-T	K1845-1	120/1/50/60 20A Branch Circuit	TIG: 90A/14.6V/100% Stick: 60A/22.4V/100%	20A	5-160 Amps DC Max. OCV: 48V	13 x 8 x 17 (330 x 203 x 432)	24 (10.8)
		120/1/50/60 30A Branch Circuit	TIG: 110A/14.4V/100% Stick: 80A/23.2V/100%	25A			
		230/1/50/60 30A Branch Circuit	TIG: 130A/15.2V/100% Stick: 130A/25.2V/100%	20A			

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

www.lincolnelectric.com/tig-welders | E-2

Square Wave® 205

The Power of Precision and Simplicity

- Simple User Interface - bright 4.3 in. LCD display that makes setup intuitive and easy
- AC/DC TIG and AC/DC Stick Capabilities - optimized processes for a variety of materials and applications with excellent E6010 and E7018 performance
- Advanced Features - pulse, AC frequency, and AC balance to provide control no matter what the material and application
- Robust Design - durable design, IP21S rated, for optimal performance in a wide range of environments and conditions
- Lightweight and Portable - only 36 pounds with ergonomic front handles and an integrated storage compartment to make transportation easy
- Dual Input Voltage - 120V and 230V inputs so you can plug into any common power supply



Processes
- AC/DC Stick
- AC/DC TIG

Output

CC | AC/DC

Input

1 PHASE | 60 Hz | 120V | 230V

Literature
E3.220

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Square Wave® 205	K5613-1	120/1/60	TIG: 125A/25%* TIG: 100A/60% TIG: 85A/100% DC Stick: 80A/25% DC Stick: 70A/60% DC Stick: 65A/100% AC Stick: 70A/100%	TIG: 8-125A DC Stick: 15-90A AC Stick: 15-70A	14.75 x 9.27 x 21 (375 x 235 x 534)	36 (16.33)
		230/1/60	TIG: 205A/25% TIG: 160A/60% TIG: 130A/100% DC Stick: 170A/25% DC Stick: 130A/60% DC Stick: 100A/100% AC Stick: 140A/25% AC Stick: 115A/60% AC Stick: 100A/100%	TIG: 8-205A DC Stick: 15-170A AC Stick: 15-140A		

* AC TIG: 110A/25%

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Precision TIG® 225

Versatile TIG and Stick Welder

- Easy-to-use operator interface – select mode, polarity and weld
- AC Auto-Balance™ automatically adjusts for the optimal mix of cleaning and penetration when welding aluminum
- Take full control: adjust cleaning action or penetration on aluminum. Enable the TIG pulser to minimize distortion from excessive heat input
- Offers outstanding stick welding capabilities
- Enhanced starting, optimal arc stability, and precise crater fills with Micro-Start™ II technology



Processes
- Stick
- TIG

Output



Input



Literature
E3.37

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Precision TIG® 225 Base Model	K2533-2	460/575/1/60	130A/40% 110A/60%	40% Duty Cycle: 28/22 60% Duty Cycle: 23/19	5-230 Amps AC 5-230 Amps DC Max. OCV: 75V	20.7 x 14.5 x 25.6 (526 x 368 x 650)	192 (87)
Ready-Pak®	K2535-1	208/230/1/60		40% Duty Cycle: 61/55 60% Duty Cycle: 52/47		20.7 x 14.5 x 25.6 (526 x 368 x 650)	212 (96)
Ready-Pak® w/Cart	K2535-2					31.2 x 19.8 x 38 (794 x 503 x 966)	258 (117)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Aspect® 230

The Consistency You Want, the Performance You Need

- Exceptional arc response and stability
- Maximize productivity and spend more time welding with a rated 35% duty cycle at 230 amps
- Advanced aluminum controls, AC Auto Balance™ technology, pulse, frequency, and additional waveforms
- Portable, lightweight and easy to transport
- IP23 rated for harsh environments



Processes
- Stick
- TIG

Output



Input



Literature
E3.118

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Aspect® 230 AC/DC Base Model	K4340-1	120/1/50/60 or 208/230/400/460/ 1/3/50/60	**120/1/50/60:** 110A/100%/14.4V 125A/60%/15V 150A/35%/16V **208/230/400/460/1/3/50/60:** 160A/100%/16.4V 190A/60%/17.6V 230A/35%/19.2V	**120/208/230/400/460/ 1/50/60:** 34/33/31/18/16A **208/230/400/460/ 3/50/60:** 19/17/10/9A	**120V:** 2-150A TIG **208/230/400/ 460V:** 2-230A	16.5 x 9.7 x 19.9 (419 x 246 x 506)	50.5 (22.9)
Water-Cooled One-Pak®	K4342-1					46.5 x 22 x 24 (1118.1 x 558.8 x 609.6)	212 (96.2)
Air-Cooled One-Pak®	K4341-1					16.5 x 9.7 x 19.9 (419 x 246 x 506)	79 (35.8)
Aspect® 230 DC Base Model	K4346-1	120/1/50/60 or 208/230/400/460/ 1/3/50/60	**120/1/50/60:** 110A/100%/14.4V 125A/60%/15V 150A/35%/16V **208/230/400/460/1/3/50/60:** 160A/100%/16.4V 190A/60%/17.6V 230A/35%/19.2V	**120/208/230/400/460/ 1/50/60:** 31/33/31/18/16A **208/230/400/460/ 3/50/60:** 19/17/10/9A	**120V:** 2-150A TIG **208/230/400/ 460V:** 2-230A	16.5 x 9.7 x 19.9 (419 x 246 x 506)	46.5 (21.1)
Air-Cooled One-Pak®	K4347-1						75 (34.02)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Precision TIG® 275

A TIG Welding Workhorse

- AC Auto Balance™ automatically adjusts for the optimal mix of cleaning and penetration when welding aluminum. Bypass AC Auto Balance™ and adjust manually for full control
- Delivers the widest output range in its class from 2-340 amps
- Upgrade with the optional Advanced Pulse Control panel to enable better control over heat input, reducing distortion on thin metals
- Experience enhanced starting, optimal arc stability, and precise crater fills with Micro-Start™ II technology



Processes
- Stick
- TIG

Output

Input

Literature
E3.51

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Precision TIG® 275 Base Model	K2619-1	208/230/460/1/60	275A/31V/40% 225A/60%	40% Duty Cycle: 47/38A 60% Duty Cycle: 39/31	DC: 2-340A AC: 2-340A Max. OCV: 75V	31 x 22 x 26 (787 x 559 x 660)	397 (180)
	K2619-2	460/575/1/60					
Ready-Pak® w/Cart Pkg.	K2618-1	208/230/460/1/60		40% Duty Cycle: 104/94/47A 60% Duty Cycle: 86/78/39		49.7 x 28 x 41 (1262 x 711 x 1041)	641 (291)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Precision TIG® 375

Precision Welding, Maximum Range TIG Welder

- Tackle either end of the material thickness spectrum with the widest operating range in its class from 2 to 420 amps
- AC Auto Balance™ automatically adjusts for the optimal mix of cleaning and penetration when welding aluminum. Bypass AC Auto Balance™ and adjust manually for full control
- Advanced Pulse Control panel enables better control over heat input, reducing distortion on thin metals
- Experience enhanced starting, optimal arc stability, and precise crater fills with Micro-Start™ II technology



Processes
- Stick
- TIG

Output

Input

Literature
E3.51

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Precision TIG® 375 Base Model	K2622-1	208/230/460/1/60	375A/40% 350A/60%	40% Duty Cycle w/PFC: 102/51/41A 60% Duty Cycle: 92/46/37	DC: 2-420A AC: 2-420A Max. OCV: 80V	31 x 22 x 26 (787 x 559 x 660)	507 (230)
	K2622-2	230/460/575/1/60					
Ready-Pak® w/Cart Pkg.	K2624-1	208/230/460/1/60		40% Duty Cycle w/PFC: 112/102/51A 60% Duty Cycle: 102/92/46		49.7 x 28 x 41 (1262 x 711 x 1041)	751 (341)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Aspect® 375 AC/DC

Advanced TIG Technology Made Simple

- Effortless arc control for the smoothest welds
- AC Auto Balance™ makes it simple by automatically providing the optimal mix of cleaning and penetration on aluminum
- Activate Intellistart™ to provide for soft starts on thin materials for minimal distortion and hotter starts on thick materials
- Customization, when you need it: manage AC frequency, balance and offset to modify arc profile, cleaning action and penetration



Processes
- AC/DC TIG
- Stick

Output

Input

Literature
E3.117

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Aspect® 375 Base Model	K3945-1	1-Phase: 200-600/50/60 3-Phase: 200-600/50/60	3-Phase: GTAW: 350A/24/30% GTAW: 250A/20/100% SMAW: 350A/34/30% SMAW: 250A/30/100% 1-Phase: GTAW: 240A/19.6/30% GTAW: 180A/17.2/100% SMAW: 240A/29.6/30% SMAW: 180A/27.2/100%	3-Phase: 30% DC GTAW 32/29/17/15/12 100% DC GTAW 19/17/10/9/7 30% DC SMAW 46/41/24/21/17 100% DC SMAW 29/26/15/13/10 1-Phase: 30% DC GTAW 32/27/17/15/12 100% DC GTAW 21/19/11/9/7 30% DC SMAW 47/43/25/21/17 100% DC SMAW 33/30/17/15/12	3-Phase: 2-375A 1-Phase: 2-250A	47 x 23 x 45 (1194 x 584 x 1143)	290 (132)
Ready-Pak®	K3946-2					47 x 23 x 45 (1194 x 2584 x 1143)	235 (106.6)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

Invertec® V155-S

TIG Ready-Pak® (K2606-1)

- Invertec® V155-S (K2605-1)
- Stick Electrode Holder & Cable, 10 ft. (3.0 m) With Twist Mate™ Plug
- Work Clamp & Cable, 10 ft. (3.0 m) With Twist Mate™ Plug
- Fully Adjustable Shoulder Strap
- 120/230V Input Cord 6.6 ft. (2 m) With a 120V 15 Amp Plug
- Extra 120V 20 Amp Plug
- Gas Regulator & Hose (3000369)
- PTA-17V TIG Torch w/Ultra-Flex™ Cable and Twist Mate™ Adapter (K1782-13)
- PTA-17 TIG Torch Parts (KP508)
- Easy-Store/Easy-Carry Suitcase

Invertec® V160-T

Base Model (K1845-1)

- 115V Input Cord (10 ft./3.0 m) and Plug (NEMA 5-15P)
- 20 Amp Plug (NEMA 5-20P)
- Twist Mate™ Torch Adapter for PTA-9 or -17 One-Piece Torch
- Fully Adjustable Shoulder Strap
- Work Clamp & Cable, 10 ft., (3.0 m)

Square Wave® 205

Base Model (K5613-1)

- Square Wave® 205 TIG Welder
- Caliber® 17/18/26 Series TIG Torch Expendables Kit - 0.040 in. - 3/32 in. (KP4760-MD)
- Caliber® 17 Series TIG Torch Ready-Pak® - Rigid, 12.5 ft. (3.8 m) (K5339-17-1)
- Foot Amptrol™ - 25 ft. (7.6m) (6 pin) (K870)
- Model 601-Ar5-30-580 Single-Stage Flowgauge Regulator (3000369)
- Stick Electrode Holder 200A with Twist Mate™ Adapter
- Work Cable and Clamp with Twist Mate™ Adapter
- 120 and 230V Power Cord Adapter

Precision TIG® 225

Base Model (K2533-2)

- Precision TIG® 225 Welder
- Torch Parts Storage Compartment
- Torch Hanger
- 10 ft. (3.0 m) Work Cable & Clamp
- Removable Lift Eye
- 9 ft. (2.7 m) Input Power Cord With NEMA 6-50P Plug
- NEMA 6-50R Receptacle
- TIG Procedure Guide
- GTAW (TIG) Handbook

Ready-Pak® (K2535-1)

- Precision TIG® 225 Welder with Torch Parts Storage Compartment
- Torch Hanger
- Work Cable & Clamp 10 ft. (3.0 m)
- Removable Lift Eye
- Input Power Cord 9 ft. (2.7 m) with NEMA 6-50P Plug
- NEMA 6-50R Receptacle
- TIG Procedure Guide
- GTAW (TIG) Handbook
- PTA-17 TIG Torch 12.5 ft. (3.81 m) (K1782-1)
- 12 ft. (3.6 m) Ultra-Flex™ Cable
- Twist Mate™ Adapter (K1622-1)
- 2% Ceriated Tungsten 3/32 in (2.4 mm) (KP4722-332)
- Collet (KP4750-332)
- Collet Body (KP4752-332)
- Alumina Nozzle 7/16 in (11.1 mm) (KP4756-7)
- Long Back Cap (KP4746-L)
- Gas Regulator with Hose
- K870 Foot Amptrol™ with 25 ft. (7.6 m) Cable Assembly

Ready-Pak® w/Cart Package (K2535-2)

- Everything Listed Above (K2535-1)
- Understorage Cart K2348-1



Shown:
Invertec® V155-S
Ready-Pak®



Shown:
Precision TIG® 225
Ready-Pak® w/Cart



Shown:
Aspect® 230 AC/DC
Water-Cooled One-Pak®

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

Aspect® 230

AC/DC Base Model (K4340-1)

- Aspect® 230 AC/DC TIG Welder
- 10 ft. (3 m) Input Power Cord

AC/DC Water-Cooled One-Pak® (K4342-1)

- Aspect® 230 AC/DC
- 10 ft. (3 m) Input Power Cord
- Two-Wheeled Cart (K4441-1)
- Cool Arc® 22 (K3475-1)
- Foot Amptrol™ - 25 ft. (7.6m) (6 pin) (K870)
- Water-Cooled TIG Torch PTW-20 250A, 25 ft. (7.6 m)
- Gas Lens Kit for PTW-20 (KP2414-1)
- Low Conductivity Coolant (2) (KP4159-1)
- Zippered Cable Cover, 25 ft. (7.6 m) (K918-4)
- Gas Regulator (3100211)
- Ground Clamp w/15 ft. (4.6 m) Cable (K1803-3)
- Torch Twist Mate™ Connector (K1622-5)

AC/DC Air-Cooled One-Pak® (K4341-1)

- Aspect® 230 AC/DC
- 10 ft. (3 m) Input Power Cord
- Foot Pedal (K870)
- Expendables Kit for PTW-18 and PTA-26 (KP509)
- Air-Cooled TIG Torch 200A PTA-26 Flex Head™, 25 ft. (7.6 m) (K1783-10)
- Gas Regulator (3100211)
- Weld Cable Package - Work Lead - TM & GC500 Ground Clamp (2/0, 350A, 60%) - 15 ft. (4.6 m) (K1803-3)
- Torch Twist Mate™ Connector ASM (K1622-3)

DC Base Model (K4346-1)

- Aspect® 230 DC TIG Welder
- 10 ft. (3 m) Input Power Cord

DC Air-Cooled One-Pak® (K4347-1)

- Aspect® 230 DC (K4346-1)
- 10 ft. (3 m) Input Power Cord
- Foot Amptrol™ - 25 ft. (7.6m) (6 pin) (K870)
- Expendables Kit for PTW-18 and PTA-26 (KP509)
- Air Cooled TIG Torch 200A PTA-26 Flex Head™, 25 ft. (7.6 m)
- Weld Cable Package - Work Lead - TM & GC500 Ground Clamp (2/0, 350A, 60%) - 15 ft. (4.6 m) (K1803-3)
- Gas Regulator (3100211)
- Torch Twist Mate™ Connector ASM (K1622-3)

Precision TIG® 275

Ready-Pak® w/Cart (K2618-1)

- Precision TIG® 275 (K2619-1)
- Under-Cooler Cart (K1828-1)
- Foot Amptrol™ with 25 ft. Cable (K870)
- Harris® Gas Flowmeter Regulator & 10 ft. (3.0 m) Hose Kit (3100211)
- PTW-20 Pro-Torch™ TIG Torch with 25 ft. (7.6 m) Cable (K1784-4)
- Zippered Torch Cover
- TIG Torch Parts Kit (KP510)
- Water Hoses (2 included) (S19558-4)
- 15 ft. (4.5 m) 2/0 Work Cable/Clamp (K2150-1)
- PTA-9 or -17 Torch Adapter (S20403)

Precision TIG® 375

Ready-Pak® w/Cart (K2624-1)

- Precision TIG® 375 (K2622-1)
- Under-Cooler Cart (K1828-1)
- Foot Amptrol™ with 25 ft. (7.6 m) Cable (K870)
- Harris® Gas Flowmeter Regulator & 10 ft. (3.0 m) Hose Kit (3100211)
- PTW-20 PRO-Torch™ TIG Torch (K1784-4)
- Zippered Torch Cover with 25 ft. (7.6 m) Cable
- TIG Torch Parts Kit (KP510)
- Water Hose (2 included) (S19558-4)
- 15 ft. (4.5 m) 2/0 Work Cable/Clamp (K2150-1)
- Adapter for Optional PTA-9 or -17 Torch, 3/8 in. (9.5 mm)

Aspect® 375

Ready-Pak® (K3946-2)

- Aspect® 375® (K3945-1)
- Input Power Cord 10 ft. (3 m)
- CoolArc® 47 Water Cooling System (K3950-1)
- TIG Welding Cart (K3949-1)
- K4843-18F-2 Caliber® 18 Series TIG Torch - Flexible 25 ft. (7.6 m)
- KP4760-HD Caliber® 17/18/26 Series TIG Torch Expendables Kit 1/16 - 1/8 in. (1.6 - 3.2 mm)
- Twist Mate™ Torch Cable Adaptor (K1622-5)
- TIG Torch Parts Kit (KP510)
- Foot Amptrol™ with 25 ft. (7.6m) Cable Assembly (K870)
- 15 ft. (4.5 m) Work Lead Assembly (K1803-3)
- Gas Regulator with 10 ft. (3 m) Hose Kit (3100211)
- Low Conductivity Coolant (KP4159-1)
- Quick Connect Fitting (9ST14557-27)



Shown:
Precision TIG® 275
Ready-Pak® w/Cart



Shown:
Precision TIG® 375
Ready-Pak® w/Cart



Shown:
Aspect® 375
Ready-Pak® Package

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Accessories

Product Name	Product No.	Invertec® V155-S Base Model K2606-1	Invertec® V160-T Base Model K1845-1	Square Wave® 205 Base Model K5613-1	Precision TIG® 225 Base Model K2533-1	Precision TIG® 275 Base Model K2619-1	Precision TIG® 275 Base Model K2619-2	Aspect® 230 Base Model K4340-1	Precision TIG® 375 Base Model K2622-1	Precision TIG® 375 Base Model K2622-2	Aspect® 375 Base Model K3945-1
GENERAL											
Undercarriage	K1869-1					•	•		•	•	
Understorage Cart	K2348-1				•						
Dual Cylinder Cart	K2617-1				•						
Inverter Cart	K3949-1										•
Two-Wheeled Cart	K4441-1							•			
Welding Cart (80 cu ft Bottle Capacity)	K2275-1	•	•								
Utility Cart (150 cu ft Bottle Capacity)	K520		•	•							
CanVAS™ Cover (Small)	K2377-1		•	•							
CanVAS™ Cover (Medium)	K2378-1				•						
Advanced Control Panel	K2621-1					•	•				
Work Clamp & Cable Assembly	K2150-1					•	•		•	•	
Twist Mate™ Plug for #6 - #4 Cable	K852-25	•									
Weld Fume Control System	See Fume Sec.	•	•	•	•	•	•	•	•	•	•
STICK											
Stick Electrode Holder & Cable	K2374-1				•						
Stick Electrode Holder, Work Clamp, Cable & Twist Mate™ Set	K2394-1		•	•							
Stick Welding Accessory Kit, 150 Amp	K875					•	•				
Stick Welding Accessory Kit, 400 Amp	K704					•	•		•	•	
Remote Output Control, 25 ft (7.6 m)	K857					•	•		•	•	
Remote Output Control, 100 ft (3.0 m)	K857-1					•	•		•	•	
TIG											
Wireless Foot Pedal & Receiver	K4217-1				•	•	•	•	•	•	•
Replacement Wireless Pedal Transmitter	K4218-1				•	•	•	•	•	•	•
Replacement Wireless Receiver	K4219-1				•	•	•	•	•	•	•
Hand Amptrol™ (Rotary Track Style) 25 ft (7.6 m) (6-Pin)	K963-3		•	•	•	•	•	•	•	•	•
Foot Amptrol™ with 25 ft (7.6 m) Cable Assembly	K870		•	•	•	•	•		•	•	
Arc Start™ Switch	K814		•	•	•	•	•	•	•	•	•
PTA-9, PTW-20, 20-250-25R and 20H-320-25R Gas Lens Parts Kit	KP2414-1	•	•	•	•	•	•	•	•	•	•
PTA-9 -17 One Cable Torch Adapter	K2166-3					•	•		•	•	
PTA-9, -17, -26 Two Cable Torch Adapter	K2166-2					•	•		•	•	
PTA-26 One Cable Torch Adapter	K2166-1					•	•		•	•	
PTA-9 PRO-Torch™ TIG Torch, 12.5 ft (3.8 m), 1 pc	K1781-1	•	•	•	•	•	•	•	•	•	•
PTA-9F Flex Head w/ Ultra-Flex™ Cable TIG Torch Package, 12.5 ft (3.8 m), 1 pc	K1781-9	•	•	•	•	•	•	•	•	•	•

• Optional

Accessories

Product Name	Product No.	Invertec® V155-S Base Model	Invertec® V160-T Base Model	Square Wave® 205 Base Model	Precision TIG® 225 Base Model	Precision TIG® 275 Base Model	Precision TIG® 275 Base Model	Aspect® 230 Base Model	Precision TIG® 375 Base Model	Precision TIG® 375 Base Model	Aspect® 375 Base Model
		K2606-1	K1845-1	K5613-1	K2533-1	K2619-1	K2619-2	K4340-1	K2622-1	K2622-2	K3945-1
TIG, CON'T.											
PTA-17 PRO-Torch™ TIG Torch, 12.5 ft (3.8 m), 1 pc	K1782-1	•	•	•	•	•	•	•	•	•	•
PTA-17 PRO-Torch™ TIG Torch, 25 ft (7.6 m), 1 pc	K1782-3	•	•	•	•	•	•	•	•	•	•
PTA-17 PRO-Torch™ TIG Torch, 25 ft (7.6 m), 2 pc	K1782-4					•	•		•	•	
PTA-17 PRO-Torch™ TIG Torch, 150 Amp, 12.5 ft (3.8 m), 1 pc	K1782-12	•	•	•	•	•	•	•	•	•	•
PTA-17FV Flex Head Gas Valve PRO-Torch™ TIG Torch w/Ultra-Flex™ Cable, 12.5 ft (3.8 m), 1 pc	K1782-13	•									
PTA-17F TIG Torch Ready-Pak® (12.5 ft 1 pc) (3.8 m)	K1782-14	•	•	•	•	•	•	•	•	•	•
PTA-17F PRO-Torch™ TIG Torch, 150 Amp Air-Cooled w/Flex Head and Ultra-Flex™ Cable, 12.5 ft (3.8 m), 1 pc	K1782-15	•	•	•	•	•	•	•	•	•	•
PTA-26 PRO-Torch™ TIG Torch, 12.5 ft (3.8 m), 1 pc	K1783-1			•	•	•	•	•	•	•	•
PTA-26 200 Amp Air-Cooled TIG Torch w/1 pc 25 ft (7.6 m) Cable	K1783-3			•	•	•	•	•	•	•	•
PTA-26 200 Amp Air-Cooled TIG Torch w/2 pc 25 ft (7.6 m) Cable	K1783-4					•	•		•	•	
PTW-18 350 Amp Water-Cooled TIG Torch with 12.5 ft (3.8 m) Cable Assembly	K1784-1				•	•	•		•	•	•
PTW-18 350 Amp Water-Cooled TIG Torch w/3 pc. 25 ft (7.6 m) Cable	K1784-2				•	•	•		•	•	•
PTW-20 PRO-Torch™ TIG Torch, 12.5 ft (3.8 m), 3 pc Braided	K1784-3		•	•	•	•	•	•	•	•	•
PTW-20 PRO-Torch™ TIG Torch, 25 ft (7.6 m), 3 pc Braided	K1784-4		•	•	•	•	•	•	•	•	•
Parts Kit For PTA-9 Series Torches	KP507	•	•	•	•	•	•	•	•	•	•
Parts Kit For PTA-17 Series Torches	KP508	•	•	•	•	•	•	•	•	•	•
Parts Kit For PTW-18 and PTA-26 Series Torches	KP509		•	•	•	•	•	•	•	•	•
Parts Kit for 20-250-25R, 20H-320-25R, and PTW-20 TIG Torches	KP510		•	•	•	•	•	•	•	•	•
TIG-Mate™ 17 TIG Torch Starter Kit (Air-Cooled)	K2266-1		•	•	•						
TIG-Mate™ 20 TIG Torch Starter Kit (Water-Cooled)	K2267-1		•	•	•						
Harris® Ar/CO_2 Flowmeter/Regulator with 10 ft (3.0 m) Gas Hose Kit	3100211		•	•	•	•	•	•	•	•	•
Zippered Torch Cable Cover, 10 ft (3.0 m)	K918-1	•	•	•	•	•	•	•	•	•	•
Zippered Torch Cable Cover, 22 ft (6.7 m)	K918-2	•	•	•	•	•	•	•	•	•	•
Zippered Torch Cable Cover, Heavy Duty, 22 ft (6.7 m)	K918-4	•	•	•	•	•	•	•	•	•	•
Small Twist Mate™ TIG Torch Adapter (w/Separate Gas)	K960-2	•									
Twist Mate™ Torch Adapter, PTA-9 and -17	K1622-1		•	•	•			•			•
Twist Mate™ Torch Adapter, PTA-26	K1622-3		•	•	•			•			•
Twist Mate™ Torch Adapter, Water-Cooled (for use with Cool Arc® 40)	K1622-4		•	•	•						
Twist Mate™ Torch Adapter, Water-Cooled (for use with Cool Arc® 40 and Cool Arc® 22)	K1622-5							•			•
Caliber® 25 Series TIG Torch – Flexible, 12.5 ft	K4842-26F-1			•							
Caliber® 9 Series TIG Torch – Flexible, 12.5 ft	K4844-9F-1			•							
Caliber® Stubby Torch Parts Kit – 17/18/26 Torches	KP4765-ST			•							
Caliber® 17/18/26 Series TIG Torch Expendables Kit – 0.040 – 3/32 in	KP4760-MD			•							

• Optional

Accessories

Product Name	Product No.	Invertec® V155-S Base Model	Invertec® V160-T Base Model	Square Wave® 205 Base Model	Precision TIG® 225 Base Model	Precision TIG® 275 Base Model	Precision TIG® 275 Base Model	Aspect® 230 Base Model	Precision TIG® 375 Base Model	Precision TIG® 375 Base Model	Aspect® 375 Base Model
		K2606-1	K1845-1	K5613-1	K2533-1	K2619-1	K2619-2	K4340-1	K2622-1	K2622-2	K3945-1
TIG, CON'T.											
Cool Arc® 22 Water Cooler	K3475-1							•			
Cool Arc® 40 Water Cooler 115/1/50/60	K1813-1		•	•	•						
Cool Arc® 47 Water Cooling System	K3950-1										•
Under-Cooler Cart Water Cooler	K1828-1					•	•		•	•	
Water Hose Kit, 25 ft (7.6 m) (5/8 LH CGA to 5/8 LH CGA)	K1859-2		•	•	•	•	•		•	•	•
Magnum® PRO-Torch™ TIG Torches	See 12.150			•							
Cut Length Consumables	See C1.10	•	•	•	•	•	•	•	•	•	•
2-YEAR EXTENDED WARRANTY AVAILABLE	–	•	•	•	•	•	•	•	•	•	•

For more information on our Extended Warranty program, visit www.lincolnelectric.com/warranty

• Optional

NOTES



MIG WIRE FEEDER/WELDERS

MODEL	OUTPUT				PROCESS						INPUT		FEATURES						
	Current Range Amps	Wire Feed Speed Range ipm (m/min)	Solid Wire Size Range in (mm)	Cored Wire Size Range in (mm)	MIG	MIG Pulsed	Flux-Cored	Stick	High Frequency TIG	Touch Start TIG®	Phase	Hertz	Portable	Consumable Storage	Digital Display	Synergic Control	Spool Gun Capable	Push-Pull Capable	Ready.Set.Weld®
120 VOLT INPUT																			
SP-140T®	30-140	50-700 (1.3-17.8)	0.025-0.035 (0.6-0.9)	0.030-0.035 (0.8-0.9)	●		●				1	60	•				•		
POWER MIG® 140 MP®	30-140	40-500 (1.0-12.7)	0.025-0.035 (0.6-0.9)	0.030-0.035 (0.8-0.9)	●		●	●		●	1	60	•				•		
120/230 VOLT INPUT																			
POWER MIG® 211i	20-211	50-500 (1.3-12.7)	0.025-0.035 (0.6-0.9)	0.030-0.045 (0.8-1.1)	●		●				1	60	•		•		•		
POWER MIG® 215 MPi™	20-220	50-500 (1.3-12.7)	0.025-0.035 (0.6-0.9)	0.030-0.045 (0.8-1.1)	●		●	●		●	1	60	•		•		•		•
POWER MIG® 220 AC/DC	20-230	79-512 (2.0-13.0)	0.025-0.035 (0.6-0.9)	0.030-0.045 (0.8-1.1)	●		●	●	●	●	1	60	•		•	•	•		•
208-230 VOLT INPUT																			
POWER MIG® 256	30-300	50-700 (1.3-17.8)	0.023-0.045 (0.6-1.1)	0.030-0.045 (0.8-1.1)	●		●				1	60		•	•		•		
POWER MIG® 262	50-300	30-700 (0.8-17.8)	0.023-0.045 90.6 -1.1)	0.035-0.045 (0.9-1.1)	●		●				1	60		•	•		•	•	
POWER MIG® 262P	5-300	30-700 (0.8-17.8)	0.023-0.045 (0.6-1.1)	0.035-0.045 (0.9-1.1)	●	●	●				1	60		•	•	•	•	•	•
POWER MIG® 262MP	5-300	30-700 (0.8-17.8)	0.023-0.045 (0.6-1.1)	0.035-0.045 (0.9-1.1)	●	●	●	●		●	1	60		•	•	•	•	•	•
POWER MIG® 360MP	5-360	50-700 (1.3-7.8)	0.023-0.045 (0.6-1.1)	0.030-0.045 (0.8-1.1)	●	●	●	●		●	1	50/ 60		•	•	•	•	•	•
AlumaFab® 350 Power Source	40-425	0-22.9	0.030 - 1/16 Aluminum (0.8-1.6)	N/A	●	●					3	50/ 60	•					•	

KEY: ● **Excellent** ◒ **Good** ○ **Optional**

SP-140T®

Wire Feeder Welder

- Forgiving arc and simple tapped voltage control make dialing in your application easy. A smooth arc starts with minimal spatter. Wide 30-140 amp welding output range
- A great welder for project and repair welding at home, on the farm or in an autobody shop
- Precision full adjustment drive system reduces the chance of wire tangling and crushing
- Brass-to-brass gun connections for enhanced conductivity



Processes
- MIG
- Flux-Cored

Output

CV DC

Input

1 PHASE 60 Hz

Literature
E7.62.1

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	Wire Feed Speed ipm (m/min)	H x W x D in (mm)	Net Wt lb (kg)
SP-140T®	K5261-1	120/1/60	90A/19.5V/20%	20A	30-140 Amps DC Max. OCV: 33	50-500 (1.3-12.7)	13.65 x 10.38 x 17.9 (347 x 264 x 455)	49.5 (22.5)

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

POWER MIG® 140 MP®

MIG Welding Made Simple

- Multi-process unit capable of MIG, DC TIG, and Stick welding
- Conveniently plugs into a standard 120V household outlet
- Lightweight and portable at just 34.5 lbs. (15.6 kg)



Processes
- MIG
- Stick
- DC TIG
- Flux-Cored

Output

CC CV DC

Input

1 PHASE 60 Hz

Literature
E7.30

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	Wire Feed Speed ipm (m/min)	H x W x D in (mm)	Net Wt lb (kg)
POWER MIG® 140 MP®	K4498-1	120/1/60	95A/18.75V/60% MIG 115A/14.6V/60% TIG 80A/23.2V/60% Stick	20A	30-140A MIG 10-120A DC TIG 25-90A Stick	40-500 (1.0-12.7)	14 x 10.15 x 18.6 (357 x 258 x 472)	34.5 (15.6)
TIG One-Pak®	K4499-1							

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

POWER MIG® 211i

Solid, Dependable Welding

- Simple user interface featuring a seven-segment display using basic knob controls
- Dual input voltage allows use of 120V and 230V
- At only 41 lbs. (18.6 kg), it's lightweight and portable
- The sleek, ergonomic case offers multiple lift points for ease of mobility



Processes
- MIG
- Flux-Cored

Output

CV DC

Input

1 PHASE 60 Hz

Literature
E7.71

Product Name	Product Number	Input Power	Rated Output Current/Voltage/ Duty Cycle	Input Current @ Rated Output	Output Range	Wire Feed Speed ipm (m/min)	H x W x D in (mm)	Net Wt lb (kg)
POWER MIG® 211i	K6080-1	120/230/1/60	175A/22.75V/30%	120VAC: 15A 230VAC: 15A	120V: 20-140 Amps DC 230V: 20-211 Amps DC Max OCV: 76V	50-500 (1.3-12.7)	15.5 x 10.75 x 22 (394 x 273 x 558)	41 (18.6)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

POWER MIG® 215 MPi™

Simple. Versatile. Reliable.

- Welds MIG, Flux-Cored, Stick and DC TIG
- At only 48 lbs. (21.8 kg), it's lightweight and portable
- Ready.Set.Weld® technology recommends optimal welding parameters for easy setup
- ArcFX® technology provides visual feedback on how settings will affect the weld outcome
- Built-in TIG solenoid and foot pedal adapter



Processes
- MIG
- Flux-Cored
- DC Stick
- DC TIG

Output

CC CV DC

Input

1 PHASE 60 Hz

Literature
E7.70

Product Name	Product Number	Input Power	Rated Output Current/Voltage/ Duty Cycle	Input Current @ Rated Output	Output Range	Wire Feed Speed ipm (m/min)	H x W x D in (mm)	Net Wt lb (kg)
POWER MIG® 215 MPi™	K4876-1	120/230/1/60	215A/24.8V/30%	120VAC: eff 15A max 22A 230VAC: eff 15.9A max 29A	120V: 20-140 Amps DC 230V: 20-220 Amps DC Max OCV: 56V	50-500 (1.3-12.7)	15.08 x 10.88 x 23.14 (383.03 x 276.35 x 587.75)	48 (21.8)
Aluminum One-Pak®	K4877-1							
TIG One-Pak®	K4878-1							

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

POWER MIG® 220 AC/DC

Built to Outperform



- A multi-process welder that is reliable and easy-to-use for the general fabricator, small contractor, or personal repair
- Robust and reliable wire drive - ensures proper and consistent feeding for optimal welding experience
- Ready.Set.Weld® technology - simplifies setup by recommending optimal welding parameters for each welding procedure
- Advanced MIG features like adjustable crater time and burn back settings for cleaner finishes
- Dual gas inlets allow for quickly switching between MIG and TIG welding
- Pulsed AC/DC TIG

Processes
- MIG
- Flux-Cored
- DC Stick
- AC/DC TIG
- Pulsed TIG

Output

CC CV | DC | AC

Input

1 PHASE | 60 Hz

Literature
E7.75.1

Product Name	Product Number	Input Power	Rated Output Current/Voltage/ Duty Cycle	Input Current @ Rated Output	Output Range	Wire Feed Speed ipm (m/min)	H x W x D in (mm)	Net Weight lb (kg)
POWER MIG® 220 AC/DC	K5379-1	120/1/60	TIG: 125A/15.0V/40% TIG: 90A/13.6V/100% Stick: 85A/23.4V/40% Stick: 60A/22.4V/100% MIG: 95A/18.8V/40% MIG: 75A/17.8V/100%	Effective: 14.2A Max: 21.4A	TIG: 20 - 140A Stick: 30 - 90A MIG: 20 - 125A	79-512 (2.0-13.0)	15 x 11 x 24 (381 x 279.4 x 609.6)	51 (23.1)
		240/1/60	TIG: 210A/18.4V/20% TIG: 130A/15.2V/100% Stick: 200A/28.0V/15% Stick: 120A/24.8V/100% MIG: 230A/25.5V/15% MIG: 120A/20.0V/100%	Effective: 14.3A Max: 32.5A	TIG: 20 - 210A Stick: 30 - 200A MIG: 20 - 230A			

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

POWER MIG® 262

Fabrication Simplified



- Simple user interface - seven segment display with basic knob controls
- Process capabilities - MIG, Flux-Cored, Push-Pull and Spool Gun
- Rugged MAXTRAC® industrial wire drive - allows for constant wire feed speed and consistent welds
- 300 amp max output - perfect for general fabrication, light industrial, and maintenance and repair

Processes
- MIG
- Flux-Cored

Output

CV | DC

Input

1 PHASE | 50/60 Hz

Literature
E7.73

Product Name	Product Number	Input Power	Rated Output Current/Voltage/ Duty Cycle	Input Current @ Rated Output	Output Range	Wire Feed Speed ipm (m/min)	H x W x D in (mm)	Net Wt lb (kg)
POWER MIG® 262	K5706-1	208/230/460/575/1/60	230A/26.5V/60%	49.1/44/22.1/17.6	5-300 Amps, Max. OCV 90V	30-700 (0.8-17.8)	37.5 x 18 x 37.5 (952.5 x 457.2 x 952.5)	250 (113.4)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

POWER MIG® 262P

The Ultimate Pulsed MIG Machine

- Equipped with cutting-edge technology like Ready. Set.Weld®, ArcFX® and Weld Set Memory
- Intuitive 7-inch LCD display ensures seamless operation and unparalleled operator control
- Aluminum pulse process supports welding 4XXX and 5XXX series aluminum for superior quality welding
- Rugged MAXTRAC® industrial wire drive for constant wire feed speed and consistent welds



Processes
- MIG
- Pulsed MIG
- Flux-Cored

Output

CV DC

Input

1 PHASE 50/60 Hz

Literature
E7.72

Product Name	Product Number	Input Power	Rated Output Current/Voltage/ Duty Cycle	Input Current @ Rated Output	Output Range	Wire Feed Speed ipm (m/min)	H x W x D in (mm)	Net Wt lb (kg)
POWER MIG® 262P	K5378-1	208/230/460/575/1/60	230A/26.5V/60%	49.1/44/22.1/17.6	5-300 Amps Max. OCV 90V	30-700 (0.8-17.8)	37.5 x 18 x 37.5 (952.5 x 457.2 x 952.5)	250 (113.4)

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

POWER MIG® 262MP

Professional-Grade Performance

- 7-Inch color display
- Aluminum pulse process
- Maxtrac® industrial wire drive - allows for constant wire feed speed and consistent welds
- Memory recall - save and access memories with the enhanced UI
- 300 Amp max output - perfect for auto body, light fabrication, education and more



Processes
- MIG
- Pulsed MIG
- Flux-Cored
- Stick
- TIG

Output

CC CV DC

Input

1 PHASE 50/60 Hz

Literature
E7.600

Product Name	Product Number	Input Power	Rated Output Current/Voltage/ Duty Cycle	Input Current @ Rated Output	Output Range	Wire Feed Speed ipm (m/min)	H x W x D in (mm)	Net Wt lb (kg)
POWER MIG® 262MP	K5376-1	208/230/460/575/1/60	230A/26.5V/60%	49.1/44/22.1/17.6	5-300 Amps Max. OCV 90V	30-700 (1.27-17.8)	37.5 x 18 x 37.5 (952.5 x 457.2 x 952.5)	250 (113.4)
Aluminum One-Pak® (Push Gun)	K5637-1							295 (133.8)
Aluminum One-Pak® (Push-Pull Gun)	K5638-1							295 (133.8)
Educational One-Pak®	K5636-1							312 (141.5)

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

POWER MIG® 360MP

The Multi-Process Workhorse

- 7-Inch color display - enhances communication with the operator
- Multi-process capable - welds MIG, Flux-Cored, Stick, TIG, pulsed MIG, and advanced processes like Pulse-On-Pulse® and Power Mode®
- Aluminum Pulse Process - Welds 4XXX and 5XXX series aluminum for superior quality welding
- Pulse-on-Pulse® delivers a stacked dime appearance when welding aluminum
- Power Mode® maintains a stable, smooth arc for short arc welding on steel
- Set weld procedures with one control



Processes
- Stick
- TIG
- MIG
- Pulsed
- Flux-Cored

Output

CC CV DC

Input

1 PHASE 50/60 Hz

Literature
E7.60

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	Wire Feed Speed ipm (m/min)	H x W x D in (mm)	Net Wt lb (kg)
POWER MIG® 360MP Base Unit	K4467-1	208/230/460/575/ 1/50/60	320A/30V/60%	55/50/25/20A	5-360A Max. OCV: 70V	50-700 (1.3-117.8)	37.3 x 18 x 40.4 (947.4 x 457.2 x 1026.2)	265 (120.2)
No Input Cord	K4467-2							
Aluminum Rear Trigger One-Pak® for Trailer Mfg./ General Fab.	K4662-1							
Aluminum Rear Trigger One-Pak® for Auto Repair	K4663-1							
Education One-Pak®	K4778-1							
Aluminum Front Trigger One-Pak® for Trailer Mfg./ General Fab	K4784-1							
Aluminum Front Trigger One-Pak® for Auto Repair	K4785-1							

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

AlumaFab®

Aluminum MIG Welding System

- A straightforward, purpose-built solution for high-volume aluminum MIG welding
- Developed through a strategic partnership between Lincoln Electric and MK Products
- Combines industry leading wire feeding with proven power source and waveform technology
- Streamlined, operator-friendly design simplifies the aluminum welding process



Processes
- MIG
- Pulsed MIG

Output

CV DC

Input

3 PHASE 50/60 Hz

Literature
E7.700

Product Name	Product Number	Input Power	Rated Output Current/Voltage/ Duty Cycle	Input Current @ Rated Output	Output Range	Wire Feed Speed ipm (m/min)	H x W x D in (mm)	Net Wt lb (kg)
AlumaFab® 350 Air-Cooled Package	K6013-1	460V/575V/3/50/60	350A/31.5V/60% 300A/29V/100%	22/19, 19/17	40 - 425A	0-900 (0-22.9)	16.6 x 13.3 x 26.7 (421.1 x 337.2 x 678.4)	91 (41)
AlumaFab® 350 Water-Cooled Package	K6014-1							

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

SP-140T®

[K5261-1]

- SP-140T® Wire Feeder Welder
- Magnum® PRO 100L Gun, 10 ft. (3.0 m)
- Gas Nozzle
- Gas Diffuser
- Cable Liner
- Contact Tips 0.035 in. (0.9 mm)
- Work Cable and Clamp
- Adjustable Gas Regulator and Hose
- Spindle Adapter
- 0.025-0.030 in. (0.6-0.8 mm) and 0.035 in. (0.9 mm) Smooth Drive Roll for MIG & FCAW

POWER MIG® 140 MP®

Base Model [K4498-1]

- POWER MIG® 140 MP® Multi-Process Welder
- Magnum® PRO 100L Gun and 10 ft. (3.0 m) Cable Assembly with Brass Connection and 8-Pin Trigger Connector
- 0.025 in. (0.6 mm) Tapered Contact Tips (Qty 3)
- 0.035 in. (0.9 mm) Tapered Contact Tips (Qty. 3)
- Gasless Nozzle For Innershield® Welding
- Gas Nozzle For MIG Welding
- Spindle Adapter for 8 in. (203 mm) Diameter Spools
- 0.025-0.035 in. (0.6-0.9 mm) Wire Diameter Dual Track Drive Roll For MIG and Flux-Cored Welding
- Harris® Gas Regulator and 52 in. (132.08 cm) Hose for use with Ar/Co_2 Blend Gases. For use with CO_2 Shielding Gas, Order a Lincoln Electric CO_2 Shielding Gas Bottle Adapter
- Sample Spool of 0.025 in. (0.6 mm) Diameter SuperArc® L-56® Premium MIG Wire
- Sample Spool of 0.035 in. (0.9 mm) Diameter Innershield® NR®-211-MP Flux-Cored Wire
- Work Clamp and 10 ft. (3.0 m) Cable
- Instruction Manual
- Quick Start Guide
- Electrode Holder with 10 ft. (3.0 m) Cable for Stick Welding

TIG One-Pak® [K4499-1]

- Everything Listed Above for Base Model K4498-1
- PTA-9 TIG Torch, 12.5 ft. (3.8 m), 1 pc (K1782-16)
- Foot Pedal (K4361-1)
- Flux-Cored/MIG Wire Drive Roll 0.025 -0.035 in. (0.6-0.9 mm) (KP2948-1)

POWER MIG® 211i

Base Model [K6080-1]

- POWER MIG® 211i
- Magnum® PRO 100L Gun 10 ft. (3.0 m) (K4528-1)
- 120V to 230V Power Cord Adapter
- Work Cable and Clamp
- Adjustable Gas Regulator and Hose
- Gas Nozzle
- Gun Cable Liner (pre-installed in gun)
- Spindle Adapter
- Sample 2 lb. (1 kg) 0.030 in. (0.76 mm) Spool of SuperArc® L-56® Mild Steel MIG Wire (ED030631)
- 0.030 in. (0.8 mm) Contact Tips (Installed)
- 0.030-0.035 in. (0.8-0.9 mm) Drive Roll (Installed)
- 0.030-0.045 in. (0.8-1.1 mm) Knurled Drive Rolls
- 0.025-0.035 in. (0.6-0.9 mm) Wire Guide (Installed)

POWER MIG® 215 MPi™

Base Model [K4876-1]

- POWER MIG® 215 MPi™ Multi-Process Welder
- K4076-1 Magnum® PRO 175L Gun 10 ft. (3.0 m)
- 230V to 120V Power Cord Adapter
- Work Cable and Clamp
- Electrode Holder and Lead Assembly
- Adjustable Gas Regulator and Hose
- Gasless Nozzle
- Gun Cable Liner (pre-installed in gun)
- Spindle Adapter
- ED030631 Sample 2 lb. (1 kg) 0.030 Spool of SuperArc® L-56® Mild Steel MIG Wire (ED030631)
- Contact Tips 0.025 in. (0.6 mm)
- Contact Tips 0.035 in. (0.9 mm)
- Drive Rolls 0.025-0.030 in. (0.6-0.8 mm) and 0.035 in. (0.9 mm) (Installed)
- Knurled Drive Roll 0.030-0.045 in. (0.8-1.1 mm)
- Wire Guide 0.045 in. (1.1 mm) and 0.025-0.035 in. (0.6-0.9 mm) (Installed)



Shown:
SP-140T®



Shown:
POWER MIG® 140 MP®
TIG One-Pak®



Shown:
POWER MIG® 211i
Base Model

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

Aluminum One-Pak® [K4877-1]

- POWER MIG® 215 MPi™ Multi-Process Welder
- Magnum® PRO 175L Gun 10 ft. (3.0 m) (K4076-1)
- Magnum® PRO 100SG Spool Gun (K3269-1)
- 230V to 120V Power Cord Adapter
- Work Cable and Clamp
- Electrode Holder and Lead Assembly
- Adjustable Gas Regulator and Hose
- Gasless Nozzle
- Gun Cable Liner (Pre-Installed in Gun)
- Spindle Adapter
- Sample 2 lb. (1 kg) 0.030 Spool of SuperArc® L-56® Mild Steel MIG Wire (ED030631)
- Contact Tips 0.025 in. (0.6 mm)
- Contact Tips 0.035 in. (0.9 mm)
- Drive Rolls 0.025-0.030 in. (0.6-0.8 mm) and 0.035 in (0.9 mm) (Installed)
- Knurled Drive Roll 0.030-0.045 in. (0.8-1.1 mm)
- Wire Guide 0.045 in. (1.1 mm) and 0.025-0.035 in. (0.6-0.9 mm) (Installed)

TIG One-Pak® [K4878-1]

- POWER MIG® 215 MPi™ Multi-Process Welder
- Magnum® PRO 175L Gun 10 ft. (3.0 m) (K4076-1)
- PTA-17 Ultra-Flex™ TIG Torch 12.5 ft. (3.8 cm) (K1782-1)
- Twist Mate™ TIG Torch Adapter (K1622-1)
- Foot Amptrol™ (K870)
- PTA-17V TIG Torch Parts Kit (KP508)
- 230V to 120V Power Cord Adapter
- Work Cable and Clamp
- Electrode Holder and Lead Assembly
- Adjustable Gas Regulator and Hose
- Gasless Nozzle
- Gun Cable Liner (Pre-Installed in Gun)
- Spindle Adapter
- Sample 2 lb. (0.91 kg) Spool of SuperArc® L-56® MIG Wire (ED030631)
- Contact Tips 0.025 in. (0.6 mm)
- Contact Tips 0.035 in. (0.9 mm)
- Drive Rolls 0.025-0.030 in. (0.6-0.8 mm) and 0.035 in. (0.9 mm) (Installed)
- Knurled Drive Roll 0.030-0.045 in. (0.8-1.1 mm)
- Wire Guide 0.045 in. (1.1 mm) and 0.025-0.035 in. (0.6-0.9 mm) (Installed)

POWER MIG® 220 AC/DC

Base Model (K5379-1)

- POWER MIG® 220 AC/DC Multi-Process Welder
- Magnum® PRO 175L Welding Guns - POWER MIG® 220, 10 ft. (3 m) (K4529-1)
- Caliber® 17 Series 150 Amp Air-Cooled TIG Torch with Flexible Head and Ultra-Flex™ Cable Assembly (K5339-17F-1)
- Caliber® 17/18/26 Series TIG Torch Expendables Kit - 0.040-3/32 in. (1.02-2.38 mm) (KP4760-MD)
- Work Cable and Clamp Assembly 10 ft. (3.0 m)
- Stick Electrode Holder and Lead Assembly 10 ft. (3.0 m)
- 120V to 240V Power Cord Adapter 20 in. (0.5m)
- Adjustable Gas Regulator and Hoses
- Magnum® PRO 100L & 175L Gasless Nozzle (KP3084-1)
- SuperArc® L-56® MIG (GMAW) Wire 0.030 in. (0.8 mm) (ED030631)
- Contact Tips 0.025 in. (0.6mm)
- Contact Tips 0.030 in. (0.8mm)
- Contact Tips 0.035 in. (0.9mm)
- Drive Roll 0.025-0.030 in. (0.6-0.8 mm) Smooth (KP2529-1)
- Drive Roll 0.030-0.045 in. (0.8-1.1 mm) Smooth (KP2529-2)
- Drive Roll 0.030-0.045 in. (0.8-1.1 mm) Knurled (KP2529-3)
- Inner Wire Guide 0.025-0.035 in. (0.6-0.9 mm) (KP2531-1)
- Inner Wire Guide 0.045 in. (1.1 mm) (KP2531-2)
- Model 601-Ar5-30-580 Single-Stage Flowgauge Regulator (3000369)
- Foot Amptrol™ 25 ft. (7.6 m) 6 pin (K870)

POWER MIG® 262

Base Model [K5706-1]

- Magnum® PRO 250L Welding Gun (K4530-2)
- Adjustable Gas Regulator and Hose (K586-1)
- Drive Roll Kit 0.035/0.045 in. (0.9/1.1 mm) (KP1696-1)
- 10 ft. Work Cable with Clamp
- 10 ft. Power Cable with Plug



Shown:
POWER MIG® 215 MPi™ TIG
One-Pak®



Shown:
POWER MIG® 262MP
Base Model

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

POWER MIG® 262P

Base Model (K5378-1)

- Magnum® PRO 250L Welding Gun (K4530-2)
- Adjustable Gas Regulator and Hose (K586-1)
- Drive Roll Kit 0.035/0.045 in. (0.889/1.143 mm) (KP1696-1)
- 10 ft. (3.0 m) Work Cable with Clamp
- 10 ft. (3.0 m) Power Cable with Plug

POWER MIG® 262MP

Base Model (K5376-1)

- POWER MIG® 262MP Welder
- Magnum® PRO 250L Welding Gun (K4530-2)
- Adjustable Gas Regulator and Hose (K586-1)
- Drive Roll Kit 0.035/0.045 in. (0.9/1.1 mm) (KP1696-1)
- Quick Storage Accessories
- 10 ft. (3.0 m) Work Cable with Clamp
- 10 ft. (3.0 m) Power Cable with Plug

Aluminum One-Pak® (Push Gun) [K5637-1]

- POWER MIG® 262MP Welder
- Magnum® PRO 250L Welding Gun (K4530-2)
- Adjustable Gas Regulator and Hose (K586-1)
- Drive Roll Kit 0.035/0.045 in.(0.9/1.1 mm) (KP1696-1)
- Quick Storage Accessories
- 10 ft. (3.0 m) Work Cable with Clamp
- 10 ft. (3.0 m) Power Cable with Plug
- Magnum® Pro Curve™ 300AL (K4700-1-6-116A)
- 3/64 in. SuperGlaze® 5554 16 lb. (7.3 kg) Spool (ED029573)
- Aluminum Drive Roll Kit (KP1695-3/64A)

Aluminum One-Pak® (Push-Pull Gun) [K5638-1]

- POWER MIG® 262MP Welder
- Magnum® PRO 250L Welding Gun (K4530-2)
- Adjustable Gas Regulator and Hose (K586-1)
- Drive Roll Kit 0.035/0.045 in. (0.9/1.1 mm) (KP1696-1)
- Quick Storage Accessories
- 10 ft. (3.0 m) Work Cable with Clamp
- 10 ft. (3.0 m) Power Cable with Plug
- Magnum® PRO AL Rear Trigger Gun 25 ft. (7.62 m) (K4795-2)
- 3/64 in. (1.2 mm) SuperGlaze® 5554 16 lb. (7.3 kg) Spool (ED029573)
- Aluminum Drive Roll Kit (KP1695-3/64A)

Educational One-Pak® [K5636-1]

- POWER MIG® 262MP Welder
- Magnum® PRO 250L Welding Gun (K4530-2)
- Adjustable Gas Regulator and Hose (K586-1)
- Drive Roll Kit 0.035/0.045 in. (0.9/1.1 mm) (KP1696-1)
- Quick Storage Accessories
- 10 ft. (3.0 m) Work Cable with Clamp
- 10 ft. (3.0 m) Power Cable with Plug
- Dual Cylinder Cart (K3676-1)
- TIG Torch Twist Mate™ to Stud Adaptor (K2505-3)
- Stick Electrode Holder (K2374-1)
- Work Lead/Ground Clamp (K1803-3)
- Foot Amptrol™ (K870)
- TIG Torch Ready-Pak® (K1782-14)
- Parts Kit for PTA 17 TIG Torch (KP508)
- Flowmeter Regulator (3100211)

POWER MIG® 360MP

Base Model (K4467-1)

- POWER MIG® 360MP Multi-Process
- Magnum® PRO Curve™ 300 Gun 15 ft. (4.5 m) (K2951-2)
- 0.035/0.045 in. (0.9/1.1 mm) Drive Rolls and Wire Guide for Steel
- Gas Regulator and Hose
- Work Clamp and Cable
- 230V Input Cord and Plug
- 115V AC Auxiliary Power Receptacle
- Storage Compartment

Aluminum Rear Trigger One-Pak® for Trailer Mfg/Gen Fabrication (K4662-1)

- Everything Listed Above for Base Model (K4467-1)
- Magnum® PRO AL FC 225 Air 12-Pin Rear Trigger Gun 25 ft. (7.6 m) (K4795-2)
- Aluminum Wire Drive Roll Kit, 2-roll, 3/64 in. (1.2 mm) (KP1695-3/64A)
- SuperGlaze® 5356 3/64 in. (1.2 mm), 16 lb. (7.3 kg) spool
- 12F to 7M Adapter (K2910-2)



Shown:
POWER MIG® 262MP
Educational One-Pak®



Shown:
POWER MIG® 360 MP
Education One-Pak® Package



Shown: POWER MIG® 360MP
Aluminum One-Pak®

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

Aluminum Rear Trigger One-Pak® for Auto Repair (K4663-1)

- Everything Listed Above for Base Model (K4467-1)
- Magnum® PRO AL FC 225 Air 12-Pin Rear Trigger 25 ft. (7.6 m) (K4795-2)
- Aluminum Wire Drive Roll Kit, 2-roll, 3/64 in. (1.2 mm) (KP1695-3/64A)
- Connector Cable 12F to 7M
- SuperGlaze® 5554 3/64 in. (1.2 mm), 16 lb. (7.3 kg) spool (ED029573)

Aluminum Front Trigger One-Pak® For Trailer Mfg/General Fabrication (K4784-1)

- Everything Listed Above for Base Model (K4467-1)
- Magnum® PRO AL FC 225 Air 12-Pin Front Trigger 25 ft. (7.6 m) (K4797-2)
- Aluminum Drive Roll Kit, 2-Roll, 3/64 in. (1.2 mm)
- SuperGlaze® 5356 3/64 in. (1.2 mm) 16 lb. (7.3 kg) Spool
- 12F to 7M Adapter (K2910-2)

Aluminum Front Trigger One-Pak® For Auto Repair (K4785-1)

- Everything Listed Above for Base Model (K4467-1)
- Magnum® PRO AL FC 225 Air 12-Pin Front Trigger 25 ft. (7.6 m) (K4797-2)
- Aluminum Wire Drive Roll Kit, 2-Roll, 3/64 in. (1.2 mm)
- SuperGlaze® 5554 3/64 in. (1.2 mm) 16 lb. (7.3 kg) Spool
- 12F to 7M Adapter (K2910-2)

Education One-Pak® (K4778-1)

- Everything Listed Above for Base Model (K4467-1)
- Drive Roll and Guide Tube Kit 0.035/0.045 in. (0.9/1.1 mm) Solid Wire (KP1696-1)
- PTA-17F TIG Torch Ready-Pak® 12.5 ft. (3.8 m) (K1782-14)
- Stick Electrode Holder and Cable (Includes Twist Mate™ Connector) (K2374-1)
- Foot Amptrol™ 25 ft. (7.6 m) 6 pin (K870)
- Dual Cylinder Cart (K3676-1)
- Weld Cable Package - Work Lead - TM & GC500 Ground Clamp (2/0, 350A, 60%) - 15 ft. (4.6 m) (K1803-3)
- Model 355-2Ar-58010 Flowmeter Regulator Shielding Gas Kit (3100211)
- TIG Torch Twist Mate™ to Stud Adapter Cable, 2 ft. (3.7m) Gas Hose (K2505-3)
- Parts Kit for PTA-17 TIG Torch (KP508)

POWER MIG® 360MP Without Input Cord [K4467-2]

- Magnum® PRO Curve™ 300 Gun 15 ft. (4.5 m)
- 0.035/0.045 in. (0.9/1.1 mm) Drive Rolls and Guide for Steel
- Model 355-2Ar-58010 Flowmeter Regulator Shielding Gas Kit (3100211)
- Work Clamp and Cable
- 115V AC Auxiliary Power Receptacle
- Storage Compartment

AlumaFab®

Air Cooled Package (K6013-1)

- AlumaFab® 350 Power Source
- AlumaFab® Controller
- AlumaFab® Feeder w/Control Cable and Weld Cable
- Work Lead 2/0, Tweco® to GC500, 15 ft. (K4835-2/0-15)
- Flextec® 350X Locking Foot Kit (K4424-1)
- Cart for Inverter and Wire Feeder (K3059-4)
- Model 355-2Ar-58010 Flowmeter Regulator Shielding Gas Kit (3100211)

Water Cooled Package (K6014-1)

- AlumaFab® 350 Power Source
- AlumaFab® Controller
- AlumaFab® Feeder w/ Control Cable and Weld Cable
- Work Lead 2/0, Tweco® to GC500, 15 ft. (K4835-2/0-15)
- Flextec® 350X Locking Foot Kit (K4424-1)
- Cool Arc® 55 Water Cooler (K3086-1)
- Cart for Inverter and Wire Feeder (K3059-4)
- Model 355-2Ar-58010 Flowmeter Regulator Shielding Gas Kit (3100211)



Shown:
AlumaFab® Water Cooled MIG Welding System

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Accessories

Product Name	Product No.	SP-140T® Base Model K5261-1	POWER MIG® 140 MP® Base Model K4498-1	POWER MIG® 211i Base Model K6080-1	POWER MIG® 215 MPi™ Base Model K4876-1	POWER MIG® 220 AC/DC Base Model K5379-1	POWER MIG® 262 Base Model K5706-1	POWER MIG® 262P Base Model K5378-1	POWER MIG® 262MP Base Model K5376-1	POWER MIG® 360MP Base Model K4467-1
GENERAL										
Welding Cart (80 cu. ft Bottle Capacity)	K2275-1	•	•							
Utility Cart (150 cu. ft Bottle Capacity)	K520-1	•	•	•	•	•				
Portable Welding Table and Workbench	K5334-1	•	•	•	•	•	•	•	•	•
CanVAS™ Cover, Small	K2377-1	•	•	•						
CanVAS™ Cover, Small Medium	K2377-2				•	•				
Canvas Cover, Power Wave® 300C and POWER MIG® 260/360 MP	K3675-1						•	•	•	•
Spot Timer Kit	K2525-1		•							
Accessory Bag	K3071-1		•							
8 in (203.2 mm) O.D. Spool Adapter	K468						•	•	•	
Harris® Aluminum Flow/Regulator	3100546						•	•	•	
Dual Cylinder Cart	K3676-1						•	•	•	•
Drive Roll, 0.025-0.030 in (0.6-0.8 mm) Smooth	KP2529-1			•	•	•				
Drive Roll, 0.035 in (0.9 mm) Smooth	KP2529-2			•	•	•				
Drive Roll, 0.030-0.045 in (0.8-1.1 mm) Knurled	KP2529-3			•	•	•				
Inner Wire Guide, 0.025-0.035 in (0.6-0.9 mm) Steel	KP2531-1			•	•	•				
Inner Wire Guide, 0.045 in (1.1 mm) Steel	KP2531-2			•	•	•				
Replacement Screen Shield	KP4140-1				•					
Replacement Lens 7 in (178 mm)	KP4395-1						•	•	•	•
Drive Roll Kit, 0.023-0.030 in (0.6-0.8 mm) Solid Wire	KP1696-030S						•	•	•	•
Drive Roll Kit, 0.035 in (0.9 mm) Solid Wire	KP1696-035S						•	•	•	•
Drive Roll Kit, 0.035 and 0.045 in (0.9 and 1.1 mm) Solid Wire	KP1696-1						•	•	•	•
Drive Roll Kit, 0.040 in (1.0 mm) Solid Wire	KP1696-2						•	•	•	•
Drive Roll Kit, 0.045 in (1.1 mm) Solid Wire	KP1696-045S						•	•	•	•
Drive Roll Kit, 0.030-0.035 in (0.8-0.9 mm) Cored Wire	KP1697-035C						•	•	•	•
Drive Roll Kit, 0.040-0.045 in (1.0-1.1 mm) Cored Wire	KP1697-045C						•	•	•	•
Drive Roll Kit, 0.035 in (0.9 mm) Aluminum Wire	KP1695-035A						•	•	•	•
Drive Roll Kit, 3/64 in (1.2 mm) Aluminum Wire	KP1695-3/64A						•	•	•	•
Spindle Adapter for 14 lb (6.35 kg) Coils	K435				•		•	•	•	
Readi-Reel™ Adapter	K363P						•	•	•	
Weld Fume Control System	—	•	•	•	•	•	•	•	•	•
STICK										
Accessory Kit, 400 Amp	K704						•	•	•	•

• Optional

Accessories

Product Name	Product No.	SP-140T® Base Model K5261-1	POWER MIG® 140 MP® Base Model K4498-1	POWER MIG® 211i Base Model K6080-1	POWER MIG® 215 MPi™ Base Model K4876-1	POWER MIG® 220 AC/DC Base Model K5379-1	POWER MIG® 262 Base Model K5706-1	POWER MIG® 262P Base Model K5378-1	POWER MIG® 262MP Base Model K5376-1	POWER MIG® 360MP Base Model K4467-1
TIG										
Adapter, Twist Mate™ TIG Torch Kit PTA-9/PTA-17	K1622-1				•	•				
Pro-Torch™ TIG Torches	See Gun Sec.									•
Parts Kit For PTA-17 Series Torches	KP508				•	•			•	•
Parts Kit For PTW-18 and -26 Series Torches	KP509								•	•
Foot Amptrol™	K870				•	•			•	•
Hand Amptrol™ (Rotary Track Style)	K963-3				•	•			•	•
Arc Start™ Switch	K814									•
Caliber® 17 Series 150 Amp Air-Cooled TIG Torch 12.5 ft (3.8 m)	K5339-17F-1					•				
Caliber® 17/18/26 Series Medium Duty TIG Torch Parts Kit	KP4760-MD					•				
PTA-17 Ultra-Flex™ TIG Torch 12.5 ft (3.8 m)*	K1782-1				•	•				
PTA-17 150 Amp Air-Cooled TIG Torch, 12.5 ft Cable*	K1782-2				•	•			•	
PTA-17 150 Amp Air-Cooled TIG Torch 25 ft Cable*	K1782-4				•	•			•	
PTA-26 200 Amp Air-Cooled TIG Torch, 12.5 ft Cable	K1783-2								•	
PTA-26 200 Amp Air-Cooled TIG Torch 25 ft Cable	K1783-4								•	
Caliber® 26 Series TIG Torch, Flexible, 12.5 ft*	K4842-26F-1				•	•				
Caliber® 9 Series TIG Torch, Flexible, 12.5 ft	K4844-9F-1				•	•				
Cut Length Consumables	See C1.10									•
Caliber® Stubby Torch Parts Kit - 17/18/26 Torches	KP4765-ST				•	•				

*Adapter K1622-3 required

For more information on our Extended Warranty program, visit www.lincolnelectric.com/warranty

• Optional

Accessories

Product Name	Product No.	SP-140T® Base Model K5261-1	POWER MIG® 140 MP® Base Model K4498-1	POWER MIG® 211i Base Model K6080-1	POWER MIG® 215 MPi™ Base Model K4876-1	POWER MIG® 220 AC/DC Base Model K5379-1	POWER MIG® 262 Base Model K5706-1	POWER MIG® 262P Base Model K5378-1	POWER MIG® 262MP Base Model K5376-1	POWER MIG® 360MP Base Model K4467-1
WIRE FEEDER / PUSH-PULL GUNS										
Magnum® PRO AL FC 225 Air-Cooled Push-Pull Guns										
Front Trigger, 12-Pin, 15 ft (4.5 m)	K4797-1						•	•	•	•
Front Trigger, 12-pin, 25 ft (7.6 m)	K4797-2						•	•	•	•
Front Trigger, 12-pin, 35 ft (10.6 m)	K4797-3						•	•	•	•
Front Trigger, 12-pin, 50 ft (15.2 m)	K4797-v4						•	•	•	•
Rear Trigger, 12-pin, 15 ft (4.5 m)	K4795-1						•	•	•	•
Rear Trigger, 12-pin, 25 ft (7.6 m)	K4795-2						•	•	•	•
Rear Trigger, 12-pin, 35 ft (10.6 m)	K4795-3						•	•	•	•
Rear Trigger, 12-pin, 50 ft (15.2 m)	K4795-4						•	•	•	•
Magnum® PRO AL FC 450 Water-Cooled Push-Pull Guns										
Rear Trigger, 12-pin, 15 ft (4.5 m)	K4796-1						•	•	•	•
Rear Trigger, 12-pin, 25 ft (7.6 m)	K4796-2						•	•	•	•
Rear Trigger, 12-pin, 35 ft (10.6 m)	K4796-3						•	•	•	•
Rear Trigger, 12-pin, 50 ft (15.2 m)	K4796-4						•	•	•	•
12 Pin to 7 Pin Adapter	K2910-2						•	•	•	•
12M to 7F Connector Cable	K2910-1						•	•	•	•
Magnum® PRO Curve™ 300 Series										
10 ft (3.0 m)	K2951-1									•
15 ft (4.5 m)	K2951-2									•
20 ft (6.1 m)	K2951-3									•
25 ft (7.6 m)	K2951-4									•
Magnum® PRO AL Pistol Grip Push-Pull Guns, Air Model										
15 ft (4.6 m)	K3478-1									•
25 ft (7.6 m)	K3478-2									•
35 ft (10.7 m)	K3478-3									•
Cougar™ Air-Cooled Push-Pull Gun, 7-pin, 25 ft (7.6 m)	K2704-2									•
Cougar™ Air-Cooled Push-Pull Gun, 7-pin, 50 ft (15.2 m)	K2704-3									•
SPOOL GUN										
Magnum® PRO 100SG Spool Gun	K3269-1	•		•	•	•				
Magnum® PRO 100SG Spool Gun – 8-pin	K4360-1		•							
Magnum® PRO 150SG Spool Gun	K5471-1	•	•	•	•	•				
Magnum® PRO 250LX Spool Gun	K3570-2						•	•	•	•
Control Cable Extension, 25 ft (7.6 m)	K2519-1									•
Spool Gun Holder	K1738-1									•
2-YEAR EXTENDED WARRANTY AVAILABLE	–	•	•	•	•	•	•	•	•	•

• Optional



MULTI-PROCESS WELDERS

MODEL	OUTPUT			COMPATIBILITY				PROCESS								INPUT		FEATURES
	Mode	Polarity	Current Range (Amps)	12-Pin Accessory	14-Pin Analog Feeder	5-pin ArcLink® Feeder	Pulse Capable w/ArcLink®	Stick	TIG	MIG	MIG Pulse	Flux-Cored	STT®	Submerged Arc	Arc Gouge	Phase	Hertz	CrossLinc®
INVERTER TECHNOLOGY																		
PIPEFAB®	CC/CV	DC	5-400	•		•	•	●	●	●	●	●	●		◒	3	50/60	
Flextec® 335XS	CC/CV	DC	5-425A			•	•	●	●	●	●*		●**		◒	3	50/60	•
Flextec® 350X Construction	CC/CV	DC	5-425	•				●	●	●		●			◒	3	50/60	•
Flextec® 350XP	CC/CV	DC	5-425	•	•	•	•	●	●	●	●	●			◒	3	50/60	•
Flextec® 350X PowerConnect®	CC/CV	DC	5-425	•	•	•	•	●	●	●	●*	●	●**		◒	1/3	50/60	•
Flextec® 500X	CC/CV	DC	5-500	•	•	•	•	●	●	●	●	●			●	3	50/60	•
Flextec® 650X	CC/CV	DC	10-815	•	•	•		●	●	●		●		●	●	3	50/60	•
PERFORMANCE MONITORING																		
Arc Tracker®	CC/CV	DC	–					●	●	●	●	●		●		1	50/60	

*Pulse requires the use of a compatible ArcLink® wire feeder. **STT® Field available only when paired with the Activ8X® Pipe wire feeder

KEY: ● Excellent ◒ Good ○ Optional

PIPEFAB®

The Ideal Setup for Pipe & Vessel Fabrication

- Breakthrough arc performance with weld modes fine-tuned for pipe and vessel fabrication
- Straightforward and simple control with digital user interface and one-click process selection
- Ready-to-Run® design and Cable View® technology to monitor cable inductance
- Industry-leading 5-year warranty



Processes
- Stick
- TIG
- MIG
- STT® MIG
- Pulsed MIG
- Flux-Cored
- HyperFill®
- Low Fume Pulse™

Output

CC CV | DC

Input

3 PHASE | 50/60 Hz | 40 VDC

Literature
E5.13

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
PIPEFAB® Power Source	K3731-1	200-208/220-230/ 380-415/460/575	STICK: 55-400A/36V/100% MIG: 40-400A/34V/100% FLUX-CORED: 40-400A/34V/100% TIG: 5-400A/26V100%	53/46/26/24/19	5-400A	22.1 x 17.5 x 34.8 (561.3 x 444.5 x 883.9)	206.5 (93.7)
PIPEFAB® Feeder	K3735-1	40V DC				14.5 x 22 x 30.2 (368.3 x 558.8 x 767)	80 (36.3)
PIPEFAB® Ready-Pak®	K3734-1	—				43.5 x 30.9 x 48.5 (1104.9 x 784.9 x 1231.9)	340 (154.2)
HyperFill® Water Cooled PIPEFAB® Ready-Pak®	K5753-1	200/208/220/230/380/400/ 415/460/575				59.5 x 30.9 x 48.5 (1511 x 771 x 1231)	410 (186)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Flextec® 350X Construction

A Rugged Multi-Process Power Source for Field Welding Applications

- Simple operator panel minimizes setup time
- Reliable components designed to run cool for long life in high temperature environments - IP23 and Desert Duty® rated
- CrossLinc® Technology enables remote procedure setting at the feeder without additional control cables to save time and improve weld quality
- Ideal field welding solution when stick, TIG, or wire welding using a CrossLinc® wire feeder
- 5-Year Warranty



Processes
- Stick
- DC TIG
- MIG
- Flux-Cored
- Arc Gouging

Output

CC CV | DC | ···

Input

3 PHASE | 50/60 Hz

Literature
E5.109

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Flextec® 350X Construction (Tweco®)	K4271-2	380/460/575/3/50/60	300A/32V/100% 350A/34V/60%	23/20/21 18/17/17	5-425A Max OCV 80V DC	17 x 13 x 23 (432 x 330 x 584)	77 (34.9)
Construction (Twist Mate™/ Dinse®)	K3441-2						
Construction/LN-25X® One-Pak®	K4278-3						127 (58)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Flextec® 350XP

A Rugged Multi-Process Power Source for Fabrication Shop Solutions

- Simple operator panel minimizes setup time
- Reliable components designed to run cool for long life in high temperature environments - IP23 and Desert Duty® rated
- Flexible enough to work with across-the-arc, analog, and digital or CrossLinc® wire feeders
- Includes Pulsed MIG when using an ArcLink® capable wire feeder
- 5-Year Warranty



Processes
- Stick
- DC TIG
- MIG
- Pulsed MIG*
- Flux-Cored
- Arc Gouging

Output

Input

Literature
E5.109

* Pulsed MIG only available with compatible ArcLink® wire feeder

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Flextec® 350XP Base Model (Tweco®)	K4272-2	380/460/575/3/50/60	350A/34V/60% 300A/32V/100%	23/20/21 18/17/17	5-425A Max OCV: 80V DC	17 x 13 x 23 (432 x 330 x 584)	82 (37.1)
Base Model (Twist Mate™)	K3442-2						
Power Feed® 84 One-Pak®	K3438-3						159 (72.1)
DLF-82 Ready-Pak®	K5335-1						278 (126.1)
DLF-84 Ready-Pak®	K5921-1					58 x 34 x 53 (1473.2 x 868.6 x 1346.2)	430 (195.5)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Flextec® 335XS

Precision and Durability for Any Job

- Purpose-designed to deliver reliable, multi-process performance in the toughest environments
- Specifically engineered to work seamlessly with CrossLinc® accessories and ArcLink® wire feeders to enhance power source durability, simplify setup, and improve overall jobsite reliability
- Weighs just 50 lbs. for easy transport and maneuverability
- Industry-leading 5-year warranty



Processes
- SMAW
- GMAW
- GMAW-P*
- FCAW
- CAC-A (gouging)
- STT® Field***

Output

Input

Literature
E5.220

* Pulse requires the use of a compatible wire feeder.
*** STT® Field available only when paired with the Activ8X® Pipe wire feeder

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Flextec® 335XS (Twist Mate™)	K4851-1	380/460/575/3/50/60	335A/33.4V/60% 300A/32V/100%	25/24/22	5-425A	13.16 x 23.37 x 23.37 (334 x 594 x 594)	50 (23)
Flextec® 335XS (Tweco®)	K4850-1			23/21/19			

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Flextec® 350X PowerConnect®

A Rugged Multi-Process Power Source for Maximum Flexibility

- Simple operator panel minimizes setup time
- Reliable components designed to run cool for long life in high temperature environments - IP23 and Desert Duty® rated
- Flexible enough to work with across-the-arc, analog, digital or CrossLinc® wire feeders; weld mode changes and automatic weld mode selections can be made via CrossLinc®
- Automatically connects to any input voltage 200-600V, 1/3-phase, 50/60 Hz
- Software updates are available via USB
- 5-Year Warranty



Processes

- Stick
- Flux-Cored
- DC TIG
- Arc Gouging
- MIG
- STT**
- Pulsed MIG**

Output

CC CV | DC

Input

1/3 PHASE | 50/60 Hz

Literature

E5.109

*Available only with Activ8X® Pipe Feeder
** Pulsed MIG only available with compatible ArcLink® wire feeder

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Flextec® 350X PowerConnect® Base Model (Tweco®)	K4273-2	200-208/220-230/380-415/460/575 3-Ph: 50/60 Hz	350A/34V/60%	45/40/23/19/15	5-425A Max OCV: 80V DC	17 x 13 x 24 (432 x 330 x 609)	77 (35)
Base Model (Twist Mate™/ Dinse®)	K3443-2		300A/32V/100%	37/33/19/16/13			
Tweco® Activ8X® Pipe One-Pak®	K5802-1						154 (69.9)
DLF-82 Ready-Pak®	K5336-4						158 (71.7)
DLF-82 Education Ready-Pak®	K5336-5						
DLF-84 Ready-Pak®	K5922-1					58 x 34 x 53 (1473.2 x 863.6 x 1346.2)	488 (221.8)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Flextec® 500X

Powerful Performance from the Ground Up

- Streamlined operator panel minimizes setup time
- Components designed to run cool for long life in high temperature environments
- Compatible with a variety of wire feeders – analog, digital and across-the-arc
- Premium multi-process arc characteristics for wire, stick and DC TIG processes
- Features CrossLinc® Technology to help improve jobsite safety, quality and productivity
- 5-Year Warranty



Processes

- Stick
- DC TIG
- MIG
- Pulsed MIG*
- Flux-Cored
- Arc Gouging

Output

CC CV | DC | Spool Gun

Input

3 PHASE | 50/60 Hz

Literature

E5.108, 5.108 and M17-08

*Pulsed MIG only available with compatible ArcLink® wire feeder

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Flextec® 500X Base Model	K3607-1	380/460/575/3/50/60	500A/40V/60% 450A/38V/100%	39/31/31 33/27/27	5-500A	18.8 x 14 x 26.5 (477 x 356 x 673)	120 (54.4)
Flex Feed® 84 Ready-Pak®	K3608-4						352 (159.7)
Power Feed® 84 Heavy Duty Ready-Pak®	K3608-3						
DLF-82 Ready-Pak®	K3608-5						334 (151.5)
Activ8X® One-Pak®	K3612-7						185 (84)
Flex Feed® 74HT One-Pak®	K3612-3						218 (98.9)
Flex Feed® 84 Heavy Duty One-Pak®	K3612-4						
Power Feed® 84 Heavy Duty One-Pak®	K3612-5						
Power Feed® 25M/Magnum® PRO Aluminum RT Push-Pull One-Pak®	K3612-9						201 (91.2)
Power Feed® 25M, Magnum® PRO Aluminum FT Push-Pull One-Pak®	K6554-1						
DLF-84 Ready-Pak®	K5923-1					58 x 34 x 53 (1473.2 x 863.2 x 1346.2)	488 (221.8)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Flextec® 650X

Multi-Process Power for Heavy Duty Applications

- Delivers up to 815A of welding power for construction, shipbuilding and heavy fabrication
- CrossLinc® Technology delivers full functionality without control cables for greater productivity, enhanced quality and improved job site safety
- Compatible with most Lincoln Electric feeders including portable across-the-arc, CrossLinc®, ArcLink® and analog bench or boom models
- Engineered for outdoor use and harsh environments (IP23 rated)



Processes
- Stick
- DC TIG
- MIG
- Flux-Cored
- Submerged Arc
- Arc Gouging

Output

CC CV | DC

Input

3 PHASE | 50/60 Hz

Literature
E5.96

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Flextec® 650X Base Model	K3425-1	380/460/575/3/50/60	750/44/60%[1]	61/50/40A	40-815A	21.8 x 16.1 x 29.3 (554 x 410 x 745)	165 (75)
Flex Feed® 84 One-Pak®	K3514-1		650/44/100%[1]	57/47/38A			235 (106.6)
			GTAW: 750/34/60%		GTAW: 10-815A		
			GTAW: 650/34/100%		SMAW: 15-815A		

[1]Output is limited to 600A/100% and 700A/60% when used with the K3091-1 Multi-Process Switch

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Flextec® Controller

Take on More

- Designed to unlock more control and features with all Flextec® multi-process welders via 12-pin ArcLink® connector
- Spool Gun Control – Easily connects the Magnum® PRO 250LX GT Spool Gun to Flextec® power sources
- Pulsed MIG – Allows synergic pulse control with an across-the-arc feeder or spool gun
- User-Friendly Display – Large digital display with simple knobs for adjusting voltage and wire feed speed
- Memory Capabilities – Stores up to four procedures for quick recall



Connection
- 12-pin ArcLink®

Input

1 PHASE | 40 VDC

Literature
E5.210

Product Name	Product Number	Input	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Flextec® Controller	K5491-1	40VDC Via 12-Pin ArcLink®	7-pin for Magnum® PRO 250LX GT Spool Gun	9 x 8 x 4 (226 x 203 x 101)	5.1 (2.3)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Arc Tracker® Data Monitor

Portable, Powerful Weld Performance Monitoring

- Advanced digital controls sample the welding arc at extremely high speeds
- Simple plug-and-play design enables you to connect to any DC welding circuit, attach voltage leads and immediately monitor arc performance
- Easily calibrated for use in factory quality systems
- Equipped with CheckPoint™ – A cloud-based system to view or analyze your welding data, track equipment usage, store weld data, configure fault limits and more



Processes
- DC Arc Welding Circuits Only (10-1000A @ 100% Duty Cycle)
- Any DC Polarity Welding Process
- Any DC Welding Power Source

Output

CC CV DC

Input

1 PHASE 50/60 Hz

Literature
E5.99

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Arc Tracker®	K3019-1	120-230/1/50/60	NEMA EW1: 1,000/44/100% DC IEC60974-1: 1,000/44/100% DC	0.8A @ 120V AC	—	12 x 9 x 15 (305 x 220 x 381)	20 (9.0)

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

ArcLink® IoT Module

Simplifying Machine Connectivity

- A wireless connectivity solution that brings powerful data collection and cloud-based analytics to our Flextec® systems
- Designed to connect directly with Lincoln Electric's cloud-based CheckPoint® platform
- Easily connect over WiFi for complete visibility into your welding operation; WPA2 encryption provides reliable protection for secure equipment and control access
- Modular design allows for hassle-free installation without the need for extensive machine downtime
- Local Display - Convenient voltage and amperage metering directly on the power source
- Compatible with Flextec® machines with a 12-pin Amphenol connector.



Connection
- Wi-Fi 802.11 a/b/g/n, (Wi-Fi 1/2/3/4)
- Ethernet

Literature
E10.70.2

Product Name	Product Number	Connectivity	H x W x D in (mm)	Net Wt lb (kg)
ArcLink® IoT Module	K4849-1	Wi-Fi 802.11 a/b/g/n @ 2.4 GHz Ethernet Port	7.49 x 8.08 x 5.51 (190.25 x 205.23 x 139.95)	4.5 (2.04)

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

Flextec® 350X Construction

LN-25X® One-Pak® (K4278-3)

- Flextec® 350X Construction (Tweco®) (K4271-2)
- LN-25X® w/CrossLinc® and TVT (No Flowmeter, Tweco®) (K4267-2)
- Magnum® PRO Curve™ HDE™ 250 Welding Guns (K4531-2-10-45)
- 8.5 ft. (2.6 m) Input Power Cord
- Weld Cable Package - Work and Power Lead 2/0 - Tweco® Male and GC500 / Tweco® Male and Lug - 10 ft. (3 m) (K1803-2)

Flextec® 350XP

DLF-82 Ready-Pak® (K5335-1)

- Flextec® 350XP (Tweco®) (K4272-2)
- DLF-82 Bench Model (w/ Gun) (K5282-3)
- 8.5 ft. (2.6 m) Input Cord
- DLF-Feeder Cart Mounting Bracket (K5395-1)
- Flextec® 350X Locking Foot Kit (K4424-1)
- Cart for Inverter and Wire Feeder (K3059-4)
- Weld Cable Package - Work and Power Lead 2/0 - Tweco® Male and GC500 / Tweco® Male and Lug - 10 ft. (3 m) (K1803-2)
- Model 355-2Ar-58010 Flowmeter Regulator Shielding Gas Kit (3100211)

Power Feed® 84 One-Pak® (K3438-3)

- Flextec® 350XP (Tweco®) (K4272-2)
- Power Feed® 84, Heavy Duty, USB (K3328-13)
- 4-Roll Drive & Wire Guide Kit, 0.035-0.045 in. (0.9-1.1 mm) Solid Wire (KP1505-1)
- Magnum® PRO Curve™ HDE™ 250 Welding Guns (K4531-2-10-45)
- Input Power Cord, 8.5 ft. (2.6 m)
- Weld Cable Package - Work and Power Lead 2/0 - Tweco® Male and GC500 / Tweco® Male and Lug - 10 ft. (3 m) (K1803-2)
- Harris® Gas Regulator/Flowmeter and 10 ft. (3.0 m) Hose Kit (3100211)

DLF-84 Ready-Pak® (K5921-1)

- 8.5 ft. Input Cord
- DLF-84 Inverter Cart Platform Bracket (K5959-1)
- DLF-84 Bench Model with Gun (K5287-3)
- Flextec® 350XP (Tweco®) (K4272-2)
- Flextec® 350X Locking Foot Kit (K4424-1)
- Weld Cable Package, Work & Power Lead 2/0, Tweco® Male & GC500 / Tweco® Male & Lug 10 ft. (3 m) (K1803-2)
- Cart for Inverter and Wire Feeder (K3059-4)
- Model 355-2Ar-58010 Flowmeter Regulator Shielding Gas Kit (3100211)

Flextec® 350X PowerConnect®

Activ8X® Pipe One-Pak® (K5802-1)

- Flextec® 350X PowerConnect® (Tweco®) (K4273-2)
- Activ8X® Pipe (Tweco®) (K4717-1)
- Drive Roll Kit Combination 0.035 in. / 0.045 in. (0.9 mm / 1.1 mm) Solid Wire (KP1696-1)
- Magnum® PRO Curve™ HDE™ 250 Welding Guns (K4531-2-10-45)
- Magnum® PRO Nozzle - 350A, Thread-on, Flush, 3/8 in. (9.5 mm) ID (KP2742-1-38F)
- Copper Plus® Contact Tip - 350A, Tapered, .035 in. (0.9 mm) - 10/pack (KP2744-035T)
- Work Lead 2/0, Tweco® to GC500, 15 ft. (4.6 m) (K4835-2/0-15)

DLF-82 Ready-Pak® (K5336-4)

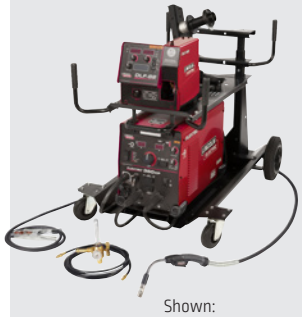
- Flextec® 350X PowerConnect® (Tweco®) (K4273-2)
- DLF-82 Bench Model (w/ Gun) (K5282-3)
- 8.5 ft. (2.6 m) Input Cord
- DLF-Feeder Cart Mounting Bracket (K5395-1)
- Flextec® 350X Locking Foot Kit (K4424-1)
- Cart for Inverter and Wire Feeder (K3059-4)
- Weld Cable Package - Work and Power Lead 2/0 - Tweco® Male and GC500/Tweco® Male and Lug – 10 ft. (3 m) (K1803-2)
- Model 355-2Ar-58010 Flowmeter Regulator Shielding Gas Kit (3100211)

DLF-82 Education Ready-Pak® (K5336-5)

- Flextec® 350X PowerConnect® (Tweco®) (K4273-2)
- DLF-82 Bench Model (w/ Gun) (K5282-3)
- 8.5 ft. (2.6 m) Input Cord
- DLF-Feeder Cart Mounting Bracket (K5395-1)
- Flextec® 350X Locking Foot Kit (K4424-1)
- Cart for Inverter and Wire Feeder (K3059-4)
- Weld Cable Package - Work and Power Lead 2/0 - Tweco® Male and GC500/Tweco® Male and Lug – 10 ft. (3 m) (K1803-2)
- Model 355-2Ar-58010 Flowmeter Regulator Shielding Gas Kit (3100211)
- Electrode Holder and Lead #2, Tweco® Plug to EH200, 15 ft. (4.6 m) (K5161-2-15)
- Caliber® 17 Series TIG Torch - Flex/Valve, 12.5 ft. (3.8 m) (K4841-17FV-1)
- 12-Pin Foot Amptrol™ - 25 ft. (7.6m) (K870-2)
- Tweco® Style TIG Torch Cam Lock Adapter, 17 Series (K960-4)



Shown:
Flextec® 350X Construction / LN-25X® One-Pak® (K4278-3)



Shown:
Flextec® 350XP / DLF-82 Ready-Pak® (K5335-1)



Shown:
Flextec® 350X PowerConnect® DLF-82 Education Ready-Pak® (K5336-5)

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

DLF-84 Ready-Pak® (K5922-1)

- 8.5 ft. Input Cord
- DLF-84 Inverter Cart Platform Bracket (K5959-1)
- DLF-84 Bench Model with Gun (K5287-3)
- Flextec® 350X PowerConnect® (Tweco®) (K4273-2)
- Flextec® 350X Locking Foot Kit (K4424-1)
- Weld Cable Package, Work & Power Lead 2/0, Tweco® Male & GC500 / Tweco® Male & Lug 10 ft. (3 m) (K1803-2)
- Cart for Inverter and Wire Feeder (K3059-4)
- Model 355-2Ar-58010 Flowmeter Regulator Shielding Gas Kit (3100211)

PIPEFAB®

Ready-Pak® (K3734-1)

- PIPEFAB® Power Source (K3731-1)
- PIPEFAB® Feeder (K3735-1)
- Magnum® PRO Curve™ HDE™ 350 Welding Guns (K4532-2-10-45)
- Magnum® PRO Curve™ HDE™ 250 Welding Guns (K4531-2-10-45)
- Magnum® PRO Nozzle - 350A, Thread-on, Flush, 1/2 in. (12.7 mm) ID - 25/pack (KP2742-1-50F-B25)
- Magnum® PRO Nozzle - 350A, Thread-on, Flush, 3/8 in. (9.5 mm) ID - 25/pack (KP2742-1-38F-B25)
- PIPEFAB® Cable Bracket Kit (KP4867-1)
- PIPEFAB® Feeder and 300C Screen Protector (KP4735-1)
- PIPEFAB® Dual Bottle Undercarriage (K3736-1)
- Work Lead - Lug and GC500 Ground Clamp (2/0, 350A, 60%) - 15 ft. (4.6 m) (K2150-1)
- Drive Roll Kit, 0.035 in., 0.045 in. (0.9 mm, 1.2 mm), Solid Wire (KP1505-1)
- Copper Plus® Contact Tip - 350A, Tapered, 0.035 in. (0.9 mm) - 10/pack (KP2744-035T)
- Copper Plus® Contact Tip - 350A, Tapered, 0.045 in. (1.2 mm) - 10/pack (KP2744-045T)
- Model 355-2Ar-58010 Flowmeter Regulator Shielding Gas Kit (3100211)

HyperFill® Water Cooled PIPEFAB® Ready-Pak® (K5753-1)

- Magnum® PRO Tapered Contact Tip 0.035 in.
- Magnum® PRO Tapered Contact Tip 0.045 in.
- S33594 Cable/Torch Hanger
- S33595 Cable/Torch Hanger
- S33677 Brass Inert Gas Y Fitting
- PIPEFAB® Power Source (K3731-1)
- Work Lead - Lug & GC500 Ground Clamp (2/0, 350A, 60%) - 15 ft. (4.6 m) (K2150-1)
- Magnum® PRO Curve™ HDE™ 350 Welding Gun Ready-Pak® - 15 ft. (K4532-2)
- HyperFill® HD Contact Tip - 0.035 - 10/pack (KP4482-035-HD)
- Cable Liner 1/16 - 5/64 in. (1.6 - 2.0 mm), 15 ft. (4.6 m) (KP44-564-15)
- Drive Roll Kit 0.035, 0.045 (0.9, 1.2 mm) Solid Wire (KP1505-1)
- Magnum® PRO Water-Cooled Gas Nozzle - Thread-On, 1/8 in. Recess, 3/4 in. ID (KP4523-1-75R)
- PIPEFAB® Feeder & 300C Screen Protector (KP4735-1)
- PIPEFAB® Water Cooler (K3737-1)
- Magnum® PRO Curve™ HDE™ 250 Welding Guns (K4531-2-10-45)
- HyperFill® HD WC Diffuser - 1/pack (KP4481-2-HD)
- PIPEFAB® Feeder (K3735-1)
- PIPEFAB® Feeder HyperFill® Reel Stand (K4793-1)
- Model 355-2Ar-58010 Flowmeter Regulator Shielding Gas Kit (3100211)
- Magnum® PRO Nozzle - 350A, Thread-on, Flush, 3/8 in. (9.5 mm) ID (KP2742-1-38F)
- Magnum® PRO Nozzle - 350A, Thread-on, Flush, 1/2 in. (12.7 mm) ID (KP2742-1-50F)
- Magnum® PRO 500 Water-Cooled Welding Guns (K4522-2-10-564)
- HyperFill® Drive Roll Kit (0.035 - 0.040 in.) (0.9 -1.0 mm) (KP4388-1)

Flextec® 500X

Power Feed® 84 Heavy Duty Ready-Pak® (K3608-3)

- Flextec® 500X Multi-Process Welder (K3607-1)
- Locking Foot Kit (Flextec® 500/500P) (K3056-2)
- Power Feed® 84 Single, Heavy Duty Reel, USB (K3328-13)
- Magnum® PRO Curve™ 400 Gun Package, 15 ft. (4.5 m) (K2952-2-10-45)
- Weld Cable (K1842-10)
- Work Lead Package (K2149-1)
- Flow/Reg, 355-2Ar-58010 (3100211)
- Inverter and Wire Feeder Cart (K3059-4)
- Cart Mounting Bracket Kit (K4068-1)
- Drive Roll Kit, 0.035-0.045 in. (0.89-1.14 mm), 4 Roll (KP1505-1)



Shown:
PIPEFAB® Ready-Pak®
(K3734-1)



Shown:
Flextec® 500X LF-74 Heavy Duty
Ready-Pak® (K3608-2)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

Flex Feed® 84 Ready-Pak® (K3608-4)
- Flextec® 500X Multi-Process Welder (K3607-1)
- Locking Foot Kit (Flextec® 500/500P) (K3056-2)
- Flex Feed® 84, Bench, HD Reel (K5000-2)
- Magnum® PRO Curve™ 400 Gun Package, 15 ft. (4.5 m) (K2952-2-10-45)
- Weld Cable (K1842-10)
- Work Lead Package (K2149-1)
- Flow/Reg, 355-2Ar-58010 (3100211)
- Inverter and Wire Feeder Cart (K3059-4)
- Control Cable Extension - Male 14 pin to Female 14 pin - 10 ft. (3 m) (K1797-10)
- Feeder Mounting Kit for Inverter Cart (K4068-1)
- Drive Roll Kit, 0.035 in., 0.045 in. (0.9 mm, 1.2 mm), 4 Roll (KP1505-1)

LF-74 Heavy Duty One-Pak® (K3612-2)
- Flextec® 500X Multi-Process Welder (K3607-1)
- LF-74 Wire Feeder, Bench Model, Heavy Duty (K2426-5)
- Magnum® PRO Curve™ 400 Gun and Cable Ready-Pak®, 15 ft. (4.5 m) (K2952-2-10-45)
- Weld Power Cable - Lug to Lug (3/0, 600A, 60%) - 10 ft. (3 m) (K1842-10)
- Work Lead - Lug and GC500 Ground Clamp (4/0, 600A, 60%) - 15 ft. (4.6 m) (K2149-1)
- Harris® Gas Regulator/Flowmeter and 10 ft. (3.0 m) Hose Kit (3100211)
- Weld Power Cable - Lug to Lug (3/0, 600A, 60%) - 10 ft. (3 m) (K1842-10)
- Drive Roll Kit, 0.035 in., 0.045 in. (0.9 mm, 1.2 mm), Solid Wire (KP1505-1)

DLF-82 Ready-Pak® (K3608-5)
- Flextec® 500X Multi-Process Welder (K3607-1)
- DLF-82 Bench Model (w/ Gun) (K5282-3)
- DLF-Feeder Cart Mounting Bracket (K5395-1)
- Work Lead - Lug and GC500 Ground Clamp (4/0, 600A, 60%) - 15 ft. (4.6 m) (K2149-1)
- Flextec® 500X Locking Foot Kit (K3056-2)
- Cart for Inverter and Wire Feeder (K3059-4)
- Weld Power Cable - Lug to Lug (3/0, 600A, 60%) - 10 ft. (3 m) (K1842-10)
- Model 355-2Ar-58010 Flowmeter Regulator Shielding Gas Kit (3100211)

Flex Feed® 84 Heavy Duty One-Pak® (K3612-4)
- Flextec® 500X Multi-Process Welder (K3607-1)
- Flex Feed® 84 Single Bench with Heavy Duty Wire Reel Stand (K5000-2)
- Magnum® PRO Curve™ 400 Welding Guns (K2952-2-10-45)
- Work Lead - Lug and GC500 Ground Clamp (4/0, 600A, 60%) - 15 ft. (4.6 m) (K2149-1)
- Drive Roll Kit 0.040-0.045 in. (1.0-1.1 mm) Solid Wire (KP1505-045S)
- Weld Power Cable - Lug to Lug (3/0, 600A, 60%) - 10 ft. (3 m) (K1842-10)
- Control Cable Extension - Male 14 pin to Female 14 pin - 10 ft. (3 m) (K1797-10)
- Model 355-2Ar-58010 Flowmeter Regulator Shielding Gas Kit (3100211)

Power Feed® 84 Heavy Duty One-Pak® (K3612-5)
- Flextec® 500X Multi-Process Welder (K3607-1)
- Power Feed® 84, Heavy Duty Wire Reel Stand, USB (K3328-13)
- Magnum® PRO Curve™ 400 Gun Package, 15 ft. (4.5 m) (K2952-2-10-45)
- Harris® Gas Regulator/Flowmeter and 10 ft. (3.0 m) Hose Kit (3100211)
- Weld Power Cable - Lug to Lug (3/0, 600A, 60%) - 10 ft. (3 m) (K1842-10)
- Work Lead - Lug and GC500 Ground Clamp (4/0, 600A, 60%) - 15 ft. (4.6 m) (K2149-1)
- Drive Roll Kit, 0.035 in., 0.045 in. (0.9 mm, 1.1 mm), Solid Wire (KP1505-1)

Power Feed® 25M/Magnum® PRO Aluminum RT Push-Pull One-Pak® (K3612-9)
- Flextec® 500X Multi-Process Welder (K3607-1)
- Power Feed® 25M Plastic Case Wire Feeder (K2536-5)
- Magnum® PRO AL FC 225 Air 12P RT - 25 ft. (7.62 m) (K4795-2)
- Work Lead - Lug and GC500 Ground Clamp (4/0, 600A, 60%) - 15 ft. (4.6 m) (K2149-1)
- Weld Power Cable - Lug to Lug (3/0, 600A, 60%) - 10 ft. (3 m) (K1842-10)
- Drive Roll Kit 3/64 in. (1.2 mm) Aluminum Wire (KP1695-3/64A)
- Drive Roll Kit 1/16 in. (1.6 mm) Aluminum Wire (KP1695-1/16A)
- Model 355-2CD/Air Pressure Compensated Flowmeter Regulator (3100546)



Shown:
Flextec® 500X/Flex Feed® 74 HT One-Pak® (K3612-3)



Shown:
Flextec® 500X / DLF-82 Ready-Pak® (K3608-5)



Shown:
Flextec® 500X Power Feed® 25M/ Magnum® PRO Aluminum RT Push-Pull One-Pak® (K3612-9)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

Activ8X® One-Pak® (K3612-7)

- Flextec® 500X Multi-Process Welder (K3607-1)
- Activ8X™ Wire Feeder (Tweco®) (K3519-1)
- Magnum® PRO Curve™ 400 Gun Package, 15 ft. (4.5 m) (K2952-2-10-45)
- Drive Roll Kit 0.052 (1.4 mm) Cored Wire (KP1697-52C)

Power Feed® 25M / Magnum® PRO Aluminum FT Push-Pull One-Pak® (K6554-1)

- Flextec® 500X (K3607-1)
- Power Feed® 25M (K2536-5)
- Magnum® PRO AL FC Push Pull-Gun, 25 ft., 12 Pin, Front Trigger (K4797-2)
- 1/16A – Aluminum Drive Roll Kit 1/16 in. (1.6 mm) (KP1695)
- 3/64A – Aluminum Drive Roll Kit 3/64 in. (1.2 mm) (KP1695)
- Gas Flow Regulator (3100546)
- ArcLink® (5-Pin) Control Cable - 8 ft. (2.4 m) (K1543-8)
- 3/0 Weld Power Cable - Lug to Lug - 10 ft. (3 m) (K1842-10)
- 4/0 Work Lead & GC500 Ground Clamp - 15 ft. (4.6 m) (K2149-1)

DLF-84 Ready-Pak® (K5923-1)

- 8.5 ft. Input Cord
- DLF-84 Inverter Cart Platform Bracket (K5959-1)
- DLF-84 Bench Model with Gun (K5287-3)
- Work Lead - Lug & GC500 Ground Clamp (4/0, 600A, 60%) 15 ft. (4.6 m) (K2149-1)
- Weld Power Cable, Lug to Lug (3/0, 600A, 60%) 10 ft. (3 m) (K1842-10)
- Flextec® 500X Locking Foot Kit (K3056-2)
- Cart for Inverter and Wire Feeder (K3059-4)
- Flextec® 500X Multi-Process Welder (K3607-1)
- Model 355-2Ar-58010 Flowmeter Regulator Shielding Gas Kit (3100211)

Flextec® 650X

Flex Feed® 84 One-Pak® (K3514-1)

- Flextec® 650X Multi-Process Welder with CrossLinc™ Technology (K3425-1)
- Flex Feed® 84 Single Bench with Heavy Duty Wire Reel Stand (K5000-2)
- Magnum® PRO Curve™ 400 Welding Guns (K2952-2)
- Work Lead - Lug and GC500 Ground Clamp (4/0, 600A, 60%) - 15 ft. (4.6 m) (K2149-1)
- Drive Roll Kit 1/16 in. (1.6 mm) Cored Wire (KP1505-1/16C)
- Drive Roll Kit, 0.035 in., 0.045 in. (0.9 mm, 1.2 mm), Solid Wire (KP1505-1)
- Weld Power Cable - Lug to Lug (3/0, 600A, 60%) - 10 ft. (3 m) (K1842-10)
- Control Cable Extension - Male 14 Pin to Female 14 Pin - 10 ft. (3 m) (K1797-10)
- Cable Liner 0.052-1/16 in. (1.3-1.6 mm) 15 ft. (4.6 m) (KP44-116-15)
- Connector Kit - LF-72-74, LN-25® Pro, Power Feed® 25M (K466-10)
- Model 355-2Ar-58010 Flowmeter Regulator Shielding Gas Kit (3100211)

Arc Tracker®

Base Model (K3019-1)

- Detachable Input Cord, 6 ft. (1.8 m) With NEMA 5-15P
  Plug and an IEC 60320 Plug Receptacle
- Polarity-Specific Arc Voltage Remote Sense Leads 15 ft. (4.6 m) (Qty. 2)



Shown:
Flextec® 650X Multi-Process Welder w/CrossLinc™ / Flex Feed® 84 One-Pak® (K3514-1)



Shown:
Arc Tracker® Data Monitor (K3019-1)

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Accessories

Product Name	Product No.	Flextec® 350X Base Model Construction K4271-2	Flextec® 350X Base Model XP K4272-2	Flextec® 350X PowerConnect® Base Model K4273-2	Flextec® 500X Base Model K3607-1	Flextec® 650X Base Model K3425-1
GENERAL						
Arc Tracker® Data Monitor	K3019-1	•	•	•	•	•
Flextec® Controller	K5491-1	•	•	•	•	•
Deluxe Adjustable Gas Regulator & Hose Kit, 4.3 ft. (1.3 m)	K586-1	•	•	•	•	•
Weld Cable Package - Work Lead 2/0 - Twist Mate™ & GC500 - 15 ft. (4.6 m) / Power Lead 2/0 - TM & Lug - 10 ft. (3 m)	K1803-1	•	•	•	•	•
Weld Power Cable, Lug to Lug (3/0, 600A, 60%), 10 ft. (3.0 m)	K1842-10				•	•
Weld Cable Package Work and Power Lead 2/0 - Tweco® Male & GC500/Tweco® Male & Lug - 10 ft. (3 m)	K1803-2	•	•	•	•	
LC-40 – Tweco® Style Plug (Male, 1/0 thru 2/0), (50-70 mm)	K3416-70	•	•	•		
LC-40HD – Tweco® Style Plug (Male, 3/0 thru 4/0), (70-70-95 mm)	K3416-90	•	•	•		
LC-40 – Tweco® Style Receptacle (Female, 1/0 thru 2/0), (50-70 mm)	K3417-70	•	•	•		
LC-40HD –Tweco® Style Receptacle (Female, 3/0 thru 4/0), (70-70-95 mm)	K3417-90	•	•	•		
Single Cylinder Inverter and Wire Feeder Cart[4]	K3059-4	•	•	•	•	•
Dual Cylinder Inverter and Wire Feeder Cart[4]	K3059-5	•	•	•	•	•
Inverter Cart Mounting Bracket Kit	K4068-1	•	•	•	•	•
Idealarc® DC600 Undercarriage	K842					
All-Terrain Undercarriage	K1737-1					
Work Lead - Lug & GC500 Ground Clamp (4/0, 600A, 60%) - 15 ft. (4.6 m)	K2149-1				•	•
Paralleling Kit (Codes Above 10500)[3]	K1611-1					
Paralleling Kit (Codes Below 10500)[3]	K1897-1					
Flextec® 350X Locking Foot Kit	K4424-1	•	•	•		
Flextec® 500X Locking Foot Kit	K3056-2				•	
Multi-Process Switch	K3091-1	•	•	•	•	•
Multi-Process Switch	K804-1					
GFCI Kit	K3157-1					•
Model 355-2Ar-58010 Flowmeter Regulator Shielding Gas Kit	3100211	•	•	•	•	•
Weld Fume Control System	–	•	•	•	•	•

[1]K3056-1 (Flextec® 500X) or K4424-1 (Flextec® 350X) Base Mounting Kit suggested for securing power source to cart

[3]Cannot be used with VRD™ models

[4]K4068-1 Inverter Cart Mounting Kit suggested for feeder mounting to cart

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• Optional

Accessories

Product Name	Product No.	Flextec® 350X Base Model Construction K4271-2	Flextec® 350X Base Model XP K4272-2	Flextec® 350X PowerConnect® Base Model K4273-2	Flextec® 500X Base Model K3607-1	Flextec® 650X Base Model K3425-1
STICK						
CrossLinc® Remote	K4345-1	•	•	•	•	•
Accessory Kit, 400 Amp	K704				•	•
Remote Output Control, 6-Pin, 25 ft. (7.6 m)	K857					
Remote Output Control, 6-Pin, 100 ft. (30.5 m) (Compatible with Flextec® Machines With Use of K2909-1, 12-6 Pin Adapter)	K857-1					•
Remote Output Control, 12-Pin Universal Connector, 25 ft. (7.6 m)	K857-2	•	•	•	•	•
Remote Output Control, 12-Pin Universal Connector, 100 ft. (30.5 m)	K857-3	•	•	•	•	•
Remote Control Cable Adapter	K864					
TIG						
12-Pin (M) to 6-Pin (F) Adapter	K2909-1	•	•	•	•	•
Adapter Cable – Female 14-Pin Control Cable to Terminal Strip	K1798					
Hand Amptrol™ (Rotary Track Style, 6-Pin) 25 ft. (7.6m)	K963-3	•	•	•	•	•
Hand Amptrol™ (Rotary Track Style, 12-Pin) 25 ft. (7.6 m)	K963-4	•	•	•	•	
Foot Amptrol™ with 6-Pin Connector 25 ft. (7.6m)	K870					•
12-Pin (M) to 6-Pin (F) Adapter	K2909-1	•	•	•	•	•
Foot Pedal, Wireless for TIG Welding	K4986-1	•	•	•	•	
Foot Amptrol™ with 12-Pin Connector 25 ft. (7.6 m)	K870-2	•	•	•	•	•
Amptrol™ Adapter Kit (Terminal Strip to 6-Pin)	K843					
Arc Start™ Switch (6-Pin)	K814	•	•	•	•	•
Adapter Kit, TIG PTA-9/PTA-17	K1622-1				•	•
Adapter Kit, TIG Torch PTA-26	K1622-3				•	•
Adapter Kit, PTW-18/PTW-20	K1622-4				•	•
Adapter Cable Set, V-TIG Torch Twist Mate™ to Stud	K2505-2				•	•
Adapter, Tweco® Style TIG Torch Cam Lock 17 Series	K960-4	•	•	•		
Adapter Kit, TIG Tweco® Assembly	K1622-6	•	•	•		
Adapter, Tweco® Style TIG Torch Cam Lock 26 Series	K960-3	•	•	•		
TIG Module Docking Kit	K939-1					
Deluxe Adjustable Gas Regulator & Hose Kit, 4.3 ft. (1.2 m)	K586-1	•	•	•	•	•
2-YEAR EXTENDED WARRANTY AVAILABLE	–	•	•	•	•	•

• Optional

NOTES



ADVANCED PROCESS WELDERS

MODEL	OUTPUT			PROCESS												INPUT		FEATURES		
	Mode	Polarity	Current Range (Amps)	Stick	TIG	Smart Pulse®	AC/DC TIG	MIG	STT® MIG	HyperFill™	AC MIG	Pulsed MIG	Low Fume Pulse™	Flux-Cored	Arc Gouge	Phase	Hertz	Waveform Control Technology®	ArcLink® Digital Communication	Inverter Efficiency
PIPEFAB®	CC/CV	DC	5-400	●	●	●		●	●	●		●	●	●	◒	3	50/60	•	•	•
Power Wave® 300C Advanced	CC/CV	AC/DC	5-350	●	●	●	●	●	●		●	●	●	●	◒	1,3	50/60	•	•	•
Power Wave® S350	CC/CV	DC	5-350	●	●		○	●	○		○	●		●		1,3	50/60	•	•	•
Power Wave® R450	CC/CV	DC	5-550		●		○	●	●	●	○	●	○	●		3	50/60	•	•	•
Power Wave® S500	CC/CV	DC	5-550	●	●		○	●	○	●	○	●	○	●	◒	3	50/60	•	•	•
Power Wave® S700	CC/CV	DC	20-900	●	●			●		●		●		●	●	3	50/60	•	•	•
Power Wave® Advanced Module	CC/CV	AC/DC	NA				●		●		●		●			NA	NA	•	•	•
Power Wave® STT® Module	STT®	DC	NA						●				●			NA	NA	•	•	•

KEY: ● Excellent ◒ Good ○ Optional

PIPEFAB®

The Ideal Setup for Pipe & Vessel Fabrication

- Breakthrough arc performance with weld modes fine-tuned for pipe and vessel fabrication
- Straightforward and simple control with digital user interface and one-click process selection
- Ready-to-Run™ design and Cable View™ technology to monitor cable inductance
- Industry-leading 5-year warranty



Processes

- Stick
- TIG
- MIG
- STT® MIG
- Pulsed MIG
- Flux-Cored
- HyperFill™
- Low Fume Pulse™

Output

CC CV DC

Input

3 PHASE 50/60 Hz

Literature

E5.13

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
PIPEFAB® Power Source	K3731-1	200-208/220-230/ 380-415/460/575	STICK: 55-400A/36V/100% MIG: 40-400A/26V/100% FLUX-CORED: 40-400A/26V/100% TIG: 5-400A/26V100%	53/46/26/24/19	5-400A	22.1 x 17.5 x 34.8 (561.3 x 444.5 x 883.9)	206.5 (93.7)
Feeder	K3735-1	40V DC				14.5 in x 22 in x 30.2 (368.3 x 558.8 x 767)	80 (36.3)
Ready-Pak®	K3734-1	—				43.5 x 30.9 x 48.5 (1104.9 x784.9 x1231.9)	340 (154.2)

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Power Wave® 300C

The Ultimate All-In-One Machine

- Best-In-Class 300A 100% Duty Cycle Performance
- True all-process versatility including advanced weld modes, integrated high frequency and AC/DC capabilities
- Intelligent, operator-focused interface and powerful Industry 4.0 capabilities including CheckPoint® Production Monitoring
- PowerConnect® Technology allows for 200V-600V input power while maintaining consistent and reliable arc performance



Processes
- Stick
- AC TIG*
- DC TIG
- MIG
- STT® MIG*
- AC MIG*
- Pulsed MIG
- Low Fume Pulse®*
- Flux-Cored

Output

CC CV | DC | AC

Input

1/3 PHASE | 50/60 Hz

Literature

E5.102

Product Name	Product Number	Input Power Voltage /Phase/Hertz	Output Range	Rated Output: Current/Voltage/Duty Cycle	Input Current @ Rated Output	H x W x D in (mm)	Net Wt lb (kg)
Power Wave® 300C Standard	K4487-1	208/230/400/460/ 575/1/3/50/60	5-350A	GMAW: 350A / 31.5 V/ 40% GMAW: 300A / 29 V / 100% SMAW: 325A / 33V / 40% SMAW: 280A / 31.2V / 100% FCAW: 350A / 31.5 V / 40% FCAW: 300A / 29 V / 100% GTAW: 350A/24V/40% GTAW: 300A / 22V / 100%	39/35/22/18/14.5 (57/52/NA/32/NA)	39.7 x 39.4 x 20.5 (1008 x 1001 x 521)	194 (88)
Advanced	K4488-1				44/40/25/20/16.5 (61/58/NA/34/NA)		214 (97)
Advanced Education One-Pak®	K4934-1						259 (118)

*Only available on the Power Wave® 300C Advanced (K4488-1).

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Power Wave® S350

Portable, Powerful, Multi-Process

- Equipped with a complete portfolio of high-performance wave forms, providing extensive flexibility
- Comes standard with Power Wave® Manager, Precision Pulse™ and CableView™ Technology
- CheckPoint™ software allows you to track equipment usage, store weld data, configure fault limits and more
- Hibernation Mode reduces energy use by powering down the buck-boost circuit during inactivity
- Meets new EU efficiency standards, resulting in lower idle watt consumption and improved overall energy efficiency



Processes
- Stick
- DC TIG
- Pulsed DC TIG
- MIG
- Pulsed MIG
- Flux-Cored

Output

CC CV DC

Input

1/3 PHASE 50/60 Hz

Literature
E5.110

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Power Wave® S350 Advanced Base Model	K2823-3	208/230/380-415/460/ 575/1/3/50/60	GMAW: 350A/31.5V/40%[1] 300A/29V/100% SMAW: 325A/33V/40%[1] 250A/30V/100% GTAW-DC: 350A/24V/40% 300A/22V/100%	3-Ph/40% Duty Cycle: 39/35/19/17/14A 3-Ph/100% Duty Cycle: 31/28/15/14/11A 1-Ph/40% Duty Cycle: 60/67[2]/na/na/na 1-Ph/100% Duty Cycle: 60/53/na/na/na	5-350A[3]	20.40 x 14 x 24.80 (518 x 356 x 630)	85 (38.6)
Ready-Pak® (Steel)	K3005-3					52 x 39 x 26 (1321 x 991 x 660)	450 (204.1)
Air Cooled Magnum® PRO Pistol Grip Aluminum 25 ft (7.6 m) One-Pak®	K3553-1						
Water Cooled Magnum® PRO Pistol Grip Aluminum 25 ft (7.6 m) One-Pak®	K3554-1						

[1]230 Volt/1 Phase inputs, the peak rating is at 30% duty cycle, except for GTAW. [2]Based on the U.S. National Electrical Code. [3]On 208 Volt inputs, the maximum output is limited to 300 amps.

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Power Wave® R450

Industry's Most Capable 450A Robotic Power Source

- Fastest cycle times made possible with the world's fastest robotic interface - ArcLink®
- Track essential welding data with Lincoln Electric's CheckPoint® production monitoring solution
- High-performance pulse wave forms, including RapidArc®, Precision Pulse™, Pulse-on-Pulse™ and others
- Flexibility to add or connect modules, fume control, water coolers, computers or other accessories



Shown: Power Wave ® R450 w/ Wi-Fi & Bluetooth

Processes
- TIG
- Pulsed TIG
- MIG
- Pulsed MIG
- Flux-Cored
- HyperFill™
- Low Fume Pulse™* (R450)

Output

CC CV DC

Input

1/3 PHASE 50/60 Hz

Literature

E5.171 (Power Wave® R450)

**NOTE: w/Use of STT® or Advanced Module*

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Power Wave® R450 Base Model	K3451-1	208/230/308-415/460/ 575/3/50/60	GMAW: 550A/41.5V/40% 450A/36.5V/100% GTAW-DC: 550A/32V/40% 450A/28V/100%	3-Ph/40% Duty Cycle: 80/73/41/37/29A 3-Ph/100% Duty Cycle: 60/54/30/27/21A	5-550A	22.5 x 14 x 24.8 (571 x 355 x 630)	150 (68)
with Wi-Fi and Bluetooth	K3451-2	208/230/1/50/60[4]					
AutoDrive® 19 Controller	K3004-2	40V DC/1.0A	NA	NA	NA	8.8 x 10.4 x 3.1 (224 x 264 x 80)	7 (3.2)
AutoDrive® 19 Tandem Controller	K3171-1	40V DC/1.0A	NA	NA	NA	8.8 x 10.4 x 3.1 (224 x 264 x 80)	7 (3.2)

[4] Single phase rating has reduced output characteristics. Contact Lincoln Electric for more information

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Power Wave® S500

Multi-Process Power and Versatility

- Equipped with a complete portfolio of high-performance wave forms, providing flexibility to tackle any welding application
- Comes standard with Power Wave® Manager software tools, simplifying welding setup and operation
- CheckPoint™ software allows you to track equipment usage, store weld data, configure fault limits and more
- Compact and durable case is IP23-rated to withstand harsh environments



Processes
- Stick
- DC TIG
- Pulsed DC TIG
- MIG
- Pulsed MIG
- Flux-Cored
- HyperFill™
- *Low Fume Pulse™

Output

CC CV DC

Input

3 PHASE 50/60 Hz

Literature

E5.115 and E12.360

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Power Wave® S500 Base Model	K2904-1	200/208/220/230/380/400/415 460/575/3/50/60	GMAW: 550A/41.5V/40% 450A/36.5V/100% SMAW: 550A/42V/40% 450A/38V/100% GTAW-DC: 550A/32V/40% 450A/38V/100%	3-Ph/40% Duty Cycle: 80/73/41/37/29A 3-Ph/100% Duty Cycle: 60/54/30/27/21A	5-550A	22.5 x 14 x 24.8 (571 x 355 x 630)	150 (68)
w/Power Feed® 84 Ready-Pak®	K3187-2					51.7 x 34.4 x 53.4 (1313 x 874 x 1356)	376 (171)
w/Power Feed® 84 One-Pak®	K3186-2					—	—
CE Advanced Process Welder	K3168-1					22.5 x 14 x 24.8 (571 x 355 x 630)	150 (68)
HyperFill® Reveal™ Power Feed® 84 Dual Ready-Pak® Single Cart	K4650-4						450 (204.12)
HyperFill® Reveal™ Power Feed® 84 Single Ready-Pak®	K4650-5						
HyperFill® Reveal™ Power Feed® 84 Dual Ready-Pak® Dual Cart	K4650-6						

**NOTE: w/Use of STT® or Advanced Module*

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Power Wave® S700

High Output Power for Automated Environments

- Intended for high amperage, high-duty cycle semiautomatic, hard automation or robotic applications in heavy equipment, transportation and other industries
- Wide input voltage range to accommodate global operations (200-575 VAC, 3 phase, 50/60 Hz voltage)
- Power Wave® Manager and digital ArcLink® Ethernet communication allows for easy system configuration and customization
- Fan-As-Needed™ reduces power consumption by shutting the fan down when it is not needed



Processes
- Stick
- TIG
- MIG
- Pulsed MIG
- Flux-Cored
- SAW
- Tandem MIG®
- Carbon Arc Gouging
- HyperFill™
- HDT

Output

CC CV DC

Input

3 PHASE 50/60 Hz

Literature
E5.120

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Power Wave® S700	K3279-1[1]	380-415/440-460/500/ 575/3/50/60	700/44/100% (900A/44/60%)	55/46/42/38A (74/60/56/49A)	20-900A	30.1 x 19.1 x 36.7 (765 x 485 x 932)	385 (175)
CCC	K3279-2						
200V	K3557-1	200/230/3/50/60		106/92A (138/120A)			
CE	K5372-1	380-415/460-480/ 500/3/50, 50/60		55A/46A/42A/ (72A/60A/54A)			365 (165)

[1]Internal filter is required to meet CE conducted emission requirements. K2444-4 CE Filter must be used with K3279-1.

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Power Wave® Wireless Connectivity Module

Simplifying Machine Connectivity

- Plant-Wide Connection – Easily connect existing or remote Power Wave® systems for complete visibility to your welding operation
- Quick & Easy Installation – Modular design allows for hassle-free installation without the need for extensive machine downtime
- Local Display - Convenient voltage and amperage metering directly on the power source
- Adds MQTT support for telemetry data collection



Connection
- Wi-Fi 802.11 a/b/g/n (Wi-Fi 1/2/3/4)
- Ethernet

Compatible Power Sources
Power Wave® S350
Power Wave® S500
Power Wave® R450
Power Wave® S700

Literature
MC18-12

Product Name	Product Number	Connectivity	Encryption
Power Wave® Wireless Connectivity Module	K4352-1	Wi-Fi 802.11 a/b/g/n @ 2.4 GHz and earlier Ethernet Port	WEP WPA WPA2 WPA ENT
For S700 Only	K4352-2		

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

APEX® 30S Mechanized Controller

Superior Control Systems for Mechanized Welding

- One platform for multiple welding processes including FCAW, GMAW, GTAW, and Hot Wire GTAW
- Extremely precise mechanized welding control for fixed and out-of-position in orbital or flat track applications
- Integrated gas solenoid and flow sensor for reduced footprint and cable clutter
- Intuitive, lightweight pendant provides straightforward operation and provides lowest learning curve in the industry



Processes
- MIG
- Pulsed MIG
- Flux-Cored
- MIG- STT®
- TIG
- Hot Wire GTAW

Output

24 VDC

Input

40 VDC

Literature
E9.624

Product Name	Product Number	Input Power	Dimensions L x W x H in (mm)	Net Wt lb (kg)
APEX® 30S Mechanized Controller	K52217-1	40 VDC	25.33 x 11 x 14.33 (644.4 x 279.4 x 363.2)	36 (16)

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Power Wave® Advanced Module

Expand Your Welding Capabilities

- Adds AC waveform control for Pulsed MIG, and Gas Tungsten Arc (TIG) Welding
- Hi-frequency starting for TIG welding capability
- Modular design allows easy connection and fast digital communication with compatible Power Wave® models
- Includes STT® process capability, making this module ideal for automotive, pipe and thin metal applications



Processes
- MIG-STT®
- MIG
- MIG-P
- TIG
- Stick

Output

CC CV | STT | AC DC

Input

40 VDC

Literature
E5.191

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Power Wave® Advanced Module	K3685-1	40V DC	100% Duty Cycle[1]: 300A @ 32V 40% Duty Cycle[1]: 350A @ 34V Peak (Max)[1]: 600A	n/a	n/a	11.5 x 14 x 25 (292 x 356 x 635)	70.5 (32)

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Power Wave® STT® Process Module

Add STT® for Exceptional Arc Control

- Add STT® (Surface Tension Transfer®) process capability to any S-Series Power Wave® for enhanced puddle and burnthrough control
- Improve performance on thin metal or critical pipe root pass welding applications
- Modular design allows easy connection and fast digital communication with compatible S-Series Power Wave® models, Power Feed™ wire feeders, and compatible water coolers



Processes
- MIG-STT®
- Low Fume Pulse™ (S500 or R450)

Output

STT DC

Input

40 VDC

Literature
E5.190

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D in (cm)	Net Wt lb (kg)
Power Wave® STT® Process Module	K2902-1	40V DC	100% Duty Cycle[1]: 450A 60% Duty Cycle[1]: 500A 40% Duty Cycle[1]: 550A Peak (Max)[1]: 750A	n/a	n/a	11.5 x 13.9 x 25.4 (29.2 x 35.3 x 64.5)	47 (21.3)
CE Process Module	K2921-1						

[1]Host welding power source will be limited to these outputs.
[1]Dependent on host welding power source output.

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

APEX® 30M Mechanized Controller

Portable Orbital Welding

- Portable mechanized control with integrated wire feeder for a lightweight, mobile solution for the shop or the field
- Designed with the patented MAXTRAC® Wire Drive System, for superior wire-feeding performance
- Extremely precise mechanized welding control for fixed and out-of-position applications
- Intuitive, lightweight pendant provides straightforward operation and provides lowest learning curve in the industry



Processes
- MIG
- Pulsed MIG
- Flux-Cored
- MIG – STT®

Output

24 VDC DC

Input

40 VDC

Literature
E9.623

Product Name	Product Number	Input Power	Rated Output Current / Duty Cycle	Wire Feed Speed ipm (m/min)	Wire Spool Size lb (kg)	H x W x D in (mm)	Net Wt lb (kg)
APEX® 30M Mechanized Controller	K52160-1	40VDC	500A / 60% 450A / 100%	30-1200 (76-3048)	10 - 33 (4.5 - 15)	14.4 x 11.0 x 25.4 (366 x 279 x 645)	49 (22)

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

HELIX® M85 Weld Head

Next Generation Mechanized Weld Head

- Incorporates digital capabilities in an intuitive, ergonomic design
- Toolless Torch Adjustments: Easily position the torch along three axes with in/out, up/down, and circumferential adjustments
- Lightweight – mounts in seconds to our patented orbital and flat tracks



Processes
- MIG/Flux-Cored
- TIG
- Hot Wire TIG

Input

24 VDC 9A

Literature
E9.616

Product Name	Product Number	Input Voltage	Input Current	Travel Speed ipm (mm)	Clearance in (mm)		Oscillation Stroke in. (mm)	Motorized Height Control Stroke in (mm)	Lead/ Lag	Torch Tilt		H x W x D in (mm)
					Radial in. (mm)	Axial in. (mm)				In	Out	
HELIX® M85 Weld Head	K52101-1	24V DC	9A Max	0.1 min-120 max (2.54 min-3048 max)	8.5 (215.9)	19.75 (501.7)	2.00 (50.8)	2.00 (50.8)	360º	60º max	30º max	8.33 x 14.25 x 6.85 (211 x 362 x 174)
APEX® 30M HELIX® M85 MIG Ready-Pak®	K52165-2	40V DC	3PH/40% - 80/73/41/37/29A 3PH/100% - 60/54/30/27/21A									45 x 29 x 45 (1130 x 737 x 1143)
APEX® 30M HELIX® M85 MIG Ready-Pak® CE	K52165-5											
APEX® 30S HELIX® M85 MIG Ready-Pak®	K52257-1	24V AC										36 x 29 x 45 (914 x 737 x 1143)
APEX® 30S HELIX® 30S M85 MIG Ready-Pak® CE	K52257-2											
APEX® 30S HELIX® M85 TIG Ready-Pak®	K52260-1											48 x 29 x 45 (1207 x 737 x 1143)
APEX® 30S HELIX® M85 TIG Ready-Pak® CE	K52260-2											
APEX® 30S HELIX® M85 Hot Wire TIG Ready-Pak®	K52266-1											56 x 32 x 28 (1410 x 813 x 711)
APEX® 30S HELIX® M85 Hot Wire TIG Ready-Pak® CE	K52266-2											

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

HELIX® M4X™

Precision Track-Based Welding with a Low Profile Head

- Low radial clearance, 4.67 to 6.94 in., depending on the torch configuration
- Utilizing the latest in digital motor control technology, it features consistent performance without the need for manual calibration at startup
- APEX® Auto Height, Auto Sector and Auto Path Technology provides advanced travel speed and true oscillation width/speed control that delivers repeatable welds with minimal setup
- Water Cooled torches help eliminate overheating



Processes
- MIG
- Flux-Cored
- TIG
- Hot Wire TIG

Input

24 VDC | 9A

Literature
E9.625

Product Name	Product Number	Input Power	Input Current	Travel Speed in/min (cm/min)	Clearance - in (mm)		Oscillation Stroke in (mm)	Motorized Height Control Stroke	Lead/Lag Range	Torch Tilt		Dimensions H x W x D in (mm)
					Radial in. (mm)	Axial in. (mm)				In	Out	
HELIX® M4X™ Weld Head	K52318-1	24V DC	9A max	0.10 - 100 (0.25 - 254)	GMAW/ FCAW 6.94 (176)	GMAW/ FCAW 13.62 (346)	3.50 (89)	1.90 (48.3)	+/- 15°	18° Max	21° Max	4.84 x 24.93 x 14.27 (123.0 x 633.2 x 362.4)
APEX® 30S MIG Ready-Pak®	K52325-1											
APEX® 30S TIG Ready-Pak®	K52326-1				GTAW 4.67 (119)	GTAW 14.64 (372)						
APEX® 30S Hot Wire TIG Ready-Pak®	K52327-1											

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

HELIX® M627 Clamp-On Orbital TIG Weld Head

Mechanized GTAW - Simplified

- APEX® Auto Height, Auto Sector and AutoPilot Technology provides advanced travel speed and true oscillation width/speed control that delivers repeatable welds with minimal setup
- Onboard wire feeder for improved ease-of-use
- Intelligent connectivity with auto calibration on power up
- Low 2.87 in. (72.9 mm) radial clearance
- Water Cooled motor housing and torch helps eliminate overheating



Processes
- TIG
- Pulsed

Output

CC

Input

24 VDC

Literature
E9.63

Product Name	Product Number	Input Power	Travel Speed rpm	Wire Feed Speed ipm (cmpm)	Wire Size Range in (mm)	Clearance - in (mm)		Oscillation Stroke in (mm)	Electrode to Front in (mm)	Dimensions H x W x D in (mm)	Net Wt lb (kg)
						Radial in. (mm)	Axial in. (mm)				
HELIX® M627 Weld Head	K52283-1	24V DC	.04-4.76	3-300 (7.6-762)	0.030-0.045 (0.8-1.2)	2.87 (72.9)	8.32 (211.3)	1.00 (25.4)	0.75 (19.1)	8.32 x 11.4 x 26.0 (211.3 x 289.5 x 660.4)	32 (14.5)
APEX® 30S TIG Ready-Pak®	K52285-1										

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Advanced MIG (GMAW) Processes

Your local Lincoln Electric distributor and Lincoln Electric Technical Sales Representative, backed by our Applications Engineering Department, can help you select the advanced process and equipment that can improve your results. Request a demo to see how we can help reduce costs, enhance quality or increase productivity in your operations.

PROCESS	DESCRIPTION	PRODUCT
CV	**Steel, Stainless & Aluminum »** CV is the conventional mode for MIG welding. This general purpose MIG welding mode uses constant voltage for short arc, globular and spray transfer.	Power Wave® 300C, S350, R450, S500, S700 PIPEFAB®
STT®	**Steel, Stainless & High Nickel »** This precision MIG mode delivers premium and consistent root pass results on pipe with low reject rates and excellent gap bridging capabilities. STT® can also be used to reduce spatter and control heat input on sheet metal applications.	Power Wave® 300C*, S350, R450, S500 all w/STT® or Advanced Module PIPEFAB®
AC-STT®	**Steel »** Based off of the patented STT® process, AC-STT® combines the proven spatter-reducing technology of the STT® waveform with the balanced heat-input characteristics of AC GMAW, producing an advanced shortcircuit process optimized specifically for thin-gauge materials.	Power Wave® 300C*, S350, R450, S500 all w/Advanced Module PIPEFAB®
Pulse	**Steel, Stainless, Aluminum & more »** Traditional MIG pulse mode uses a pulse for the metal transfer, which avoids a short and allows for a wide operating range, characterized by low to high wire feed speed, many different materials and virtually no spatter.	Power Wave® 300C, S350, R450, S500, S700
Low Fume Pulse™	**Steel »** Low Fume Pulse™ simplifies the balancing act between weld-fume control and weld floor productivity. Developed to be a win-win solution, this advanced pulsed welding process maximizes arc performance while effectively controlling heat-input.	Power Wave® 300C*, R450, S500 all w/STT® or Advanced Module PIPEFAB®
Smart Pulse®	**Steel & Stainless »** Enhanced MIG pulse mode that maximizes pulse welding performance and simplicity by auto-adjusting the pulse waveform based on machine settings. Set a low WFS and Smart Pulse® auto-adjusts for a narrow, focused arc. Set a high WFS, Smart Pulse® auto-adjusts for a wide, soft arc.	PIPEFAB® Power Wave® 300C*
Precision Pulse™	**Steel & Stainless »** This enhanced MIG pulse mode features a tight, focused arc for fast vertical up welding and outstanding out-of-position puddle control.	Power Wave® 300C, S350, R450, S500
Pulse-on-Pulse®	**Aluminum »** This arc modulation MIG pulse mode can deliver a TIG (GTAW)-like bead appearance.	Power Wave® S350, R450, S500 all w/ STT® or Advanced Module
AC Precision Pulse™	**Aluminum »** With the help of the Power Wave® Advanced Module, GMAW aluminum welding results can be improved over traditional DC positive aluminum MIG welding. By switching the polarity of the arc, heat input is reduced and deposition rates are enhanced.	Power Wave® 300C*, S350, R450, S500 all w/Advanced Module
RapidArc®	**Steel & Stainless »** RapidArc® is an accelerated MIG pulse mode with a short arc length compared to pulse and CV-spray for high travel speed applications.	Power Wave® 300C, S350, R450, S500, S700
Rapid X®	**Steel & Stainless »** Rapid X® is a premium MIG pulse mode designed to deliver higher travels speeds and extremely low spatter levels.	Power Wave® 300C*, S350, R450, S500 all w/STT® or Advanced Module
Rapid Z®	**Zinc »** Rapid Z® is a process designed to increase stability and travel speeds, while reducing spatter and internal porosity on Zinc coated materials.	Power Wave® S350, R450, S500 all w/STT® or Advanced Module
Power Mode®	**Steel, Stainless & Aluminum »** This enhanced MIG mode can deliver excellent arc stability with reduced spatter at high travels speeds, resulting from an extended short arc range at higher wire feed speed procedures. It also yields a tight and stable arc in spray transfer.	Power Wave® S350, R450, S500 all w/STT® or Advanced Module PIPEFAB®
HyperFill™	**Steel »** Patented Twin Wire GMAW process designed to increase the usable deposition rate of GMAW operations without the setup difficulty. Process uses two wires but a single power source, single wire feeder, single gun liner and single contact tip.	Power Wave® R450, S500, S700 PIPEFAB®
Synchronized Tandem MIG®	**Steel »** Synchronized Tandem MIG® overcomes deposition rate limitations of a single wire by using two wires and specific waveforms. The result is deposition rates nearly double rates possible with a single wire as well as faster travel speeds.	

· Power Wave® 300C Advanced only. STT® or Advanced Module not necessary.

WELD SEQUENCER™
PROCESS CONTROL SOLUTIONS

Literature
S2.40

Process Control Step-by-Step

Digitally enhance your weld instructions

- Easy-to-follow graphic interface clearly guides operators through each step of the assembly process, simplifying complex work instructions.
- Automatic, step-by-step weld sequencing clearly defines the assembly of each part and placement of each weld, reducing possible quality errors.
- Connects to industrial PLC's for more embedded integration with manufacturing processes.

Easily verify your performance and quality

- On-screen verification provides instant operator feedback, ensuring all welds are present and within operating ranges prior to the assembly leaving the weld cell.
- Weld Sequencer™ automatically syncs with Lincoln Electric's CheckPoint® Production Monitoring solution for real-time production data anywhere in the world, at any time.

Maximum Performance Weld-to-Weld

Optimize your settings for each weld

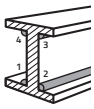
- Advanced programming provides complete power source control, automatically dialing in the right procedure and parameters for each weld with zero operator interaction – delivering maximum productivity without compromising quality.

INPUT SETTINGS | Standardize Process


LOCATION OF WELDS (WITH VISUALS)


WELD REQUIREMENTS


WELDING PROCEDURES



WELDING ORDER



PART IDENTIFIERS (SERIAL NUMBERS & OPERATOR ID)

REVIEW RESULTS | Information in Real Time


DEPOSITION



MONITOR CYCLE TIME

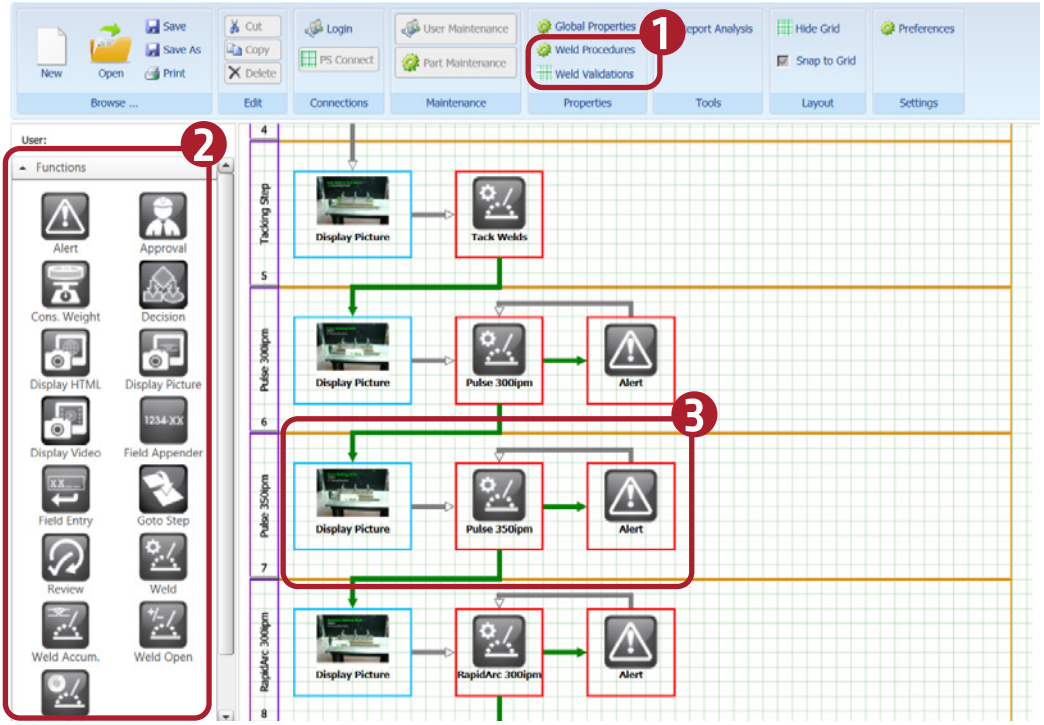


MONITOR ARC TIME


PERFORMANCE EVALUATION

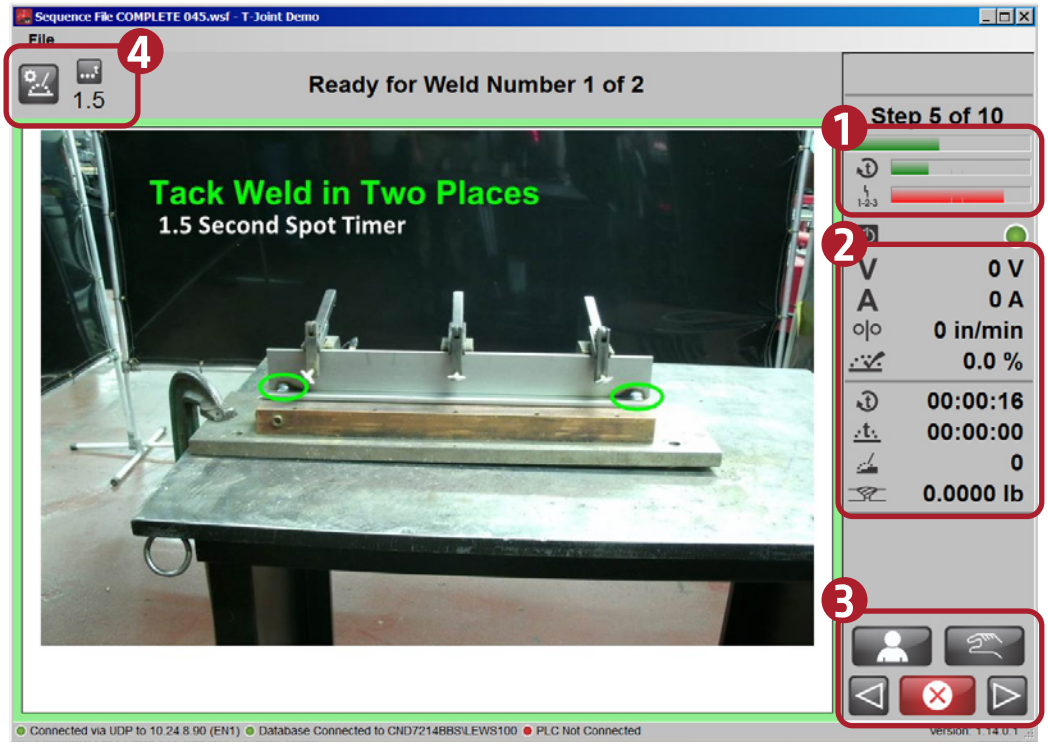

WELD COUNT

Fast, Simple, Intuitive Sequence Creation



1. Build a database of all your weld procedures and welding validations
2. Drag and drop functional blocks for simple programming
3. Intuitive ladder logic flow-chart type sequencing

Simple, Intuitive, Powerful Operator Interface



1. Track part cycle time and performance part to part
2. Real-time parameter feedback for the operator and quality control
3. Navigate the sequence simply by clicking the trigger on ANY welding torch
4. Complete visibility to background settings (like Spot Timer or Pre-flow)

Weld Sequencer™ Initial License (1 Year), Order K5175-1, Weld Sequencer™ Renewel License (1 Year), Order K5176-1

CHECKPOINT®
WELD MONITORING SOFTWARE

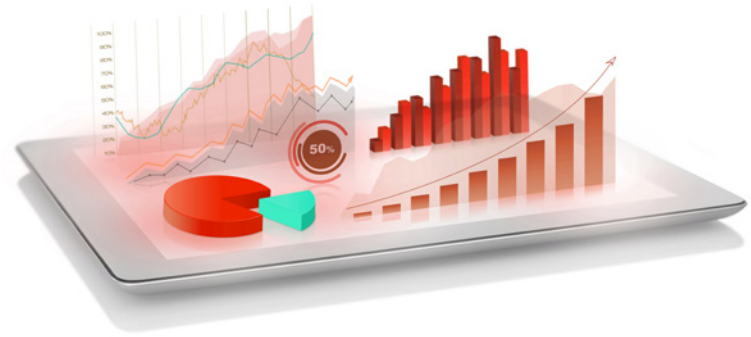
For more information, visit:
https://promotions.lincolnelectric.com/checkpoint/

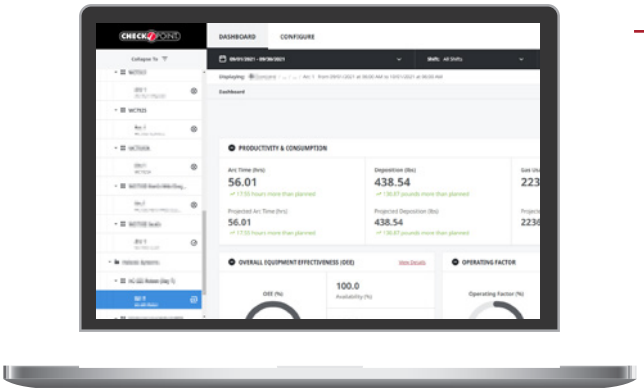
Information that Leads to Solutions™

CheckPoint® is a full production monitoring solution that delivers the precise information you need for maximizing welding productivity and performance

CheckPoint® Data-Drive Quality Assurance:

- Instantly visualizes weld quality across the entire plant
- Sets parameter limits and tracks key weld quality metrics at the station level, whether manual or robotic
- Generates a virtual paper trail, simplifying management's ability to identify the root causes of quality issues





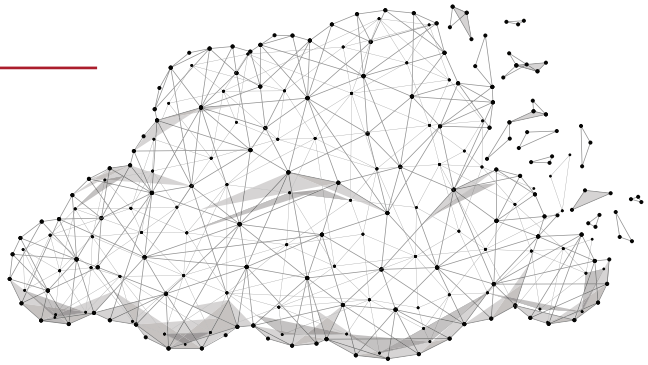
Powerful Data, Quick and Easy

Improved dashboards provide essential, real-time weld data simplifying the visualization of performance metrics and trends that influence welding productivity and efficiency.

Reporting features enable managers to identify throughput trends, directly impacting productivity and efficiency.

Secure, Cloud-Based Platform

- Easily connect and visualize weld data from anywhere, at any time
- Standard, embedded feature with no hidden costs
- No software installation required - access via any web browser
- Simply connect your machine to an existing network



Information for Every Role

Production Foreman
- OEE
- Weld Listing
- Productivity
- Part Tracking

Welding Engineer
- Consumption Metrics
- Operating Metrics
- Personnel Details

Quality Assurance
- Welding Limits
- Non-Conformances
- Part Traceability

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

PIPEFAB®

Ready-Pak® (K3734-1)

- PIPEFAB® Cable Bracket Kit (KP4867-1)
- PIPEFAB® Power Source (K3731-1)
- Work Lead - Lug & GC500 Ground Clamp (2/0, 350A, 60%) - 15 ft. (4.6 m) (K2150-1)
- PIPEFAB® Feeder & 300C Screen Protector (KP4735-1)
- Drive Roll Kit 0.035, 0.045 in. (0.9, 1.2 mm) Solid Wire (KP1505-1)
- PIPEFAB® Feeder (K3735-1)
- PIPEFAB® Dual Bottle Undercarriage (K3736-1)
- Magnum® PRO Curve™ HDE™ 350 Welding Guns (K4532-2-10-45)
- Magnum® PRO Curve™ HDE™ 250 Welding Guns (K4531-2-10-45)
- Magnum® PRO Nozzle - 350A, Thread-on, Flush, 1/2 in. (12.7 mm) ID - 25/pk (KP2742-1-50F-B25)
- Copper Plus® Contact Tip - 350A, Tapered, 0.045 in. (1.2 mm) - 10/pk (KP2744-045T)
- Copper Plus® Contact Tip - 350A, Tapered, 0.035 in. (0.9 mm) - 10/pk (KP2744-035T)
- Magnum® PRO Nozzle - 350A, Thread-on, Flush, 3/8 in. (9.5 mm) ID - 25/pk (KP2742-1-38F-B25)
- Model 355-2Ar-58010 Flowmeter Regulator Shielding Gas Kit (3100211)

Power Wave® 300C

Standard (K4487-1)

- Power Wave® 300C Standard (K4487-1)
- 10 ft. (3.0m) Input Power Cord
- Magnum® PRO Curve™ 300 Welding Guns (K2951-2-6-45)
- Harris® Flowmeter/Regulator and Hose Kit (3100211)
- 10 ft. (3.0 m) Work Lead (K1803-3)
- Drive Roll Kit Combination 0.035 in. / 0.045 in. (0.9 / 1.1 mm) Solid Wire (KP1696-1)

Advanced (K4488-1)

- Power Wave® 300C Advanced (K4488-1)
- 10 ft. (3.0 m) Input Power Cord
- Magnum® PRO Curve™ 300 Gun Ready-Pak® (K2951-2-6-45)
- Harris® Flowmeter/Regulator and Hose Kit (3100211)
- 10 ft. (3.0 m) Work Lead (K1803-3)
- 0.035/0.045 in. (0.9/1.1 mm) Combination V-Groove Drive Rolls (Included in Wire Drive Assembly) (KP1696-1)

Advanced Educational One-Pak® (K4934-1)

- Power Wave® 300C Advanced (K4488-1)
- 10 ft. (3.0 m) Input Power Cord
- Magnum® PRO Curve™ 300 Gun Ready-Pak® (K2951-2-6-45)
- Harris® Flowmeter/Regulator and Hose Kit (3100211)
- 10 ft. (3.0 m) Work Lead (K1803-3)
- PTA-17F TIG Torch Ready-Pak® 12.5 ft. (3.8 m) 1 pc. (K1782-14)
- Foot Amptrol™ - 25 ft. (7.6 m), 12-pin (K870-2)
- Stick Electrode Holder, Cable (w/Twist Mate™) (K2374-1)
- Drive Roll Kit Combination 0.035 in. / 0.045 in. (0.9 / 1.1 mm) Solid Wire (KP1696-1)

Power Wave® S350

Steel Ready-Pak® (K3005-3)

- Power Wave® S350 (K2823-3)
- Power Feed® 84 Wire Feeder Bench Model (K3328-13)
- 0.035 in. (0.9 mm) Drive Roll and Split Wire Guide Kit (KP1505-035S)
- 0.040 - 0.045 in. (1.0 - 1.2 mm) Drive Roll and Split Wire Guide Kit (KP1505-045S)
- Magnum® PRO Curve™ 400 Gun and Cable Pkg., 15 ft. (4.5 m) (K2952-2-10-45)
- Work & Wire Feeder Power Cables Pkg. (K1803-2)
- Inverter and Wire Feeder Cart (K3059-4)
- Harris® Gas Regulator/Flowmeter & 10 ft. (3.0 m) Hose Kit (3100211)

Air Cooled Magnum® PRO Pistol Grip Aluminum 25 ft. (7.6 m) One-Pak® (K3553-1)

- Power Wave® S350 Advanced Process Welder (K2823-3)
- Power Feed® 25M Plastic Case Wire Feeder (K2536-5)
- Inverter and Wire Feeder Cart (K3059-4)
- Harris® Aluminum Flow/Regulator (3100546)
- Magnum® PRO AL Pistol Grip Push/Pull Air Cooled Gun w/25 ft. (7.6 m) Cable (K3478-2)
- Magnum® PRO Nozzle (KP2743-1-62RA)
- Magnum® PRO Diffuser (KP2747-1A)
- Magnum® PRO Insulator (KP2773-1)
- Drive Roll Kit 3/64 in. (1.2 mm) (KP1695-3/64A)
- Drive Roll Kit 1/16 in. (1.6 mm) (KP1695-1/16A)
- Copper Plus® Contact Tip 3/64 in. (1.2 mm) Tapered (KP2745-364AT) (10/pk)
- Copper Plus® Contact Tip 3/64 in. (1.2 mm) (KP2745-364AT5356) (10/pk)
- Copper Plus® Contact Tip 1/16 in. (1.6 mm) (KP2745-116AT) (10/pk)
- Copper Plus® Contact Tip 1/16 in. (1.6 mm) Tapered (KP2745-116AT5356) (10/pk)
- Work & Wire Feeder Power Cable Pkg. (K1803-2)
- ArcLink® Cable 8 ft. (2.4 m) (K1543-8)



Shown:
PIPEFAB® Ready-Pak® (K3734-1)



Shown:
Power Wave® 300C Advanced Educational One-Pak® (K4934-1)

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What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

Water Cooled Magnum® PRO Pistol Grip Aluminum 25 ft. (7.6 m) One-Pak® (K3554-1)

- Power Wave® S350 Advanced Process Welder (K2823-3)
- Power Feed® 25M Semi-Automatic Wire Feeder for Aluminum (K4191-1)
- Inverter and Wire Feeder Cart (K3059-4)
- Harris® Aluminum Flow/Regulator (3100546)
- Water Connection Kit (K590-6)
- Magnum® PRO AL Pistol Grip Push/Pull Water Cooled Gun w/25 ft. (7.6 m) Cable (K3479-2)
- CoolArc® 55 Aluminum Water Cooler (K3086-1)
- Magnum® PRO Coolant (KP3379-4)
- Various Magnum® Gun Accessories
- Drive Roll Kit 3/64 in. (1.2 mm) (KP1695-3/64A)
- Drive Roll Kit 1/16 in. (1.6 mm) (KP1695-1/16A)
- Copper Plus® Contact Tip 550A Aluminum Tapered 3/64 in. (1.2 mm) (KP2745-364AT) (10/pk)
- Copper Plus® Contact Tip 5356 Aluminum 3/64 in. (1.2 mm) (KP2745-364A5356) (10/pk)
- Copper Plus® Contact Tip 550A Aluminum 1/16 in. (1.6 mm) (KP2745-116A) (10/pk)
- Copper Plus® Contact Tip 550A, 5356 Aluminum, Tapered, 1/16 in. (1.6 mm) Tapered (KP2745-116AT5356) (10/pk)
- Work & Wire Feeder Power Cable Pkg. (K1803-2)

Power Wave® S500

Power Feed® 84 One-Pak® (K3186-2)

- Power Wave® S500 (K2904-1)
- Power Feed® 84 Bench Model (K3328-13)
- Drive Roll & Wire Guide Kit 0.040-0.45 in. (1.0-1.1 mm) Solid Wire (KP1505-045S)
- Work Lead Lug & GC500 Ground Clamp (4/0, 600A, 60%) 15 ft. (4.6 m) Package (K2149-1)
- Harris® Gas Regulator/Flowmeter & 10 ft. (3.0 m) Hose Kit (3100211)
- Magnum® PRO Curve™ 400 Gun Pkg., 15 ft. (4.5 m) Cable (K2952-2-10-45)

Power Feed® 84 Ready-Pak® (K3187-2)

- Power Wave® S500 Advanced Process Welder (K2904-1)
- Weld Cable 10 ft. (3 m) (K1842-10)
- Drive Roll Kit 0.040-0.045 in. (1.0-1.1 mm) Solid Wire (KP1505-045S)
- Work Lead - Lug & GC500 Ground Clamp (4/0, 600A, 60%) - 15 ft. (15.3 m) (K2149-1)
- Magnum® PRO Curve™ 400 Welding Guns (K2952-2-10-45)
- Cart for Inverter and Wire Feeder (K3059-4)
- Power Feed® 84 - U/I, Heavy Duty Reel, USB (K3328-13)
- Harris® Model 355-2Ar-58010 Flowmeter Regulator Shielding Gas Kit (3100211)

Power Feed® 84 One-Pak® (K3168-1)

- Power Wave® S500 (K2904-1)
- Power Feed® 84 Bench Model (K3328-13)
- Magnum® PRO Curve™ 400 Gun and Cable Package (K2952-2-10-45)
- 0.040-0.045 in. (1.0-1.1 mm) Drive Roll Kit (KP1505-045S)
- Work Lead Package (K2149-1)
- Harris® Flowmeter Regulator and Hose (3100211)



Shown:
Power Wave® S350 Air Cooled Magnum® PRO Pistol Grip Aluminum One-Pak® (K3553-1)



Shown:
Power Wave® Water Cooled Magnum® PRO Pistol Grip Aluminum One-Pak® (K3554-1)



Shown:
Power Wave® S500 Power Feed® 84 One-Pak® (K3186-2)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

HyperFill® Reveal™ Power Feed® 84 Dual Ready-Pak® Single Cart (K4650-4)

- Power Wave® S500 (K2904-1)
- Power Feed® 84 Dual Wire Feeder (K3330-3)
- Cool Arc® 55S Water Cooler (K3086-2)
- Magnum® PRO Water Cooled 500A Gun (K4522-2-10-564)
- 7 ft. (2.1 m) Water Hose Kit (K4544-7)
- HyperFill® Dual Reel Cart Kit (K4630-1)
- 4-Ball Inlet Guide (K1551-2)
- HyperFill® 0.035-0.040 in. (0.9-1.0 mm) Drive Roll Kit (KP4388-1)
- HyperFill® 0.035 in. (0.89 mm) Contact Tip (KP4482-035)
- Magnum® PRO Water Cooled Gas Nozzle - Thread-On, 1/8 in. (3.1 mm) Recess, 3/4 in. (19.05 mm) (KP4523-1-75R)
- Cable Liner 1/16-5/64 in. (1.6-2.0 mm) 15 ft. (4.6 m) - 10/pack (KP44-564-15)
- Standard Duty Wire Reel Stand (K3342-1)
- Magnum® PRO Curve™ 300A Gun (K2951-2-10-45)
- Standard 0.040-0.045 in. (1.0-1.1 mm) Drive Roll Kit (KP1505-045S)
- Work Lead - Lug & GC500 Ground Clamp (4/0, 600A, 60%) - 15 ft. (4.6 m) (K2149-1)
- Electrode Cable Lug to Lug (3/0, 600A, 60%) 10 ft. (3.0 m) (K1842-10)
- ArcLink® 5-Pin Control Cable 8 ft. (2.4 m) (K1543-8)
- Inverter and Wire Feeder Cart (K3059-4)
- Gas Y Fitting (KP4773-1)
- Harris® Flowmeter Kit (3100856)
- Gateway Pendant Kit (K4997-1) Includes 5 in. (127 mm) Screen Protector (KP4735-2) and 8 ft. (2.4 m) Control Cable (K1543-8)

HyperFill® Reveal™ Power Feed® 84 Single Ready-Pak® (K4650-5)

- Power Wave® S500 (K2904-1)
- Power Feed® 84 Wire Feeder (K3328-3)
- Cool Arc® 55S Water Cooler (K3086-2)
- Magnum® PRO Water Cooled 500A Gun (K4522-2-10-564)
- 7 ft. (2.1 m) Water Hose Kit (K4544-7)
- HyperFill® Dual Reel Cart Kit (K4630-1)
- 4-Ball Inlet Guide (K1551-2)
- HyperFill® 0.035-0.040 in. (0.9-1.0 mm) Drive Roll Kit (KP4388-1)
- HyperFill® 0.035 in. (0.89 mm) Contact Tip (KP4482-035)
- Magnum® PRO Water Cooled Gas Nozzle - Thread-On, 1/8 in. (3.1 mm) Recess, 3/4 in. (19.05 mm) (KP4523-1-75R)
- Cable Liner 1/16-5/64 in. (1.6-2.0 mm) 15 ft. (4.6 m) - 10/pack (KP44-564-15)
- Work Lead - Lug & GC500 Ground Clamp (4/0, 600A, 60%) - 15 ft. (4.6 m) (K2149-1)
- Weld Power Cable - Lug to Lug (3/0, 600A, 60%) - 10 ft. (3 m) (K1842-10)
- ArcLink® (5-Pin) Control Cable - 8 ft. (2.4 m) (K1543-8)
- Inverter and Wire Feeder Cart (K3059-4)
- Gas Y Fitting (KP4773-1)
- Harris® Flowmeter Kit (3100856)
- Gateway Pendant Kit (K4997-1) (Includes: 5 in. (127 mm) Screen Protector (KP4735-2) and 8 ft. (2.4 m) Control Cable (K1543-8))

HyperFill® Reveal™ Power Feed® 84 Dual Ready-Pak® Dual Cart (K4650-6)

- Power Wave® S500 (K2904-1)
- Power Feed® 84 Dual Wire Feeder (K3330-3)
- Cool Arc® 55S Water Cooler (K3086-2)
- Magnum® PRO Water Cooled 500A Gun (K4522-2-10-564)
- M-F Quick Disconnect 7 ft. (2.1 m) Water Hose Kit (K4544-7)
- HyperFill® Reel Stand Conversion Kit (K4630-1)
- HyperFill® 0.035-0.040 in. (0.9-1.0 mm) Drive Roll Kit (KP4388-1)
- HyperFill® 0.035 in (0.89 mm) Contact Tip (KP4482-035)
- Magnum® PRO Water Cooled Gas Nozzle - Thread-On, 1/8 in. (3.2 mm) Recess, 3/4 in. (19.0 mm) (KP4523-1-75R)
- Cable Liner 1/16-5/64 in. (1.6-2.0 mm) 15 ft. (4.6 m) - 10/pack (KP44-564-15)
- Standard Duty Wire Reel Stand (K3342-1)



Shown:
Power Wave® S500 HyperFill® Reveal™ Power Feed® 84 Dual Ready-Pak® Single Cart (K4650-4)



Shown:
Power Wave® S500 HyperFill® Reveal™ Power Feed® 84 Dual Ready-Pak® Dual Cart (K4650-6)



Shown:
Power Wave® Advanced Module (K3685-1)

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What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

HyperFill® Reveal™ Power Feed® 84 Dual Ready-Pak® Dual Cart (K4650-6)Cont'd

- Magnum® PRO Curve™ 300A Gun (K2951-2-10-45)
- Standard 0.040-0.045 in. (1.0-1.1 mm) Drive Roll Kit (KP1505-045S)
- Work Lead - Lug & GC500 Ground Clamp (4/0, 600A, 60%) - 15 ft. (4.6 m) (K2149-1)
- Weld Power Cable - Lug to Lug (3/0, 600A, 60%) - 10 ft. (3 m) (K1842-10)
- ArcLink® 5-Pin Control Cable - 8 ft. (2.4 m) (K1543-8)
- Inverter and Wire Feeder Cart (K3059-4)
- Gas Y Fitting (KP4773-1)
- Harris® Flowmeter Kit (3100856)
- Gateway Pendant Kit (K4997-1) Includes 5 in. (127 mm) Screen Protector (KP4735-2) and 8 ft. (2.4 m) Control Cable (K1543-8)

Power Wave® Advanced Module

Base Model (K3685-1)

- Power Source Output Pigtail Adapter Cable (Tweco®-style)
- 25 ft. (7.6 m) Remote Voltage Sense Lead
- ArcLink® Output Receptacle
- Differential Input and Output (Sync Tandem Output)
- Shielding Gas Input

Power Wave® STT® Module

Base Model (K2902-1)

- Power Source Output Pigtail Adapter Cable (Tweco®-style)
- Remote Voltage Sense Lead, 25 ft. (7.6 m)

CE Model (K2921-1)

- Power Source Output Pigtail Adapter Cable (Tweco®-Style)
- Remote Voltage Sense Lead 25 ft. (7.6 m)

HELIX® M4X™

Base Model (K52318-1)

- Weld Head with SF70X Feeder
- Pelican Case

APEX® 30S MIG Ready-Pak® (K52325-1)

- HELIX® M4X™ Weld Head
- Power Wave® S500
- APEX® 30S
- CoolArc® 55S
- APEX® Pendant
- Torch with Control Cable
- System Cart

APEX® 30S TIG Ready-Pak® (K52326-1)

- HELIX® M4X™ Weld Head
- Power Wave® S500
- APEX® 30S
- CoolArc® 55S
- APEX® Pendant
- Torch with Control Cable
- System Cart

APEX® 30S Hot Wire TIG Ready-Pak® (K52327-1)

- HELIX® M4X™ Weld Head
- Power Wave® S500 (x2)
- APEX® 30S
- CoolArc® 55S
- Power Wave® Advanced Module
- APEX® Pendant
- Torch with Control Cable
- System Cart

HELIX® M85 Weld Head

APEX® 30M MIG Ready-Pak® (K52165-2)

- Power Wave® S500 Advanced Process Welder (K2904-1)
- APEX® 30M (K52160-1)
- HELIX® M85 Weld Head (K52101-1)
- APEX® 3 Series MIG Pendant (K52113-1)
- Gun Assembly 550A 15 ft. (4.6 m) (K52106-15)
- APEX® 30M System Cart (K52166-1)
- HELIX® Control Cable 15 ft. (4.6 m)(K52107-15)
- Pendant Cable 25 ft. (7.6 m) (K52130-25)
- ArcLink® Control Cable 8 ft. (2.4 m) (K1543-8)
- Power Cable Twist Mate™ to Lug 8 ft. (2.4 m)

APEX® 30M HELIX® M85 MIG Ready-Pak® CE (K52165-5)

- Power Wave® S500 CE Advanced Process Welder (K3168-1)
- APEX® 30M (K52160-1)
- HELIX® M85 Weld Head (K52101-1)
- APEX® 3 Series MIG Pendant (K52113-1)
- Gun Assembly 550A 15 ft. (4.6 m) (K52106-15)
- APEX® 30M System Cart (K52166-1)
- HELIX® Control Cable 15 ft. (4.6 m) (K52107-15)
- Pendant Cable (K52130-25)
- ArcLink® Control Cable 8 ft. (2.4 m) (K1543-8)
- Weld Cable Twist Mate™ to Lug 10 ft. (K52279-10)
- USB Flash Drive 8GB (S31281)
- APEX® 30M Crate (M23516)



Shown:
APEX® 30S M4X™ TIG Ready-Pak® (K52326-1)



Shown:
APEX® 30S M4X™ Hot Wire TIG Ready-Pak® (K52327-1)



Shown:
APEX® 30S HELIX® M85 MIG Ready-Pak® (K52257-1)

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What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

APEX® 30S MIG Ready-Pak® (K52257-1)

- Power Wave® S500 Advanced Process Welder (K2904-1)
- APEX® 30S Mechanized Controller (K52217-1)
- HELIX® M85 Weld Head (K52101-1)
- HELIX® SF70A-1 M85 Onboard Wire Feeder (K52230-1)
- APEX® 3 Series MIG Pendant (K52113-1)
- Magnum® PRO 550 LP12 Mechanized 25 ft. (7.6 m) Cable Length (K52223-25)
- Inverter and Wire Feeder Cart (K3059-4)
- Pendant Cable 25 ft. (7.6 m) (K52130-25)
- CAM Lock Terminal Adapter (9EM21433-2)

APEX® 30S HELIX® 30S M85 MIG Ready-Pak® CE (K52257-2)

- Power Wave® S500 CE Advanced Process Welder (K3168-1)
- APEX® 30S Mechanized Controller (K52217-1)
- HELIX® M85 Weld Head (K52101-1)
- HELIX® SF70A-1 Onboard Wire Feeder (K52230-1)
- APEX® 3 Series MIG Pendant (K52113-1)
- Magnum® PRO 550 LP12 Mech Twist Mate™ w/Control Cable (K52259-25C)
- Inverter and Wire Feeder Cart (K3059-4)
- Pendant Cable (K52130-25)
- USB Flash Drive 8GB (S31281)
- APEX® 30M Crate (M23516)

APEX® 30S TIG Ready-Pak® (K52260-1)

- Power Wave® S500 Advanced Process Welder (K2904-1)
- APEX® 30S Mechanized Controller (K52217-1)
- HELIX® M85 Weld Head (K52101-1)
- HELIX® SF70A-1 M85 Onboard Wire Feeder (K52230-1)
- APEX® 3 Series TIG Pendant (K52216-1)
- PTW-18M-500 Mechanized TIG Torch w/Cable 25 ft. (7.6 m) (K52229-25)
- Torch Holder Assembly 1.38 in. (35.1 mm) (K52222-138)
- Wire Manipulator Assembly 1 (K52231-1)
- Wire Guide Torch Clamp Kit (K52232-1)
- Cool Arc® 55 S Water Cooler (K3086-2)
- Inverter and Wire Feeder Cart (K3059-4)
- Pendant Cable 25 ft. (7.6 m) (K52130-25)
- CAM Lock Terminal Adapter (9EM21433-2)

APEX® 30S HELIX® M85 TIG Ready-Pak® CE (K52260-2)

- Power Wave® S500 CE Advanced Process Welder (K2904-1)
- APEX® 30S Mechanized Controller (K52217-1)
- HELIX® M85 Weld Head (K52101-1)
- HELIX® SF70A-1 Onboard Wire Feeder (K52230-1)
- APEX® 3 Series TIG Pendant (K52216-1)
- PTW-18M-500 TIG Torch w/Control Cable Twist Mate™ 25 ft. (K52261-25C)
- Torch Holder Assembly 1.38 in. (34.9 mm) (K52222-138)
- Wire Manipulator Assembly 1 (K52231-1)
- Barrel Torch
- Wire Guide Torch Clamp Kit (K52232-1)
- Cool Arc® 50 (K14050-1)
- Inverter and Wire Feeder Cart (K3059-4)
- Pendant Cable (K52130-25)
- USB Flash Drive 8GB (S31281)
- APEX® 30M Crate (M23516)

APEX® 30S Hot Wire TIG Ready-Pak® (K52266-1)

- Power Wave® S500 Advanced Process Welder (K2904-1)
- Power Wave® Advanced Module (K3685-1)
- APEX® 30S Mechanized Controller (K52217-1)
- HELIX® M85 Weld Head (K52101-1)
- HELIX® SF70A-1 Onboard Wire Feeder (K52230-1)
- APEX® 3 Series TIG Pendant (K52216-1)
- PTW-18M-500 Mechanized TIG Torch w/Cable 25 ft. (7.6 m) (K52229-25)
- Torch Holder Assembly 1.38 in. (34.9 mm) (K52222-138)
- Wire Manipulator Assembly 1 - Barrel Torch (K52231-1)
- Wire Guide Torch Clamp Kit (K52232-1)
- Cool Arc® 55 S Water Cooler (K3086-2)
- APEX® Lift Cart (K52236-1)
- Pendant Cable 25 ft. (7.6 m) (K52130-25)
- ArcLink® Control Cable - 8 ft. (2.4 m) (K1543-8)
- Hot Wire TIG Sense Lead Adapter (K52228-1)
- Hot Wire Weld Cable 28 ft. (8.53 m)
- CAM Lock Terminal Adapter (9EM21433-2)



Shown:
HELIX® M627 Clamp-On Orbital TIG Weld Head (K52283-1)



Shown:
APEX® 30S HELIX® M627 TIG Ready-Pak® (K52285-1)

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What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

APEX® 30S HELIX® M85 Hot Wire TIG Ready-Pak® CE (K52266-2)

- Power Wave® Advanced Module (K3685-1)
- APEX® 30S Mechanized Controller (K52217-1)
- AL Bridge Kit (K52226-1)
- HELIX® M85 Weld Head (K52101-1)
- HELIX® SF70A-1 Onboard Wire Feeder (K52230-1)
- APEX® 3 Series TIG Pendant (K52216-1)
- PTW-18M-500 TIG Torch W/Control Cable Twist Mate™ 25 ft. (K52261-25C)
- Torch Holder Assembly 1.38 in. (34.9 mm) (K52222-138)
- Wire Manipulator Assembly 1 - Barrel Torch (K52231-1)
- Wire Guide Torch Clamp Kit (K52232-1)
- Cool Arc® 50 (K14050-1)
- APEX® Lift Cart (K52236-1)
- Pendant Cable (K52130-25)
- ArcLink® Control Cable - 8 ft. (2.4 M) (K1543-8)
- Hot Wire TIG Sense Lead Adapter (K52228-1)
- Hot Wire Weld Cable 28 ft. (M23131-28)
- Brass Thin Hex Nut 7/16-20 (S32536)
- USB Flash Drive 8GB (S31281)
- Crate APEX® Systems (M23330)

HELIX® M627

Clamp-On Orbital TIG Weld Head (K52283-1)

- HELIX® M627 Weld Head
- Pelican Case
- HELIX® M Clamp Expendables Kit
- Low Profile TIG Torch
- Low Profile Cable Retainer
- Clamp Shoe 6.625 in. (168.3 mm)
- Clamp Shoe 5.563 in. (141.3 mm)
- Clamp Shoe 4.5 in. (114.3 mm)
- Clamp Shoe 4.0 in. (101.6 mm)
- Clamp Shoe 3.5 in. (88.9 mm)
- Clamp Shoe 2.875 in. (73.0 mm)
- Clamp Shoe 2.375 in. (60.3 mm)
- Clamp Shoe 1.9 in. (48.3 mm)

APEX® 30S TIG Ready-Pak® (K52285-1)

- HELIX® M627 Clamp-on Orbital TIG Weld Head (K52283-1)
- Power Wave® S500 Advanced Process Welder
- APEX® 30S Mechanized Controller
- Cool Arc® 55 S Water Cooler
- APEX® 3 Series TIG Pendant
- HELIX® M627 Weld Head
- Pelican Case
- HELIX® M Clamp Expendables Kit
- Low Profile Cable Retainer
- Clamp Shoe 6.625 in. (168.3 mm)
- Clamp Shoe 5.563 in. (141.3 mm)
- Clamp Shoe 4.5 in. (114.3 mm)
- Clamp Shoe 4.0 in. (101.6 mm)
- Clamp Shoe 3.5 in. (88.9 mm)
- Clamp Shoe 2.875 in. (73.0 mm)
- Clamp Shoe 2.375 in. (60.3 mm)
- Clamp Shoe 1.9 in. (48.3 mm)

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Accessories

Product Name	Product No.	Power Wave® 300C Base Model K4487-1	Power Wave® S350 Base Model K2823-3	Power Wave® S500 Base Model K2904-1	Power Wave® R450 Base Model K3451-1	Power Wave® S700 Base Model K3297-1
GENERAL						
CanVAS™ Cover Medium	K2378-1	•				
Power Wave® 300C Water Cooler Adapter Kit	K4898-1	•				
Power Wave® 300C and Power MIG® 260/360 MP Canvas Cover	K3675-1	•				
Power Wave® 300C Dual Gas Bottle Upgrade Kit	K4866-1	•				
Inverter and Wire Feeder Cart	K1764-1		•	•		
Inverter and Wire Feeder Cart	K3059-4		•	•		
Power Wave® S700 Cart Mounting Kit	K4991-1					•
Dual Cylinder Inverter and Wire Feeder Cart	K3059-5		•	•		
12-pin to 6-pin Adapter Cable	K2909-1	•	•	•	•	•
12-pin (M) to 7-pin (F) Adapter Cable	K2910-1	•				
Cool Arc® 40 Water Cooler 115/1/50/60	K1813-1	•	•	•	•	•
Cool Arc® 55 Water Cooler	K3086-1		•	•	•	•
Cool Arc® 55 S Water Cooler	K3086-2		•	•	•	•
S-Series User Interface Kit	K3001-2		•	•	•	
115V Auxiliary Power Kit	K2829-1		•			
CE Filter	K2444-4					•
Tweco®-Style Cam-Lock Adapter Plug for 2/0 Cable	K2946-1		•		•	
STT® Sense Lead Kit, 25 ft. (7.6 m)	K940-25	•	•	•	•	•
STT® Sense Lead Kit, 75 ft. (22.9 m)	K940-75	•	•	•	•	•
Heavy Duty Process Sense Lead, 50 ft. (15.2 m)	K1811-50		•	•	•	•
Heavy Duty Process Sense Lead, 100 ft. (30.5 m)	K1811-100		•	•	•	•
Work Lead Package	K2149-1			•	•	•
Coaxial Weld Power Cable (350A), 25 ft. (7.6 m)	K1796-25			•	•	•
Coaxial Weld Power Cable (350A), 50 ft. (15.2 m)	K1796-50			•	•	•
Coaxial Weld Power Cable (300A), 75 ft. (22.9 m)	K1796-75			•	•	•
Coaxial Weld Power Cable (300A), 100 ft. (30.5 m)	K1796-100			•	•	•

• Optional

Accessories

Product Name	Product No.	Power Wave® 300C Base Model K4487-1	Power Wave® S350 Base Model K2823-3	Power Wave® S500 Base Model K2904-1	Power Wave® R450 Base Model K3451-1	Power Wave® S700 Base Model K3297-1
TIG						
TIG Torches (see E12.150 or Guns and Torches Section)	–	•	•	•		•
Foot Amptrol 12-pin 25 ft. (7.6 m)	K870-2	•	•	•		
Hand Amptrol 12-pin 25 ft. (7.6 m)	K963-4	•	•	•		
TIG Torch Twist Mate™ to Stud Adapter Cable, 2 ft. (0.61 m) Gas Hose	K2505-3	•				
Tweco® Air Cooled Adapter	K1622-6		•			
Tweco®-Style Cam Lock Adapter, 26 Series Torches	K960-3		•			
Tweco®-Style Cam Lock Adapter, 17 Series Torches	K960-4		•			
WIRE FEEDER						
Fast-Mate™ Adapter	K489-8	•				
Drive Roll Kit, 0.035 in. (0.9 mm) Aluminum Wire	KP1695-035A	•				
Drive Roll Kit, 3/64 in. (1.2 mm) Aluminum Wire	KP1695-3/64A	•				
AutoDrive® 19 Controller	K3004-2		•	•	•	•
AutoDrive® 19 Tandem Controller	K3171-1			•	•	•
AutoDrive® S Wire Feeder	K4303-2			•	•	•
AutoDrive® SA Push Feeder	K4444-1			•	•	•
AutoDrive® SA Pull Feeder	K4445-1			•	•	•
Power Wave® STT® Module (US/International)	K2902-1		•	•	•	
Power Wave® STT® Module (CE)	K2921-1		•	•	•	
Power Wave® Advanced Module	K3685-1		•	•	•	
Water Cooler Hoses (CGA to CGA)	K1859-2	•	•	•	•	•
Water Connection Kit	K590-6				•	•

• Optional

Accessories

Product Name	Product No.	PIPEFAB® Power Source Base Model K3731-1	Power Wave® 300C Base Model K4487-1	Power Wave® S350 Base Model K2823-3	Power Wave® S500 Base Model K2904-2	Power Wave® R450 Base Model K3451-1	Power Wave® S700 Base Model K3297-1
MIG							
Magnum® PRO AL FC 225 Air 12-Pin Front Trigger Push-Pull Guns							
12-pin, 15 ft. (4.5 m)	K4797-1		•	•	•		•
12-pin, 25 ft. (7.6 m)	K4797-2		•	•	•		•
12-pin, 35 ft. (10.6 m)	K4797-3		•	•	•		•
12-pin, 50 ft. (15.2 m)	K4797-4		•	•	•		•
Magnum® PRO AL FC 450 Water 12-Pin Front Trigger Push-Pull Guns							
12-pin, 15 ft. (4.5 m)	K4798-1			•	•		•
12-pin, 25 ft. (7.6 m)	K4798-2			•	•		•
12-pin, 35 ft. (10.6 m)	K4798-3			•	•		•
12-pin, 50 ft. (15.2 m)	K4798-4			•	•		•
Magnum® PRO AL Pistol Grip Air Cooled Push-Pull Guns							
12-pin, 15 ft. (4.5 m)	K3478-1		•	•	•		•
12-pin, 25 ft. (7.6 m)	K3478-2		•	•	•		•
12-pin, 35 ft (10.7 m)	K3478-3		•	•	•		•
Magnum® PRO AL Pistol Grip Water Cooled Push-Pull Guns							
12-pin, 15 ft. (4.5 m)	K3479-1			•	•		•
12-pin, 25 ft. (7.6 m)	K3479-2			•	•		•
Cougar™ Air Cooled Push-Pull Gun, 7-pin, 25 ft. (7.6 m)	K2704-2		•				
Cougar™ Air Cooled Push-Pull Gun, 7-pin, 50 ft. (15.2 m)	K2704-3		•				
PIPEFAB® Connectivity Hub	K4720	•					
PIPEFAB® Feeder HyperFill® Reel Stand	K4793-1	•					
PIPEFAB® Dual Bottle Undercarriage	K3736-1	•					
PIPEFAB® Feeder Caster Kit	K4728-1	•					
PIPEFAB® Remote UI	K3738-1	•					
SPOOL GUN							
Magnum® PRO 250LX™ GT Spool Gun	K3569-2		•				
2-YEAR EXTENDED WARRANTY AVAILABLE	–		•	•	•	•	•

For more information on our Extended Warranty program, visit www.lincolnelectric.com/warranty

• Optional



MULTI-OPERATOR WELDING SYSTEMS

MODEL				PROCESS							INPUT		FEATURES		
	Mode	Polarity	Current Range (Amps)	Stick	TIG	MIG	Pulsed	Flux-Cored	Submerged Arc	Arc Gouge	Phase	Hertz	Touch-Start TIG®	One Disconnect Switch	IP23 Rated
RACK SYSTEMS															
Flextec® 350X Construction	CC/CV	DC	5-425	●	●	●	●	●		◒	3	50/60	•		•
Flextec® 350XP	CC/CV	DC	5-425	●	●	●	●	●		◒	3	50/60	•		•
Flextec® 350X PowerConnect®	CC/CV	DC	4-425	●	●	●	●	●		◒	3	50/60	•		•
Flextec® 500X	CC/CV	DC	5-500	●	●	●	●	●		●	3	50/60	•		•
Flextec® 650X	CC/CV	DC	40-815	●	●	●		●	●	●	3	50/60	•		•
Invertec® V276	CC	DC	5-275	●	●					◒	3	50/60	•		•
MULTI-ARC SYSTEM															
Dual Maverick™ 200/200X	CC/CV	DC	30-450	●	●	●		●		●	NA	NA			•

KEY: ● Excellent ◒ Good • Optional

Flextec® 350X Construction Inverter Racks

Simple. Reliable. Flexible.

- Ready for DC stick, DC TIG, MIG and flux-cored welding
- Available in 4 and 6-pack configurations
- Power sources connect to one easy incoming power drop
- Individual fuses provide overcurrent protection for each power source
- Two overhead lift eyes, standard forklift slots and optional casters provide easy maneuverability
- Includes work leads from individual machine to common inverter rack ground lug
- 5-Year Warranty



Processes
- Stick
- TIG
- MIG
- Flux-Cored
- Gouging

Output

Input

Literature
E5.92 and E5.109

Product Name	Output Connection	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle[1]	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Flextec® 350X Construction 4-Pack Rack	Tweco®	K3402-3	380/460/575/3/50/60	350A/34V/60% 300A/32V/100%	64/60/60A (4-Pack) 107/101/101A (8-Pack)	5-425A	59.72 x 37.5 x 32.88 (1516 x 952 x 835)	620 (281)
Flextec® 350X Construction 6-Pack Rack		K4277-2			74/68/68		71.22 x 48 x 35.5 (1809 x 1219 x 902)	830 (377)
Caster Kit		K2665-1						
Flextec® 350X Construction 6-Pack Rack w/ Casters One-Pak®		K4277-3						

[1]Based on a 10 minute period. Output is for each individual machine.

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Flextec® 350X PowerConnect® Inverter Racks

Compact, Rugged and Complete

- Runs on any input voltage 200-600VAC
- Multi-process machine capable of pulse welding
- Available in 4 and 6-pack configurations
- Power sources connect to one easy incoming power drop
- Individual fuses provide overcurrent protection for each power source
- Two overhead lift eyes, standard forklift slots and optional casters provide easy maneuverability
- 5-Year Warranty



Processes
- Stick
- TIG
- MIG
- Pulsed MIG
- Flux-Cored
- Gouging

Output

Input

Literature
E5.109 and E5.92

Product Name	Output Connection	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle[1]	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Flextec® 350X PowerConnect® 4-Pack Rack	Tweco®	K4726-2	350A/34V/60% 300A/32V/100%	200/230/380/460/575/ 3/50/60	124/110/60/50/43A	5-425A	59.72 x 37.25 x 32.88 (1516 x 952 x 835)	644 (293)
6-Pack Rack	Tweco®	K4727-2			166/147/81/67/57A		71.22 x 48 x 35.5 (1809 x 1219 x 902)	692 (313.89)
Caster Kit		K2665-1						

[1]Based on a 10 minute period. Output is for each individual machine.

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Flextec® 350XP Inverter Racks

Heavy-Duty, Compact, Expandable

- Multi-process machine capable of pulse welding
- Available in 4 and 6-pack configurations
- Power sources connect to one easy incoming power drop
- Individual fuses provide overcurrent protection for each power source
- Two overhead lift eyes, standard forklift slots and optional casters provide easy maneuverability
- 5-Year Warranty



Processes
- Stick
- TIG
- MIG
- Pulsed MIG
- Flux-Cored
- Gouging

Output

Input

Literature
E5.92 and E5.109

Product Name	Output Connection	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle[1]	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Flextec® 350XP 4-Pack Rack	Tweco®	K3403-3	380/460/575/3/50/60	350A/34V/60% 300A/32V/100%	64/60/60A	5-425A	59.72 x 37.25 x 32.88 (1516 x 946 x 835)	620 (281)
6-Pack Rack	Tweco®	K4281-2			85/81/81A		71.22 x 48 x 35.5 (1809 x 1219 x 902)	830 (377)
Caster Kit		K2665-1						

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Flextec® 500X Inverter Racks

Faster Setup, More Arc Time

- Ready for DC Stick, DC TIG, MIG and Flux-Cored welding and Arc Gouging
- Available in 4 and 6-pack configurations
- Power sources connect to one easy incoming power drop
- Individual fuses provide overcurrent protection for each power source
- Two overhead lift eyes, standard forklift slots and optional casters provide easy maneuverability
- IP23 rated meaning the welder will excel in outdoor environments, such as construction sites and shipyards, and it's Desert Duty® rated for operation in the harshest environments (up to 131 °F or 55 °C)
- 5-Year Warranty



Processes
- Stick
- TIG
- MIG
- Pulsed MIG
- Flux-Cored
- Gouging

Output

Input

Literature
E5.92 and E5.108

Product Name	Output Connection	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle[1]	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Flextec® 500X 4-Pack Rack	Lug	K4466-1	380/460/575/3/50/60	500A/40V/60% 450A/38V/100%	110/92/92	5-500A	71.22 x 36 x 35.5 (1809 x 914 x 902)	800 (363)
6-Pack Rack	Lug	K4465-1			147/123/123		71.22 x 48 x 35.5 (1809 x 1219 x 902)	1100 (499)
Caster Kit		K2665-1						

[1]Based on a 10 minute period. Output is for each individual machine.

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Flextec® 650X Inverter Racks

Simple Operation, Advanced Gouging Power

- Handles DC Stick, DC TIG, MIG, Flux-Cored and Gouging
- Power sources connect to one easy incoming power drop
- Individual fuses provide overcurrent protection for each power source
- Two overhead lift eyes, standard forklift slots and optional casters provide easy maneuverability
- Engineered for outdoor use and harsh environments (IP23 rated) and Desert Duty® Rated for extreme temperatures up to 131 °F (55 °C)
- 5-Year Warranty



Processes
- Stick
- TIG
- MIG
- Flux-Cored
- Gouging

Output

Input

Literature
E5.92 and E5.96

Product Name	Output Connection	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle[1]	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Flextec® 650X 4-Pack Rack	Lug	K3510-1	380/460/575/3/50/60	650A/44V/100% 750A/44V/60%	213/217/170A	10-815A	71.22 x 36 x 35.5 (1809 x 914 x 902)	950 (435)
Caster Kit		K2665-1						

[1]Based on a 10 minute period. Output is for each individual machine.

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Invertec® V276 Inverter Racks

Simple. Reliable. Flexible.

- One easy connection – Allows power sources to be connected with one primary power drop
- Available in 4 and 8-pack configurations
- Power sources connect to one easy incoming power drop with a common disconnect switch
- Individual fuses provide overcurrent protection for each power source
- Two overhead lifting eyes, standard forklift slots and optional casters provide easy maneuverability



Processes
- Stick
- TIG
- Gouging

Output

Input

Literature
E5.92 and E2.161

Product Name	Output Connection	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle[1]	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Invertec® V276 4-Pack Rack	Tweco®	K4869-1	208/230/460/575/3/60*	275A/31V/35%* 250A/30V/60% 200A/28V/100%	96/89/46/39A	20-275	55 x 23 x 29 (1397 x 585 x 737)	420 (191)
8-Pack Rack		K4869-2			161/149/77/65A		58 x 42 x 29 (1474 x 1067 x 737)	750 (341)
Caster Kit		K2665-1						

* Rating not applicable for 208VAC 3-Phase

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Dual Maverick® 200/200X (Kubota®)

Harness the Power of Two

- Two welders powered by one diesel engine to save space and reduce maintenance
- Features CrossLinc® Technology to help improve jobsite safety, quality and productivity
- Variable speed RPM and Auto Stop/Start features lower fuel consumption
- Quiet machine - only 69 dBA with two operators running 1/8 in. (3.18 mm) Excalibur® 7018 MR® electrodes



Processes
- Stick
- TIG
- MIG
- Flux-Cored
- Gouging

Output

Input

Literature
E6.52.1

Product Name	Product Number	Rated Output @ 104°F (40°C)	Output Range	Engine	No. of Cylinders	HP & Speed (rpm)	H x W x L in (mm)	Net Wt lb (kg)
Dual Maverick™ 200/200X	K4382-2	Single Mode: 450A/24.5/60% 335A/33.4V/60% 290A/31.6V/100% Dual Mode: 225A/24.5V/60% 200A/28V/60% 170A/26.8V/100%	Single Mode: 50-450A DC Dual Mode: 30-225A DC 1-Ph/AC Power: 10,000 watts	Kubota® D902 Tier 4 Final Compliant	3	24.8 @ 3600	Machine Only: 36.1 x 27.0 x 65.0 (917 x 686 x 1651) To Top of Exhaust Pipe: 44.4 (1147.5)	1160 (526)
Ready-Pak® Pkg. 3	K4382-2-RP3							–

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Empty Racks with Distribution Boxes:

Flextec® 350X Empty 4-Pack Rack
Complete rack assembly without welders. Includes 35A fuses.
Order K3400-2



Flextec® 350X Empty 4-Pack Rack

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

Flextec® 350X Construction Inverter Racks

4-Pack Rack (K3402-3)

- Flextec® 350X Empty 4-Pack Rack (K3400-2)
- (Qty. 4) Flextec® 350X Construction (Tweco®) (K4271-2)
- (Qty. 4) Flextec® 350X Locking Foot Kit (K4424-1)

6-Pack Rack (K4277-2)

- Flextec® 350X Empty 6-Pack Rack (K4769-2)
- (Qty. 6) Flextec® 350X Locking Foot Kit (K4424-1)
- (Qty. 6) Flextec® 350X Construction (Tweco®) (K4271-2)

6-Pack Rack One-Pak® (K4277-3)

- Work Cables
- Flextec® 350X Construction (Tweco®) 6-Pack Rack (K4277-2)
- Caster Kit (K2665-1)

Flextec® 350X PowerConnect® Inverter Racks

4-Pack Rack (K4726-2)

- Flextec® 350X Empty 4-pack Rack (K3400-2)
- (Qty. 4) Flextec® 350X PowerConnect® (Tweco®) (K4273-2)
- (Qty. 4) Work Leads and Common Ground Studs

6-Pack Rack (K4727-2)

- Flextec® 350X Empty 6-pack Rack (K4769-2)
- (Qty. 6) Flextec® 350X PowerConnect® (Tweco®) (K4273-2)
- (Qty. 6) Work Leads and Common Ground Studs

Flextec® 350XP Inverter Racks

4-Pack Rack (K3403-3)

- Flextec® 350X Empty 4-Pack Rack (K3400-2)
- (Qty. 4) Flextec® 350XP (Tweco®) (K4272-2)
- (Qty. 4) Work Leads and Common Ground Studs

6-Pack Rack (K4281-2)

- Flextec® 350X Empty 6-Pack Rack (K4769-2)
- (Qty. 6) Flextec® 350XP (Tweco®) (K4272-2)
- Work Leads and Common Ground Studs

Flextec® 500X Inverter Racks

4-Pack Rack (K4466-1)

- (Qty. 4) Flextec® 500X Power Sources
- Tough Protective Inverter Rack

6-Pack Rack (K4465-1)

- (Qty. 6) Flextec® 500X Power Sources
- Tough Protective Inverter Rack

Flextec® 650X Inverter Rack

4-Pack Rack (K3510-1)

- (Qty. 4) Flextec® 650X Power Source (K3425-1)
- (Qty. 4) Locking Foot Kits
- Protective Inverter Rack Structure

Invertec® V276 Inverter Racks

4-Pack Rack (K4869-1)

- (Qty. 4) Invertec® V276 (Tweco®) Power Source (K4868-1)
- (Qty. 4) 10 ft. Input Power Cables
- (Qty. 4) Work Leads
- Common Work Stud
- Stud Cover
- Rack and Distribution Panel

8-Pack Rack (K4869-2)

- (Qty. 8) Invertec® V276 (Tweco®) Power Sources (K4868-1)
- (Qty. 8) 10 ft. Input Power Cables
- (Qty. 8) Work Leads
- Common Work Stud
- Stud Cover
- Rack and Distribution Panel

Dual Maverick® 200/200X

(Kubota®) Ready-Pak® 1 (K4382-2-RP1)

- Dual Maverick® 200/200X (Kubota®) (K4382-2)
- Electrode Holder - 400A, 60% Duty Cycle (K909-8) (EH-405HD)
- Cable Rack for Welder Trailers (K2640-1)
- Fender and Light Kit for Welder Trailers (K2639-1)
- Medium Two-Wheel Welder Trailer (K2636-1)
- Weld Cable, Tweco® Male and Female (3/0, 600A, 60%) 50 ft. (15.3 m) (K2485-3)
- Weld Cable, Tweco® Male and Open End (3/0, 600A, 60%) 10 ft. (3 m) (K2483-3)
- Insulated CT40FS Female Connector (K2487-1)
- Weld Cable, Tweco® Male and 0.53 Lug (3/0, 600A, 60%) - 50 ft. (15.3 m) (K2484-3)
- GC-500 Work Clamp - 500A, 60% Duty Cycle (K910-2)

(Kubota®) Ready-Pak® 3 (K4382-2-RP3)

- Dual Maverick® 200/200X (Kubota®) (K4382-2)
- Cable Rack for Welder Trailers (K2640-1)
- Fender and Light Kit for Welder Trailers (K2639-1)
- Medium Two-Wheel Welder Trailer (K2636-1)

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Accessories

Product Name	Product No.	Flextec® 350X				Flextec® 350X PowerConnect®		Flextec® 500X		Flextec® 650X	Invertec® V276		Dual Maverick™ 200/200X
		4-Pack Rack XP Standard	6-Pack Rack XP Standard	4-Pack Rack Construction	6-Pack Rack Construction	4-Pack Rack	6-Pack Rack	4-Pack Rack	6-Pack Rack	4-Pack Rack	4-Pack Rack	8-Pack Rack	Base Model
		K3403-3	K4281-2	K3402-3	K4277-2	K4726-2	K4727-2	K4466-1	K4465-1	K3510-1	K4869-1	K4869-2	K4382-2
GENERAL													
LC-40, Tweco® Style Plug (Male, 1/0 Through 2/0)	K3416-70	•	•	•	•	•	•				•	•	
LC-40, Tweco® Style Receptacle (Female, 1/0 Through 2/0)	K3417-70	•	•	•	•	•	•				•	•	
LC-40HD, Tweco® Style Plug (Male, 3/0 Through 4/0)	K3416-90	•	•	•	•	•	•				•	•	
LC-40HD, Tweco® Style Receptacle (Female, 3/0 Through 4/0)	K3417-90	•	•	•	•	•	•				•	•	
Remote Output Control, 6-pin, 25 ft (7.6 m)	K857										•	•	•
Remote Output Control, 6-pin, 100 ft (30 m) (Compatible with Flextec® Machines With Addition of K2909-1, 12-pin to 6-pin Adpater Cable)	K857-1										•	•	•
Remote Output Control, 12-pin, 25 ft (7.6 m)	K857-2	•	•	•	•	•	•	•	•	•			
Remote Output Control, 12-pin, 100 ft (30 m)	K857-3	•	•	•		•	•	•	•	•			
CrossLinc® Remote	K4345-1	•	•	•	•	•	•	•	•	•			•
Flextec® 350X 4-Pack to 8-Pack Rack Conversion Kit (Included With Full Rack System)	K3410-1	•		•		•							
Flextec® 500X Locking Foot Kit	K3056-2									•			
Flextec® 350X Locking Foot Kit (Included With Full Rack System)	K4424-1	•	•	•	•	•	•						
Caster Kit	K2665-1	•	•	•	•	•	•	•	•	•	•	•	

Tweco® is a registered trademark of Victor Technologies International, Inc.

For more information on our Extended Warranty program, visit www.lincolnelectric.com/warranty

• Optional



ENGINE DRIVES: COMMERCIAL

MODEL	OUTPUT				PROCESS										FEATURES												
	Mode	Polarity	Current Range (Amps)	AC Generator Power[1] (watts)	Stick	Pipe	DC TIG Scratch Start	Touch Start TIG®	AC TIG	MIG	Flux-Cored	Arc Gouge in (mm)	Battery Charger	Battery Jump	Compressor	Reactor Technology	Chopper Technology®	Tube Frame	Enclosed Case	Electric Fuel Gauge	Remote Capable	Downhill Pipe Mode	Arc Force Control	Hot Start	Digital Meters	Digital User Interface	Maintenance Screen	Automatic Start/Stop	Remote Start/Stop
GASOLINE																													
Bulldog® 5500	CC	AC	70-140 AC	5,500 S 4,000 C	●											•		•											
Outback® 145	CC	DC	50-145 DC	4,750 P 4,250 C	●											•		•											
Outback® 185	CC	DC	50-185 DC	5,700 P 5,200 C	●											•		•											
Ranger® 225	CC/ CV	DC	50-225 DC	10,500 P 9,000 C	●		●			◒	◒					•			•										
Ranger® 260MPX™	CC/ CV	DC	20-260 DC 20-255 DC TIG	10,000 P 9,500 C	●			●		●	●	◒ 3/16 (4.8)					•		•	•	•				•	•	•		
Ranger® Air 260MPX	CC CV	DC	35 - 260A DC 25 - 260A DC TIG	11,500 P 9,000 C	●			●	●	●	●		●	●	●		•		•	•	•				•	•	•	•	•
Ranger® 330MPX™	CC/ CV	DC	20-330 DC 40-330 DC Pipe 20-325 DC TIG	11500 P 10000 C	●	●		●		●	●	● 3/16 (4.8)					•		•	•	•	•	•	•	•	•	•		
Ranger® Air 330MPX™	CC/ CV	DC	35 - 330A Stick 25 - 330A DC TIG	11500 P 10000 C	●	●		●		●	●	● 3/16 (4.8)	●	●	●		•		•	•	•	•	•	•	•	•	•	•	•
LIQUID PROPANE GAS																													
Ranger® 305 LPG	CC/ CV	DC	20-300 DC 40-300 DC Pipe 20-250 DC TIG	10,000 P 9,000 C	●	●		●		●	●	● 3/16 (4.8)					•		•		•	•	•	•	•				

[1] P= Peak Power C = Continuous Power

KEY: ● **Excellent** ◒ **Good** ○ **Optional**

Bulldog® 5500 (Kohler®)

The Stick Welder's Best Friend

- AC welding with up to 1/8 in. (3.2 mm) stick electrode
- Low-Lift™ grab bars provide leverage for lifting on and off truck beds
- Rugged tube frame for sturdy protection
- 4,000 watts of continuous AC generator power



Processes
- Stick

Output

Input

Literature
E6.32

Product Name	Product Number	Rated Output: Current/ Voltage/Duty Cycle	Output Range	Engine	# of Cyl.	HP & Speed (rpm)	H x W x D in (mm)	Net Wt lb (kg)
Bulldog® 5500	K2708-2	125A AC/20V/30% 100A AC/25V/60%	70-140A AC 5,500 W Peak 4,000 W Continuous	Kohler® CH395	1	9.5 @ 3600	25.6 x 21.8 x 31.5 (651 x 553 x 800)	198 (90)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Outback® 145 (Kohler®)

Built for the Great Outdoors

- DC welding with up to 1/8 in. (3.2 mm) stick electrode
- Low-Lift™ grab bars provide leverage for lifting on and off truck beds
- Rugged tube frame for sturdy protection
- 4250 watts of continuous AC generator power
- 6.8 gallon (25.74 L) fuel tank



Processes
- Stick

Output

Input

Literature
E6.65

Product Name	Product Number	Rated Output: Current/ Voltage/Duty Cycle	Output Range	Engine	# of Cyl.	HP & Speed (rpm)	H x W x D in (mm)	Net Wt lb (kg)
Outback® 145	K2707-2	80A DC/25V/100% 100A DC/25V/60% 125A DC/25V/30%	50-145A DC 4,750 W Peak 4,250 W Continuous	Kohler® CH395	1	8.9 @ 3600	25.5 x 21.2 x 31.5 (647 x 537 x 800)	234 (106)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Outback® 185 (Kohler®)

Unleash the Power

- DC welding with up to 5/32 in. (4.0 mm) stick electrode
- Low-Lift™ grab bars provide leverage for lifting on and off truck beds
- Rugged tube frame for sturdy protection
- 5,200 watts of continuous AC generator power
- All engine controls on front control panel
- 6.8 gallon (25.5 L) fuel tank



Processes
- Stick

Output

Input

Literature
E6.70

Product Name	Product Number	Rated Output: Current/ Voltage/Duty Cycle	Output Range	Engine	# of Cyl.	HP & Speed (rpm)	H x W x D in (mm)	Net Wt lb (kg)
Outback® 185	K2706-2	100A DC/25V/100% 130A DC/25V/60% 150A DC25V/20%	50-185A DC 5,700 W Peak 5,200 W Continuous	Kohler® CH440	1	14 @ 3600	25.6 x 21.8 x 31.5 (651 x 553 x 800)	295 (134)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Ranger® 225

Arm Yourself with the Right Welder for the Job

- Totally enclosed case protects the engine and limits noise
- Up to 225 amps of smooth DC welding output
- 9,000 watts of continuous AC generator power
- 12 gallon (45 L) tank for extended run times



Processes
- Stick
- TIG
- MIG
- Flux-Cored

Output

Input

Literature
E6.89

Product Name	Product Number	Rated Output: Current/ Voltage/Duty Cycle	Output Range	Engine	# of Cyl.	HP & Speed (rpm)	H x W x D in (mm)	Net Wt lb (kg)
Ranger® 225	K2857-1	225A DC CC/25V/40% 210A DC CC/25V/100% 200A DC CV/20V/100%	50-225A DC 15-25V CV 10,500 W Peak 9,000 W Continuous	Kohler® OHV Command® CH730	2	23 @ 3600	29.9 x 21.5 x 42.3 (759 x 546 x 1074) To top of exhaust tube: 36.2 (920)	514 (233)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Ranger® 260MPX™ (Kohler®)

Do More With Less

- Compact size for easy jobsite maneuverability
- 260 Amps of excellent DC welding
- Easy to use digital user interface equipped with Ready.Set.Weld® for a fast set-up
- Low decibel rating for operator comfort and safety
- 9,500 watts of clean continuous AC generator power for at home or on the job



Processes
- Stick
- TIG
- MIG
- Flux-Cored

Output

Input

Literature
E6.105

Product Name	Product Number	Rated Output: Current/ Voltage/Duty Cycle	Output Range	Engine	# of Cylinders	HP & Speed (rpm)	H x W x D in (mm)	Net Wt lb (kg)
Ranger® 260MPX™ Base Model	K3458-1	260A DC CC/26V/100% 260A DC CV/26V/100%	20-260 DC 14-40V CV 20-255 DC Touch Start TIG® 10,000 W Peak 9,500 W Continuous	Kohler® OHV Command CH730	2	23.5 @ 3600	26 x 20 x 36 (660 x 508 x 914)	446 (202)
One-Pak®	K5719-1							543 (246)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Ranger® Air 260MPX™

Versatility with Unparalleled Performance

- Five key functionalities in one unit: Air Compressor, Generator, Battery Jump Assist, Battery Charge and Multi-Process Welder
- Delivers instant 40CFM @150 PSI, generating up to 30% more air power compared to other machines in its class
- 9KW of clean continuous AC generator power accommodates a variety of tools and equipment
- Capability to jump and charge 12V and 24V batteries on the jobsite. Get equipment started and keep productivity high with 260A of cold-cranking assist



Processes
- Stick
- MIG
- TIG
- Flux-Cored

Output

Input

Literature
E6.600

Product Name	Product Number	Rated Output: Current/ Voltage/Duty Cycle	Output Range	Power	# of Cyl.	Engine	HP & Speed (rpm)	H x W x D in (mm)	Net Wt lb (kg)
Ranger® Air 260MPX™	K5238-1	Battery Jump Assist: 260A Battery Charge: 25A or 50A CC-Stick: 231A/29.2V/100% Touch Start TIG®: 255A/20.2V/100% CV-Wire: 253A/26.7V/100%	Battery Jump/ Charge: 12V/24V CC-Stick: 35A - 260A Touch Start TIG®: 25 - 260A CV-Wire: 16-27 V	11,500 Watts Peak 9,000 Watts Continuous	2	Kohler® Electronic Throttle Body ECH749	26.5 HP @ 3600 RPM	Machine Only: 26 x 20 x 48 (660 x 508 x 1219) To Top of Exhaust: 29 (737)	565 (256)
One-Pak®	K5720-1							26 x 20 x 36 (660 x 508 x 914)	543 (246)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Ranger® 330MPX™

Smaller. Smarter. Quieter. More Powerful.

- 330 Amps of DC welding output to tackle any job
- Compact size for easy jobsite maneuverability
- Easy-to-Use digital user interface with advanced welding technology
- Low decibel rating for operator comfort and safety
- 10,000 watts of clean continuous AC generator power
- Features CrossLinc® Technology to help improve jobsite safety, quality and productivity



Processes
- Stick
- TIG
- MIG
- Flux-Cored
- Gouging

Output

Input

Literature
E6.110

Product Name	Product Number	Rated Output: Current/ Voltage/Duty Cycle	Output Range	Engine	# of Cyl.	HP & Speed (rpm)	H x W x D in (mm)	Net Wt lb (kg)
Ranger® 330MPX™ Base Model	K3459-1	330A DC CC/28V/100% 312A DC CV/29V/100%	CC-Stick 35-330A Downhill Pipe (CC) 25-330A Touch Start TIG 25-330A CV-Wire 14-40V Arc Gouging 90-330A 11,500 W Peak 10,000 W Continuous	Kohler® OHV CH740 Electric Fuel Pump	2	25 @ 3600	26 x 20 x 36 (660 x 508 x 914)	446 (202)
EFI Model	K4779-1			Kohler® OHV Command® ECH740 Gasoline			6 x 20 x 36 (660 x 508 x 914)	543 (246)
One-Pak®	K5720-1							

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Ranger® Air 330MPX™

Versatility with Unparalleled Performance

- Five key functionalities in one unit: Air Compressor, Generator, Battery Jump Assist, Battery Charge and Multi-Process Welder
- Delivers instant 40CFM @ 150 PSI, generating up to 30% more air power compared to other machines in its class
- 10KW of clean continuous AC generator power accommodates a variety of tools and equipment
- Capability to jump and charge 12V and 24V batteries on the jobsite. Get equipment started and keep productivity high with 330A for cold cranking assist



Processes
- Stick
- TIG
- MIG
- Flux-Cored
- Gouging

Output

CC CV | DC | 11.5P kW

Input

G

Literature
E6.600.1

Product Name	Product Number	Rated Output: Current/ Voltage/Duty Cycle	Output Range	Engine	# of Cyl.	HP & Speed (rpm)	H x W x D in (mm)	Net Wt lb (kg)
Ranger® Air 330MPX™ Base Model	K5239-1	Battery Jump Assist: 330A Battery Charge: 25A or 50A IEC Rating: CC-Stick: 292A/31.7V/100% Touch-Start TIG®: 325A/23.0V/100% CV-Wire: 312A/29.6V/100% NON-IEC Rating: 330A/28V/100%	Battery Jump/Charge: 12V/24V CC-Stick: 35A - 330A Touch Start TIG®: 25A - 330A CV-Wire: 35A - 330A	Kohler OHV Command ECH749	2	26.5 HP @ 3600 RPM 45 cu in (725 cc)	Machine Only: 26 x 20 x 48 (660 x 508 x 914) To Top of Exhaust: 29 (737)	565 (256)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Ranger® 305 LPG

For Specialized Environments

- Choose the Ranger® 305 LPG for those environments where gasoline and diesel emissions are not acceptable
- Excellent DC multi-process welding up to 305 amps
- Digital weld meters monitor actual welding output
- 9000 watts of continuous AC generator power



Processes
- Stick
- TIG
- MIG
- Flux-Cored
- Gouging

Output

CC CV | DC | 10P kW

Input

LPG

Literature
E6.119

Product Name	Product Number	Rated Output: Current/ Voltage/Duty Cycle	Output Range	Engine	# of Cyl.	HP & Speed (rpm)	H x W x D in (mm)	Net Wt lb (kg)
Ranger® 305 LPG Base Model	K2937-1	300A DC CC/25V/100% 300A DC CV/25V/100%	CC-Stick 30-305A Downhill Pipe (CC) 40-300A Touch Start TIG: 2 -250A CV-Wire: 14-29 V Arc Gouging 90-300A 10,000 W Peak 9,000 W Continuous	Kohler® OHV Command® CH730 LP	2	25 @ 3600	29.9 x 21.5 x 42.3 (759 x 546 x 1074) To top of exhaust tube: 36.2 (920)	480 (218)
One-Pak®	K3430-2						48.1 x 31.8 x 65.2 (1222 x 808 x 1656)	627 (284)
Ready-Pak®	K5168-1							604 (274)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled



Shown:
Ranger® 305 LPG
One-Pak®

Ranger® Air 260MPX™

Multi-Function Engine Drive (K5238-1)

- Ranger® Air 260MPX™ Engine Drive Welder
- Basic Wireless Remote for Engine Stop/Start Functionality

One-Pak® (K5719-1)

- Ranger® 260MPX™ Engine Driven Welder (Kohler®) (K3458-1)
- All Terrain Undercarriage with Flat-Free Tires (K3590-2)

Ranger® 260MPX™

One-Pak® (K5719-1)

- Ranger® 260MPX™ Engine Driven Welder
- All-Terrain Undercarriage and Flat-Free Tires

Ranger® 305 LPG

One-Pak® (K3430-2)

- Ranger®305 LPG Engine Drive Welder (Kohler®) (K2937-1)
- Factory Undercarriage (Pneumatic) (K1770-2)
- LPG Tank Holder (K1745-2)

Ready-Pak® (K5168-1)

- Ranger® 305 LPG Engine Driven Welder (Kohler®) (K2937-1)
- Factory Undercarriage (Pneumatic) (K1770-2)
- LPG Tank Holder (K1745-2)

Ranger® 330MPX™

One-Pak® (K5720-1)

- Ranger® 330MPX™ Engine Driven Welder (Kohler®) (K4779-1)
- All Terrain Undercarriage with Flat-Free Tires (K3590-2)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Accessories

Product Name	Product No.	Bulldog® 5500 Base Model K2708-2	Outback® 145 Base Model K2707-2	Outback® 185 Base Model K2706-2	Ranger® 225 Base Model K2857-1	Ranger® 260MPX® Base Model K3458-1	Ranger® Air 260MPX™ Base Model K5238-1	Ranger® 330MPX™ Base Model K3459-1	Ranger® 305 LPG Base Model K2937-1	Ranger® Air 330MPX™ Base Model K5239-1
GENERAL										
Wireless Foot Pedal for TIG Welding	K4986-1					●	●	●		●
Gas Cylinder Holder	K3592-1					●		●		
All-Terrain Undercarriage	K1737-4				●					
All-Terrain Undercarriage with Flat-Free Tires (Replacement Tires KP4925-1 & KP4926-1)	K1737-3				●					
All Terrain Undercarriage	K3590-1					●		●		
All-Terrain Undercarriage with Flat-Free Tires (Replacement Tires KP4927-1)	K3590-2					●		●		
Factory Undercarriage	K1770-2				●				●	
Factory Undercarriage with Flat-Free Tires (Replacement Tire KP4926-1)	K1770-3				●				●	
Factory Undercarriage	K3589-1					●		●		
Factory Undercarriage with Flat-Free Tires (Replacement Tires KP4927-1)	K3589-4					●		●		
Lift Bail Kit	K2819-1	●	●	●						
Canvas Cover	K2804-1	●	●	●						
Canvas Cover	K886-2				●				●	
Ballistic Nylon Cover	K5492-1						●			●
Ballistic Nylon Cover	K3588-1					●		●		
Power Plug Kit, 20 Amp	K802N				●	●		●	●	
Advanced Wireless Controller	K5265-3						●			●
Battery Jump Cables	K5495-1						●			●
Air Compressor Service Kit for 50 Hours	K5494-2						●			●
Air Compressor Service Kit for 500 Hours	K5494-1						●			●
Full-KVA Power Plug (1-phase)	T12153-9				●				●	
GFCI Receptacle Kit, 120V, 20 Amp (2 required)	K1690-1	●	●	●	●					
Remote Control Kit, for 125 ft.	K4330-1						●			●
Remote Control Kit, for 125 ft. w/115VAC Receptacle	K4268-1						●			●
Spark Arrestor Kit	K1898-1				●					
Spark Arrestor Kit	K2793-1			●						
Spark Arrestor Kit	K3679-1					●		●		
Welding Gas Cylinder	K1745-1				●				●	
LLPG Tank Holder	K1745-2								●	
Small 2-Wheel Road Trailer & Duo-Hitch® Ball/Eye Hitch	K2635-1				●	●		●		
Fender and Light Kit	K2639-1				●	●		●		
Cable Rack	K2640-1				●	●		●		
Polarity/Multi-Process Switch	K2642-1								●	
Docking Kit	K2663-1								●	
Kohler® Tune-Up Kit	K3494-1				●	●		●		
Kohler® tune-Up Kit	K5546-1						●			●
Strain Relief Kit	K5322-1						●			●
Rotatable Exhaust Kit	K4895-1						●			●
STICK										
Accessory Kit, 400 Amp	K704				●			●	●	
Accessory Kit, 150 Amp	K875	●	●	●	●	●			●	
Remote Output Control, 25 ft (7.6 m)	K857								●	
Remote Output Control, 100 ft (30.5 m)	K857-1							●	●	
Remote Output Control with 120V AC, 100 ft (30.5 m), 20 amp capacity	K2627-2								●	
CrossLinc® Remote	K4345-1					●		●		

● Optional

Accessories

Product Name	Product No.	Bulldog® 5500 Base Model K2708-2	Outback® 145 Base Model K2707-2	Outback® 185 Base Model K2706-2	Ranger® 225 Base Model K2857-1	Ranger® 260MPX™ Base Model K3458-1	Ranger® Air 260MPX™ Base Model K5238-1	Ranger® 330MPX™ Base Model K3459-1	Ranger® 305 LPG Base Model K2937-1	Ranger® Air 330MPX™ Base Model K5239-1
TIG										
Hand Amptrol™ (Rotary Track Style)	K963-3					•	•	•	•	•
Foot Amptrol™	K870					•	•	•	•	•
Wireless Foot Amptrol™	K4986-1					•		•		
WIRE FEEDER										
POWER MIG® 140MP	K4498-1	•	•	•		•	•	•		•
POWER MIG® 220 AC/DC MP	K5397-1					•	•	•		•
LN-25X®	K4267-3				•	•	•	•	•	•
Activ8X™	K3519-1				•	•	•	•	•	•
SPOOL GUN										
Magnum® PRO 250LX™ GT	K3569-2					•	•	•		•
2-YEAR EXTENDED WARRANTY AVAILABLE	—	•	•	•	•	•	•	•	•	•

For more information on our Extended Warranty program, visit www.lincolnelectric.com/warranty

• Optional

NOTES



ENGINE DRIVES: INDUSTRIAL

MODEL	OUTPUT				PROCESS								FEATURES								
	Mode	Polarity	Current Range (Amps)	AC Generator Power (watts)	Stick	Pipe	DC TIG Scratch Start	Touch Start TIG®	AC TIG	MIG	Flux-Cored	Arc Gouge in (mm)	Auto Start/Stop	Chopper Technology®	CrossLinc®	Stainless Steel Case	Digital Interface	Weld Meters	Voltage Reduction Device™ (VRD™)	Air Compressor	Dual Operator
Vantage® 322	CC/CV	DC	30-400 DC	3-Phase: 11,000 1-Phase: 10,000	●	●	●	●	○	●	●	● 1/4 (6.3)		•		•		•	•		
Frontier® 400X	CC/CV	DC	5-400 DC	3-Phase: 11,000 1-Phase: 10,000	●		●	●	○	●	●	● 1/4 (6.3)	•	•	•	•	•	•	•		
Frontier® 400X Pipe	CC/CV	DC	5-400 DC	3-Phase: 11,000 1-Phase: 10,000	●	●	●	●	○	●	●	● 1/4 (6.3)	•	•	•	•	•	•	•		
Frontier® 500X	CC/CV	DC	5-525 DC	3 Phase: 20,000 1-Phase: 12,000	●	●	●	●	○	●	●	● 5/16 (8.0)	•	•	•	•	•	•	•		
Air Vantage® 566X	CC/CV	DC	30-600 DC	3-Phase: 20,000 1-Phase: 12,000	●	●	●	●	○	●	●	● 3/8 (9.5)		•	•	•		•	•	•	
Maverick® 260X	CC/CV	DC	25-300 DC	3-Phase: 11,000 1-Phase: 10,000	●	●	●	●		●	●	● 3/16 (4.8)	•	•	•		•	•	•		
Maverick® 325X	CC/CV	DC	25-400 DC	1 Phase: 10,000	●	●	●	●		●	●	● 1/4 (6.3)	•	•	•		•	•	•		
Dual Maverick® 200/200X	CC/CV	DC	Single: 50-450 DC Stick Dual: 30-225 DC Stick	1-Phase: 10,000 11.5kW Peak (11,500 P)	●	●	●	●		●	●	● 1/4 (6.3)	•	•	•		•	•			•

KEY: ● Excellent ◒ Good ○ Optional

Vantage® 322

Compact. Multi-Process. Excellent Value.

- Ideal choice for construction teams, pipe rig owners and rental fleet owners
- Quiet, compact with stainless steel panels for added durability
- Select one of five process modes
- Plenty of AC generator power to run job site tools
- Industry-proven Kubota® diesel engine



Processes
- Stick
- TIG
- MIG
- Flux-Cored
- Gouging

Output

CC CV | DC | 12.5 kW

Input

Literature
E6.209

Product Name	Product Number	Rated Output: Current/ Voltage/Duty Cycle	Output Range	Engine	Auxiliary Power	HP & Speed (rpm)	H x W x D in (mm)	Net Wt lb (kg)
Vantage® 322 Base Model	K2409-5	IEC Rating: 300A/32V/100% Max Rating: 400A/23V/100%	30-400A CC/CV 40-300A Pipe 20-250A TIG 90-300A Gouge	Kubota® V1505 4 Cylinder Diesel EPA Tier 4 Final Compliant	1-Phase 11.5 kW Peak 10 kW Continuous 120/240V AC, 60Hz 3-Phase 12.5 kW Peak 11 kW Continuous 240V, 60Hz	22 @ 1800	35.9 x 25.3 x 60 (913 x 643 x 1524) To Top of Exhaust Tube: 44.3 (1124)	1006 (456)
Ready-Pak® 1*	K2409-5-RP1							1517 (688)
Ready-Pak® 2*	K2409-5-RP2							1367 (620)
Ready-Pak® 3*	K2409-5-RP3							1417 (643)

* For more information on each Ready-Pak®, please view the What's Included portion of this section

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Frontier® 400X

The New Frontier of Performance

- Bright, durable 7 in. digital user interface for unmatched machine control – including save and recall memories, maintenance reminders, and PIN authorization
- Up to 400 amps of weld output and 11 kW of auxiliary power in a compact and quiet package
- Features basic CC and CV modes, plus specialized modes to support mechanized and pulse welding
- Features CrossLinc® Technology to help improve jobsite safety, quality and productivity
- Auto-Stop/Start Technology – Save on fuel and avoid excessive idling and engine wear



Processes
- Stick
- TIG
- MIG
- Flux-Cored
- Gouging

Output

Input

Literature
E6.59

Product Name	Product Number	Rated Output: Current/ Voltage/Duty Cycle	Output Range	Engine	AC Generator Auxiliary Power	HP & Speed (rpm)	H x W x D in (mm)	Net Wt lb (kg)
Frontier® 400X Base Model	K3484-4	IEC Rating: 325A/33V/100% Max Rating: 400A/26V/60%	Stick / Pipe: 30 – 400 Amps DC TIG: 5 – 400 Amps MIG / FCAW: 10 – 45 Volts Arc Gouging: 60 – 400 Amps	Kubota® D1503-M 3 Cylinder 24.8 hp (18.5 kW) Naturally Aspirated Water Cooled Diesel Engine Tier 4 Final Compliant	Single Phase: 10 kW Continuous, 11.5 kW Peak, 120V/240V @ 60 Hz Three Phase: 11 kW Continuous, 12.5 kW Peak, 240V @ 60 Hz	24.7 @ 1800	Machine Only: 35.9 x 25.3 x 60 (912 x 643 x 1524) To Top of Exhaust Tube: 43.8 (1113)	1035 (469)
Ready-Pak® 1*	K3484-4-RP1							1186 (538)
Ready-Pak® 3*	K3484-4-RP3							1567.5 (711)

* For more information on each Ready-Pak®, please view the What's Included portion of this section

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Frontier® 400X Pipe

The Do-it-All Pipeline Machine

- Bright, durable 7 in. digital user interface for unmatched machine control – including save and recall memories, maintenance reminders, and PIN authorization
- Up to 400 amps of welding output and 11 kW of auxiliary power in a compact and quiet package
- Features basic CC and CV modes, plus specialized modes to support mechanized and pulse welding, and dedicated Pipe mode to produce the iconic, smooth DC-style arc for downhill pipe welding
- Features CrossLinc® Technology to help improve jobsite safety, quality and productivity
- Auto-Stop/Start Technology – Save on fuel and avoid excessive idling and engine wear



Processes
- Stick
- TIG
- MIG
- Flux-Cored
- Gouging

Output

Input

Literature
E6.59.1

Product Name	Product Number	Rated Output: Current/ Voltage/Duty Cycle	Output Range	Engine	AC Generator Auxiliary Power	HP & Speed (rpm)	H x W x D in (mm)	Net Wt lb (kg)
Frontier® 400X Pipe	K3485-4	IEC Rating – 325A / 33V / 100% Max Rating – 400A / 26V / 60%	Stick / Pipe: 30 – 400 Amps DC TIG: 5 – 400 Amps MIG / FCAW: 10 – 45 Volts Arc Gouging: 60 – 400 Amps	Kubota® D1503-M 3 Cylinder 24.8 hp (18.5 kW) Naturally Aspirated Water Cooled Diesel Engine Tier 4 Final Compliant	Single Phase: 10 kW Continuous, 11.5 kW Peak, 120V/240V @ 60 Hz Three Phase: 11 kW Continuous, 12.5 kW Peak, 240V @ 60 Hz	24.7 @ 1800	35.9 x 25.3 x 60 (912 x 643 x 1524) To Top of Exhaust Tube: 43.8 (1113)	1035 (469)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Frontier® 500X

The New Frontier of Performance

- Bright, durable 7 in. digital user interface for unmatched machine control - including save and recall memories, maintenance reminders, and PIN authorization
- Versatile – Up to 525 amps of weld output and 20 kW of auxiliary power to provide plenty of output in a compact and quiet package
- CrossLinc® allows you to change weld parameters at the arc without an additional control cable
- Auto-Stop/Start Technology saves fuel and avoids excessive idling and engine wear



Processes
- Stick
- TIG
- MIG
- Flux-Cored
- Gouging
- Sub-Arc

Output

Input

Literature
E6.620

Product Name	Product Number	Rated Output: Current/ Voltage/Duty Cycle	Output Range	Engine	AC Generator Auxiliary Power[2]	Auxiliary Receptacles[3]	H x W x D in (mm)	Net Wt lb (kg)
Frontier® 500X (Kubota®)	K5350-2	IEC Rating – 500A/40V/100%	Stick: 30 – 525 Amps Pipe: 30 – 400 Amps DC TIG: 5 – 410 Amps MIG / FCAW: 10 – 45 Volts Arc Gouging: 60 – 525 Amps	Kubota® V2403-CR-TE4-BG[1] Tier 4 Final Compliant 4 Cylinder 48.9 hp (36.5kW) Turbocharged Water Cooled Diesel Engine	Single Phase: 12 kW Continuous, 15 kW Peak, 120V/240V @ 60 Hz Three Phase: 20 kW Continuous, 21 kW Peak, 240V @ 60 Hz	NEMA 5-20R (120V / 20A / 1~) NEMA 14-50R (120/240V / 50A / 1~) NEMA 15-50R (240V / 50A / 3~)	40.4 x 28.4[4] x 65.0 (1027 x 721 x 1651) To Top of Exhaust Pipe: 48.9 (1242)	1462 (663)
Ready-Pak®1	K5350-2-RP1							
Ready-Pak®2	K5350-2-RP2							
Ready-Pak®3	K5350-2-RP3							

(1) Engine warranted separately by engine manufacturer

(2) When welding, available auxiliary power will be reduced. Output voltage is within +/- 10% at all loads up to rated capacity

(3) Circuits cannot be wired in parallel to operate the same device

(4) Includes width of door. Base width is 27.0 in. (687 mm)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Air Vantage® 566X

On-Demand Versatility

- Powerful, multi-function machine includes a welder, generator, and air compressor
- Belt-driven compressor with separate gauges to monitor hours and air pressure
- Multi-process welding with advanced welding capabilities
- Turbocharged engine provides excellent cold weather and high altitude performance
- Features CrossLinc® Technology to help improve jobsite safety, quality and productivity



Processes
- Stick
- TIG
- MIG
- Pulsed MIG
- Flux-Cored
- Gouging

Output

Input

Literature
E6.510

Product Name	Product Number	Rated Output: Current/ Voltage/Duty Cycle	Output Range	Engine	AC Generator Auxiliary Power	HP & Speed (rpm)	H x W x D in (mm)	Net Wt lb (kg)
Air Vantage® 566X Base Model	K3242-3	IEC Rating: 525A/41V/100% Max Rating: 600A/40V/60%	CC-Stick: 30 – 600 Amps Downhill Pipe (CC): 40 – 350 Amps Touch Start® TIG: 20 - 350 Amps CV–Wire: 10 – 45 Volts Arc Gouging: 60 – 600 Amps	Deutz® TD2.9L4 Turbo-charged 4 Cylinder Diesel EPA Tier 4 Final Compliant	Single Phase: 12 kW Continuous, 120V/240V @ 60 Hz Three Phase: 20 kW Continuous, 240V @ 60 Hz	65.7 @ 1800	42 x 32.9 x 69 (1067 x 836 x 1753) To Top of Air Intake:: 58.1 (1476)	1737 (788)
Ready-Pak® 1*	K3242-3-RP1							2159 (979)
Ready-Pak® 3*	K3242-3-RP3							2109 (957)

* For more information on each Ready-Pak®, please view the What's Included portion of this section

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Maverick® 260X

Small on Size, Big on Performance

- Plenty of power with 300 amps of welding output and 9.0 kW of clean, single-phase auxiliary power
- Specialized stick modes, wire welding capability, and direct-connect spool gun for pulsed aluminum
- Durable, 4.6 in. digital display for full machine control - including process setup, maintenance reminders, and PIN authorization
- CrossLinc® enabled so you can change welder parameters at the arc without an additional control cable - helping to increase productivity, promote safety, and improve weld quality
- Auto-Stop/Start Technology – Save on fuel and avoid excess idling and engine wear



Processes
- Stick
- TIG
- MIG
- Flux-Cored
- Gouging

Output

CC CV | DC | 9 kW

Input

D ULS

Literature
E6.224

Product Name	Product Number	Rated Output: Current/ Voltage/Duty Cycle	Output Range	Engine	AC Generator Auxiliary Power	HP & Speed (rpm)	H x W x D in (mm)	Net Wt lb (kg)
Maverick® 260X	K5272-1	IEC Rating - 260A / 30.4V / 100%, Max Rating: 300A/26.3V/100%	Stick / Pipe: 30-300 Amps DC TIG: 25 - 300 Amps MIG / FCAW: 13 - 40 Volts Arc Gouging: 100 - 300 Amps	Kubota® Z602 2-Cylinder 16.8 hp (12.36 kW) Naturally Aspirated Water Cooled Diesel Engine. Tier 4 Final Compliant	Single Phase: 9.0 kW Continuous, 120V/240V @ 60 Hz	Peak 80 OCV @ 3600 RPM	39.25 x 21.25 x 42.34 (997 x 539.8 x 1075.4) To Top of Exhaust Pipe: 48.05 (1221)	620 (281)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Dual Maverick™ 200/200X

Harness the Power of Two

- Two welders powered by one diesel engine to save space and reduce maintenance
- Features CrossLinc® Technology to help improve jobsite safety, quality and productivity
- Variable speed RPM and Auto Stop/Start features lower fuel consumption
- Quiet machine - Only 69 dBa with two operators running 1/8 in. Excalibur® 7018 MR® electrodes



Processes
- Stick
- TIG
- MIG
- Flux-Cored
- Gouging

Output

Input

Literature
E6.52.1

Product Name	Product Number	Rated Output @104°F (40°C)	Output Range	Engine	AC Generator Auxiliary Power	HP & Speed (rpm)	H x W x L in (mm)	Net Wt lb (kg)
Dual Maverick™ 200/200X	K4382-2	Single Mode Max Rating: 450A/24.5V/60%[5] IEC Rating: 335A/33.4V/60%[5] 290A/31.6V/100%	Single Mode CC-Stick: 50-450 Amps Downhill Pipe (CC): 50-450 Amps Touch Start® TIG: 20-255 Amps CV-Wire: 13-40 Volts Arc Gouging: 100-450 Amps	Kubota® D902 3 Cylinder Water Cooled Diesel Tier 4 Final Compliant	Single Phase: 10kW @ 60 Hz	24.8 @ 3600	Machine Only: 36.1 x 27.0 x 65.0 (917 x 686 x 1651) To Top of Exhaust Pipe: 44.4 (1128)	1160 (526)
Ready-Pak® 1*	K4382-2-RP1	Dual Mode Max Rating: 225A/24.5V/60%[5] IEC Rating: 200A/28V/60%[5] 170A/26.8V/100%	Dual Mode CC-Stick: 30-225 Amps Downhill Pipe (CC): 30-225 Amps Touch Start® TIG: 20-250 Amps CV-Wire: 13-40 Volts Arc Gouging: 100-250 Amps					1522 (690)
Ready-Pak® 3*	K4382-2-RP3							

(5) Rated for 60% when above 91° F (33° C). When below, the machine can be run at 100% duty cycle.

* For more information on each Ready-Pak®, please view the What's Included portion of this section

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Maverick® 325X

Diesel Engine Driven Welder/Generator

- A multi-process workhorse with specialized stick modes, wire welding capability, and direct-connect spool gun for pulsed aluminum
- Durable, 4.6 in. digital display for full machine control including process setup, maintenance reminders, and PIN authorization
- CrossLinc® enabled allowing welders to change parameters at the arc without an additional control cable - helping to increase productivity, promote safety, and improve weld quality
- Variable engine RPM automatically adjusts engine speed to reduce fuel consumption and engine noise



Processes
- Stick
- TIG
- MIG
- Flux-Cored
- Gouging

Output

CC CV | DC | 10 kW

Input

D ULS

Literature
E6.211.2

Product Name	Product Number	Rated Output: Current/ Voltage/Duty Cycle	Output Range	Engine	AC Generator Auxiliary Power	HP & Speed (rpm) @ 24.8 HP	H x W x D in (mm)	Net Wt lb (kg)
Maverick® 325X	K3581-1	IEC Rating - 325A/33V/100% 335A/33.4V/60% Max Rating - 400A/28V/60%	Stick / Pipe: 35 - 400 Amps DC TIG: 25 - 250 Amps MIG / FCAW: 13 - 40 Volts Arc Gouging: 60 - 400 Amps	Kubota® D902 3 Cylinder 24.8 hp (18.5 kW), Naturally Aspirated Water Cooled Diesel Engine Tier 4 Final Compliant	Single Phase: 10 kW Continuous, 11.5 kW Peak, 120V/240V @ 60 Hz	High Idle: 3600 Low Idle: 2500 Under Load: Variable	34.25 x 21.25 x 54.29 (870 x 540 x 1379) To Top of Exhaust Pipe: 34.2 (870)	750 (340)
Ready-Pak® 1*	K3581-1-RP1							1241 (563)
Ready-Pak® 3*	K3581-1-RP3							1178 (534)

* For more information on each Ready-Pak®, please view the What's Included portion of this section

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

CoreLinc™ Wireless Remote Control

Less Walking. More Welding.

- A tough, battery-powered remote that gives workers the ability to control their machine from a distance
- Designed to work with Lincoln Electric's Flextec®, Frontier®, and Vantage® welding power sources
- A simple interface, strong wireless signal, and long battery life help boost productivity and safety on the job; Powered by three AA batteries (included)
- Adjust welding settings from up to 350 feet away
- Built for outdoor use with a rugged design that's easy to carry
- Automatic channel selection to adapt to a high density of machines. Works with machines that use a 12-pin Amphenol connector



Literature
E6.550

Product Name	Product Number	H x W x D in (mm)	Net Wt lb (kg)
CoreLinc™ Wireless Remote and Transmitter	K5728-1	5.7 x 3.35 x 1.6 (145 x 85 x 41)	0.85 (0.39)

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

Vantage® 322

Ready-Pak® 1 (K2409-5-RP1)

- Vantage® 322 (Kubota®) (K2409-5)
- Weld Cable - Tweco® Male and Open End (2/0, 350A, 60%) - 10 ft. (3 m) (K2483-2)
- EH-305HD Electrode Holder - 300A, 60% Duty Cycle (K909-7)
- Cable Rack for Welder Trailers (K2640-1)
- Fender and Light Kit for Welder Trailers (K2639-1)
- Medium Two-Wheel Welder Trailer (K2636-1)
- Weld Cable - Tweco® Male and Female (2/0, 350A, 60%) - 50 ft. (15.3 m) (K2485-2)
- Insulated CT40FS Female Connector (K2487-1)
- Weld Cable - Tweco® Male and 0.53 Lug (2/0, 350A, 60%) - 50 ft. (15.3 m) (K2484-2)
- GC-300 Work Clamp - 300A, 60% Duty Cycle (K910-1)

Ready-Pak® 2 (K2409-5-RP2)

- Vantage® 322 (K2409-5)
- Medium Two-Wheel Road Trailer & Duo-Hitch® Ball/Lunette Eye Hitch (K2636-1)

Ready-Pak® 3 (K2409-5-RP3)

- Vantage® 322 (Kubota®) (K2409-5)
- Cable Rack for Welder Trailers (K2640-1)
- Fender and Light Kit for Welder Trailers (K2639-1)
- Medium Two-Wheel Welder Trailer (K2636-1)

Frontier® 400X

Ready-Pak® 1 - Kubota® (K3484-4-RP1)

- Frontier® 400X
- Weld Cable - Tweco® Male and Open End (2/0, 350A, 60%) - 10 ft. (3 m) (K2483-2)
- EH-305HD Electrode Holder - 300A, 60% Duty Cycle (K909-7)
- Cable Rack for Welder Trailers (K2640-1)
- Fender and Light Kit for Welder Trailers (K2639-1)
- Medium Two-Wheel Welder Trailer (K2636-1)
- Weld Cable - Tweco® Male and Female (2/0, 350A, 60%) - 50 ft. (15.3 m) (K2485-2)
- Insulated CT40FS Female Connector (K2487-1)
- Weld Cable - Tweco® Male and 0.53 Lug (2/0, 350A, 60%) - 50 ft. (15.3 m) (K2484-2)
- GC-300 Work Clamp - 300A, 60% Duty Cycle (K910-1)

Ready-Pak® 3 - Kubota® (K3484-4-RP3)

- Frontier® 400X
- Cable Rack for Welder Trailers (K2640-1)
- Fender and Light Kit for Welder Trailers (K2639-1)
- Medium Two-Wheel Welder Trailer (K2636-1)

Frontier® 500X

Ready-Pak® 1 (K5350-2-RP1)

- Frontier® 500X (Kubota®) (K5350-2)
- Weld Cable - Tweco® Male & Female (3/0, 600A, 60%) - 50 ft. (15.3 m) (K2485-3)
- Weld Cable - Tweco® Male & 0.53 Lug (3/0, 600A, 60%) - 50 ft. (15.3 m) (K2484-3)
- Weld Cable - Tweco® Male & Open End (3/0, 600A, 60%)- 10 ft. (3 m) (K2483-3)
- GC-500 Work Clamp - 500A, 60% Duty Cycle (K910-2)
- EH-405HD Electrode Holder - 400A, 60% Duty Cycle (K909-8)
- Insulated CT40FS Female Connector (K2487-1)
- Fender and Light Kit for Welder Trailers (K2639-1)
- Medium Two-Wheel Welder Trailer (K2636-1)

Ready-Pak® 2 (K5350-2-RP2)

- Frontier® 500X (Kubota®) (K5350-2)
- Weld Cable - Tweco® Male & Female (3/0, 600A, 60%) - 50 ft. (15.3 m) (K2485-3)
- Weld Cable - Tweco® Male & 0.53 Lug (3/0, 600A, 60%) - 50 ft. (15.3 m) (K2484-3)
- Weld Cable - Tweco® Male & Open End (3/0, 600A, 60%)- 10 ft. (3 m) (K2483-3)
- GC-500 Work Clamp - 500A, 60% Duty Cycle (K910-2)
- EH-405HD Electrode Holder - 400A, 60% Duty Cycle (K909-8)
- Insulated CT40FS Female Connector (K2487-1)
- Fender and Light Kit for Welder Trailers (K2639-1)
- Medium Two-Wheel Welder Trailer (K2636-1)

Ready-Pak® 3 (K3530-2-RP3)

- Frontier® 500X (Kubota®) (K5350-2)
- Fender and Light Kit for Welder Trailers (K2639-1)
- Medium Two-Wheel Welder Trailer (K2636-1)

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What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

Air Vantage® 566X

Ready-Pak® 1 (K3242-3-RP1)

- Air Vantage® 566X (Deutz®) (K3242-3)
- EH-405HD Electrode Holder - 400A, 60% Duty Cycle (K909-8)
- Cable Rack for Welder Trailers (K2640-1)
- Fender and Light Kit for Welder Trailers (K2639-1)
- Large Two-Wheel Welder Trailer (K2637-2)
- Weld Cable - Tweco® Male and Female (3/0, 600A, 60%) - 50 ft. (15.3 m) (K2485-3)
- Weld Cable - Tweco® Male and Open End (3/0, 600A, 60%)- 10 ft. (3 m) (K2483-3)
- Insulated CT40FS Female Connector (K2487-1)
- Weld Cable - Tweco® Male and 0.53 Lug (3/0, 600A, 60%) - 50 ft. (15.3 m) (K2484-3)
- GC-500 Work Clamp - 500A, 60% Duty Cycle (K910-2)

Ready-Pak® 3 (K3242-3-RP3)

- Air Vantage® 566X (K3242-3)
- Large Two-Wheel Road Trailer & Duo-Hitch® Ball/Lunette Eye Hitch (K2637-2)
- Fender and Light Kit (K2639-1)
- Cable Rack (K2640-1)

Dual Maverick® 200/200X

Ready-Pak® 3 (K4382-2-RP3)

- Dual Maverick® 200/200X (Kubota®) (K4382-2)
- Cable Rack for Welder Trailers (K2640-1)
- Fender and Light Kit for Welder Trailers (K2639-1)
- Medium Two-Wheel Welder Trailer (K2636-1)

Maverick® 325X

Ready-Pak® 1 (K3581-1-RP1)

- Weld Cable - Tweco® Male and Open End (2/0, 350A, 60%) - 10 ft. (3 m) (K2483-2)
- EH-305HD Electrode Holder - 300A, 60% Duty Cycle (K909-7)
- Maverick® 325X (Kubota®) (K3581-1)
- Small Two-Wheel Welder Trailer (K2635-1)
- Cable Rack for Welder Trailers (K2640-1)
- Fender and Light Kit for Welder Trailers (K2639-1)
- Weld Cable - Tweco® Male and Female (2/0, 350A, 60%) - 50 ft. (15.3 m) (K2485-2)
- Insulated CT40FS Female Connector (K2487-1)
- Weld Cable - Tweco® Male and 0.53 Lug (2/0, 350A, 60%) - 50 ft. (15.3 m) (K2484-2)
- GC-300 Work Clamp - 300A, 60% Duty Cycle (K910-1)

Ready-Pak® 3 (K3581-1-RP3)

- Maverick® 325X (Kubota®) (K3581-1)
- Small Two-Wheel Welder Trailer (K2635-1)
- Cable Rack for Welder Trailers (K2640-1)
- Fender and Light Kit for Welder Trailers (K2639-1)

CoreLinc™ Wireless Remote Control Kit (K5728-1)

- CoreLinc™ Wireless Remote Control Replacement Transmitter (K5783-1)
- CoreLinc™ Wireless Remote Control Replacement Receiver (K5784-1)

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Accessories

Product Name	Product No.	Maverick® 260X Base Model K5272-1	Maverick® 325X Base Model K3581-1	Dual Maverick® 200/200X Base Model K4382-2	Vantage® 322 Base Model (Kubota®) K2409-5	Frontier® 400X Base Model K3484-2	Frontier® 400X Pipe Base Model K3485-2	Frontier® 500X Base Model K5350-2	Air Vantage® 566X Base Model K3242-3
GENERAL									
Power Plug Kit, 20 amp	K802N	•	•	•	•	•	•	•	•
Polarity/Multi-Process Switch	K2642-1	•	•	•	•				
Docking Kit for Polarity/Multi-Process Switch	K2663-1				•				
12-Pin (M) to 6-Pin (F) Adapter	K2909-1					•	•	•	•
Cold Weather Kit for Kubota® Engines	K2735-1					•	•		
Ballistic Nylon Storage Cover for Frontier® 400X and Vantage® 322	K5292-1				•	•			
User Interface Protective Cover (Frontier®)	K5226-1					•	•	•	
Spark Arrestor Kit	K903-1	•	•	•					
Spark Arrestor Kit	K1898-1				•				
Spark Arrestor Kit	K3985-1								•
Spark Arrestor Kit	K5734-1							•	
Medium Two-Wheel Road Trailer & Duo-Hitch® Ball/Eye Hitch	K2636-1			•	•	•	•	•	
Large Two-Wheel Trailer & Duo-Hitch® Ball/Eye Hitch	K2637-2								•
Four-Wheel Steerable Yard Trailer with Duo-Hitch® Ball/Eye Hitch	K2641-2				•	•	•	•	•
Fender and Light Kit	K2639-1			•	•	•		•	•
Cable Rack	K2640-2			•	•	•	•	•	•
Full KVA Power Plug (1-Phase)	T12153-9				•	•		•	•
Full KVA Power Plug (3-Phase)	T12153-10				•	•		•	•
Full-KVA Adapter Kit (1-Phase)	K1816-1	•	•	•	•	•	•	•	•
Air Filter Kit for Compressed Air	K3088-1								•
Air Cleaner Guard Kit	K4698-1								•

• Optional

Accessories

Product Name	Product No.	Maverick® 260X Base Model K5272-1	Maverick® 325X Base Model K3581-1	Dual Maverick® 200/200X Base Model K4382-2	Vantage® 322 Base Model (Kubota®) K2409-5	Frontier® 400X Base Model K3484-4	Frontier® 400X Pipe Base Model K3485-4	Frontier® 500X Base Model K5350-2	Air Vantage® 566X Base Model K3242-3
Accessory Kit, 400 Amp	K704				•	•	•	•	
WELDERS									
Invertec® V276	K4868-1	•	•	•	•	•	•	•	•
Flextec® 350X PowerConnect®	K4273-2				•	•	•	•	•
REMOTES AND CONTROLLERS									
Remote Output Control, 25 ft (7.6 m), 6-pin connector	K857	•	•	•	•				
Remote Output Control, 100 ft (30 m), 6-pin connector	K857-1	•	•	•	•				
Remote Output Control, 25 ft (7.6 m), 12-pin connector	K857-2					•	•	•	•
Remote Output Control, 100 ft (30 m), 12-pin connector	K857-3					•	•	•	•
Remote Output Control Detachable Box, 125 ft (38.1 m), 6-pin connector	K4330-1	•	•	•	•				•
Remote Output Control with 120VAC Receptacles/Detachable Box, 125 ft (38.1 m), 6-pin connector	K4268-1	•	•	•	•				•
Remote Output Control with 120VAC Receptacles/Detachable Box, 125 ft (38.1 m), 12-pin connector	K5312-1					•	•	•	•
CoreLinc™ Wireless Remote Control Kit	K5728-1					•	•	•	•
CrossLinc™ Remote	K4345-1					•	•	•	•
CoreLinc™ Replacement Transmitter	K5783-1					•	•	•	•
CoreLinc™ Replacement Receiver	K5784-1					•	•	•	•
CoreLinc™ 12-Pin Extension Cable	K5785-1					•	•	•	•
CoreLinc™ Screen Protector (3 pk)	KP5807-1					•	•	•	•
Wireless Remote Control (Frontier®)	K5265-1					•	•	•	
TIG									
Pro-Torch™ TIG Torch PTA-26V, 25 ft (7.6 m), 2 pc	K1783-9	•	•		•	•		•	•
Arc Start™ Switch (6-pin connector)	K814	•	•	•	•				
Arc Start™ Switch (12-pin connector)	K814-2	•	•			•	•	•	•
Foot Amptrol™ (6-pin connector)	K870	•	•	•	•				
Foot Amptrol™ (12-pin connector)	K870-2					•	•	•	•
Hand Amptrol™ (Rotary Track Style) (6-pin connector)	K963-3	•	•	•	•				
Hand Amptrol™ (Rotary Track Style) (12-pin connector)	K963-4					•	•	•	•
Square Wave® TIG 200	K5126-1	•	•	•	•	•	•	•	•

O Included • Optional

Accessories

Product Name	Product No.	Maverick® 260X Base Model	Maverick® 325X Base Model	Dual Maverick® 200/200X Base Model	Vantage® 322 Base Model (Kubota®)	Frontier® 400X Base Model	Frontier® 400X Pipe Base Model	Frontier® 500X Base Model	Air Vantage® 566X Base Model
		K5272-1	K3581-1	K4382-2	K2409-5	K3484-2	K3485-2	K5350-2	K3242-3
WIRE FEEDER, CON'T									
Heavy Duty ArcLink® Control Cable, 25 ft (7.6 m)	K2683-25								•
Heavy Duty ArcLink® Control Cable, 50 ft (15.0 m)	K2683-50								•
Heavy Duty ArcLink® Control Cable, 100 ft (30.5 m)	K2683-100								•
ArcLink® Connector	K5171-1					•	•	•	
LN-25X™ with CrossLinc® Technology	K4267-2	•	•	•	•	•	•	•	•
Activ8X® with CrossLinc® Technology	K3519-1	•	•	•	•	•	•	•	•
Activ8X® Pipe (Tweco®)	K4717-1	•	•	•		•	•	•	
Power Feed® 25M Wire Feeder, Plastic Case	K2536-5								•
SPOOL GUN									
Magnum® SG Spool Gun, Air-Cooled, w/Remote, 25 ft (7.6 m)	K487-25				•				•
Magnum® SG Control Module	K488				•				•
Magnum® PRO 250LX GT Spool Gun	K3569-2	•	•	•				•	
Control Module Input Cable, 14-pin MS-type & Lug	K691-10				•				•
POWER MIG® 210 MP	K3963-1				•	•	•	•	•
2-YEAR EXTENDED WARRANTY AVAILABLE	–			•	•	•	•	•	•

• Optional

Service Kits

VMAC® Compressor Service Kit
KP3406-1 6 Month / 500 Hours (Air Vantage® / Hydraulic)
KP3408-1 12 Month / 1,000 Hours (Air Vantage® / Hydraulic)

Perkins® Engine Service Kit
K3598-1 (SAE-300®s, Classic® 300s)
K3598-4 Service Kit for Perkins® Engine Model 403F-115T
K3598-3 Service Kit for Perkins® Engine Model 404F-E22T
K3598-3 (Vantage® 441X)
K3598-4 (Frontier® 400X)



Deutz® Engine Service Kit
K3558-3 (Vantage® 435X)
K3558-4 (SAE 500 Severe Duty)
K3558-5 (Vantage® 549X, Vantage® 566X and Air Vantage® 566X models)

Kubota® Engine Service Kit
K3599-1 (Cross Country® 300 / Vantage® 322) Service Kit for Kubota® Engine Model V1505
K3599-1 Service Kit for Kubota® Engine Model V1505
K3599-5 Service Kit for Kubota® Engine Model D1503-M
K3599-2 (SAE 300®s, Classic® 300s) Service Kit for Kubota® Engine Model D902
K3599-4 (Dual Maverick™ 200/200X)
K3599-6 (Frontier® 500X) Service Kit for Kubota® Engine Model V2403
K3599-7 (Maverick™ 260X) Service Kit for Kubota® Engine Model Z602

For more information on our Extended Warranty program, visit www.lincolnelectric.com/warranty



WIRE FEEDERS

MODEL	OUTPUT			PROCESS					FEATURES				
	Wire Feed Speed Range ipm (m/min)	Solid Wire Size Range: in (mm)	Cored Wire Size Range: in (mm)	MIG	Pulsed MIG	MIG-STT®	Flux-Cored	Submerged Arc	MAXTRAC® Wire Drive System	Gouging (CAG)	2-Roll Drive	4-Roll Drive	Digital Display
BENCH AND BOOM MODELS													
ANALOG													
Flex Feed® 74 HT	50-700 (1.3-17.8)	0.025-3/32 (0.6-2.4)	0.035-0.120 (0.9-3.0)	●			●	●	•	•		•	•
Flex Feed® 84	35-750 (0.9-19.1)	0.025-3/32 (0.6-2.4)	0.035-0.120 (0.9-3.0)	●			●	●	•	•		•	•
Flex Feed® 84 Dual	35-750 (0.9-19.1)	0.025-3/32 (0.6-2.4)	0.035-0.120 (0.9-3.0)	●			●	●	•	•		•	•
ARCLINK®													
Power Feed® 84	50-1200 (1.3-30.4)	0.025-1/16 (0.6-1.6)	0.035-5/64 (0.9-2.0)	●	●	●	●		•	•		•	•
Power Feed® 84 Dual	50-1200 (1.3-30.4)	0.025-1/16 (0.6-1.6)	0.035-5/64 (0.9-2.0)	●	●	●	●		•	•		•	•
DLF-82	50-800 (1.3-20.3)	0.023-1/16 (0.58-1.6)	0.030 - 5/64 (0.76-2.0)	●	●		●		•		•		•
DLF-84	35-1200 (0.9 -30.4)	0.025-1/16 (0.6-1.6)	0.035-5/64 (0.9-2.0)	●	●		●					•	•
FIELD MODELS													
ANALOG													
Activ8X® w/CrossLinc® Technology and TVT™	50-700 (1.3-17.8)	0.023-0.052 (0.6-1.3)	0.035-5/64 (0.9-2.0)	●			●		•		•		•
LN-25® PRO Dual Power	50-700 (1.3-17.8)	0.023-1/16 (0.6-1.6)	0.030-5/64 (0.8-2.0)	●		◓	●		•		•		•
LN-25X® w/CrossLinc® Technology and TVT™	50-700 (1.3-17.8)	0.023-1/16 (0.6-1.6)	0.030-5/64 (0.8-2.0)	●			●		•		•		•
Activ8X® Pipe™	50-500 (1.3-12.7)	0.035-0.047 (0.9-1.2)	0.045 (1.1)max	●	●	●	●		•		•		•
Robotic Models													
AutoDrive® S	30-800 (0.8-20.3)	0.047 (1.2)	n/a	●	●	●			•			•	
AutoDrive® SA	30-800 (0.8-20.3)	0.035-1/16 (0.9-1.6)	n/a	●	●	●			•			•	
AutoDrive® 4R100	50-800 (1.3-20.3)	0.023-0.052 (0.58-1.3)	0.035-0.045 (0.9-1.2)	●	●	●	●	●	•			•	
AutoDrive® 4R100	30-1200 (0.8-30.5)	0.023-1/16 (0.6-1.6)	0.035-5/64 (0.9-2.0)	●	●	●	●	●	•			•	
Power Feed® 10R	50-800 (1.3-20.3)	0.035-0.120 (0.9-3.0)	0.035-5/64 (0.9-2.0)	●	●	●	●		•				
ARCLINK®													
Power Feed® 25M	30-800 (0.8-20.3)	0.023-1/16 (0.6-1.6)	0.030-5/64 (0.8-2.0)	●	●	●	●		•		•		•

KEY: ● Excellent ◓ Good ○ Optional

Activ8X®

Rugged. Compact. Connected.

- Portable for shipbuilding, offshore or construction operations; small enough to fit through manways
- Impact resistant, flame retardant case and potted PC boards for moisture and corrosion protection provide rugged durability
- MAXTRAC® Wire Drive System – Heavy-duty cast aluminum wire drive system provides reliable feeding and durability
- Accepts up to 8 in. (203 mm) diameter wire spools
- CrossLinc® Technology allows for remote output control over the welding leads - no cable needed
- True Voltage Technology™ automatically compensates for voltage drops across long welding cables



Processes
- MIG
- Flux-Cored

Output

Input
15-110 VDC

Literature
E8.62

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Wire Feed Speed Range : ipm (m/min)	Wire Size Range in (mm)	H x W x D in (mm)	Net Wt. lb (kg)
Activ8X® Wire Feeder Base Model (w/Tweco® Style Plug)	K3519-1	15-110V DC	330A/60%	50-700 (1.3-17.8)	GMAW: 0.023-0.052 (0.6-1.3) FCAW: 0.035-5/64 (0.9-2.0)	11.8 x 7.6 x 19.8 (298 x 193 x 503)	27 (12.2)
w/Magnum® PRO Curve™ 300 One-Pak®	K3564-1						
CE Model (Twist Mate™/ Dinse®)	K3519-2						

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Activ8X® Pipe™

Perfectly Tuned for Pipe Welding

- Provides industry-leading root-to-cap weld processes – including STT® Field and Pulsed MIG
- Features CrossLinc® Technology enabling voltage control at the feeder without the extra cable which promotes improved productivity, safety and quality
- Digital meters and user interface allow for easy changes to wire feed speed, voltage and weld mode right at the feeder
- True Energy® Technology allows for accurate measurement and calculations of total energy throughout the weld



Processes
- MIG
- STT® Field
- Pulsed MIG
- FCAW-G

Output

Input
15-110 VDC

Literature
E8.63

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Max Spool Capacity	Rated Output: Current/ Voltage/Duty Cycle	Wire Feed Speed Range : ipm (m/min)	Wire Size Range in (mm)	H x W x D in (mm)	Net Wt. lb (kg)
Activ8X® Pipe™	K4717-1	60-90V DC	8-in dia (203 mm) 15-lb (6.8kg)	275A/27V/60% 250A/25V/100%	50-700 (1.27-17.8)	Cored: 0.035-0.047 (0.9-1.2) Solid : 0.023-0.052 (0.6-1.3)	18 x 8 x 19 (457 x 203 x 483)	49 (22.2)
w/ Magnum® PRO Curve™ HDE 250 One-Pak®	K4968-2							
CE Model (Twist Mate™/ Dinse®)	K5240-1							

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

LN-25® PRO® Dual Power

Simplicity and Reliability

- MAXTRAC® Wire Drive System – Heavy-duty cast aluminum wire drive system provides reliable feeding and more durability
- Tachometer feedback allows for accurate wire feed speed
- Dual Range Wire Feed Speed – Delivers greater precision at low end wire feed speeds
- Trigger Interlock Switch – Provides enhanced operator comfort for long welds



Processes
- MIG
- Flux-Cored

Output

Input
15-110 VDC
24-42 VAC

Literature
E8.102

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Wire Feed Speed Range : ipm (m/min)	Wire Size Range in (mm)	H x W x D in (mm)	Net Wt. lb (kg)
LN-25® PRO® Dual Power	K2614-6	15-110 VDC or 24-42 VAC	450A/60%	50-700 (1.3-17.7)	SOLID: 0.023-1/16 (0.6-1.6) CORED: 0.030-5/64 (0.8-2.0)	15 x 8.7 x 23.2 (381 x 221 x 589)	40 (18)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

LN-25X® with CrossLinc® Technology and TVT™

Full Control. Fewer Cables.

- The Maxtrac® Wire Drive System provides reliable feeding and durability
- CrossLinc® Technology allows for faster setup and eliminates trips to the power source to make adjustments
- Fully encapsulated and environmentally protected electronics
- True Voltage Technology™ (TVT™) automatically compensates for voltage drops across long welding cables



Processes
- MIG
- Flux-Cored

Output

Input

15-110 VDC

Literature
E8.107

[1]Across-the-Arc

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Wire Feed Speed Range : ipm (m/min)	Wire Size Range in (mm)	H x W x D in (mm)	Net Wt. lb (kg)
LN-25X® w/CrossLinc® Technology and TVT™ w/CrossLinc® and TVT™ (with Flowmeter, Tweco®)	K4267-3	15-110V DC	450A/60% 325A/100%	50-700 (1.3-17.7)	SOLID: 0.023-1/16 (0.6-1.6) CORED: 0.030-5/64 (0.8-2.0) ALUMINUM 0.035-1/16 (0.9-1.6)	14.8 x 8.7 x 23.2 (376 x 221 x 589)	37 (17)
w/CrossLinc® and TVT (No Flowmeter, Tweco®)	K4267-2						
w/TVT Magnum® PRO Curve™ 300A 045C One-Pak®	K4266-1						
w/TVT K126® Pro 1/16-5/64 One-Pak®	K4266-2						
w/CrossLinc® and TVT™ (with Flowmeter, Twist Mate™/Dinse®)	K4267-4						
w/TVT™ Magnum® 400 (045C) One-Pak®	K4266-3						
Extra Torque w/CrossLinc® and TVT™ (Tweco® Style Plug)	K4267-5			50-400 (1.3-10.1)	GMAW: 0.023 – 1/16 (0.6 – 1.6) FCAW: .030 - 3/32 (0.8 – 2.4)		

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Power Feed® 25M

Advanced Process Control

- Internal lighting illuminates the wire drive to aid operators working in dark environments
- Internal heating maintains control of humidity by keeping consumables warm and protected within the enclosed case
- Advanced process control allows easy access and control over advanced weld process parameters and optimize arc characteristics
- ArcLink® Communication provides faster arc start detection time with plug and play simplicity; no external hardware required



Processes
- MIG
- Pulsed MIG
- MIG-STT®
- Flux-Cored
- Stick
- TIG
- Gouging

Output

Input
40 VDC

Literature
E8.271

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Wire Feed Speed Range : ipm (m/min)	Wire Size Range in (mm)	H x W x D in (mm)	Net Wt. lb (kg)
Power Feed® 25M Aluminum Case	K2536-4	40V DC	500A/60%	GMAW: 50-800 (1.3-20.3) FCAW: 30-400 (0.8-10.2) GMAW: 30-400 (0.8-10.2)* FCAW: 30-400 (0.8-10.2)*	SOLID: 0.023-1/16 (0.6-1.6) CORED: 0.030-5/64 (0.8-2.0) SOLID: 0.023-1/16 (0.6-1.6)* CORED: 0.030-3/32 (0.8-2.4)*	14.5 x 8.5 x 23.5 (368 x 216 x 597)	35 (15.9)
Plastic Case	K2536-5						

*NOTE: When used in Extra Torque configuration.

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Flex Feed® 74 HT Heavy-Duty

High-Torque, High Performance

- High-torque bench feeder for industrial applications
- Optional gouging stud with contactor control when not in use.
- 2-step/4-step trigger interlock enhances operator comfort for longer welds
- Feed plate can be located on either right or left side of the weld drive housing for easy integration into any work center



Processes
- MIG
- Flux-Cored
- Hand-Held SAW
- Gouging (CAG) - with gouging option installed

Output

Input
24-42 VAC
50/60 Hz

Literature
E8.203

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Wire Feed Speed Range : ipm (m/min)	Wire Size Range in (mm)	H x W x D in (mm)	Net Wt. lb (kg)
Flex Feed™ 74 HT Simple U/I, Heavy-Duty Reel	K3883-11[2]	24-42 VAC 50/60 Hz	600A/60% (wire drive only)	Standard Speed/ Installed 20 Pinion Gear[1]: 50-500 (1.3 - 12.7) Standard Speed/30 Pinion Gear[3]: 50 - 700 (1.3 - 19.0)	20 Pinion Gear GMAW: 0.025 - 3/32 (0.6 - 2.4) FCAW: 0.035 - 0.12 (0.9 - 3.0) 30 Pinion Gear GMAW: 0.025 - 1/16 (0.9 - 1.6) FCAW: 0.035 - 5/64 (0.9 - 2.0)	13.3 x 15.5 x 23.6 (338 x 394 x 599) wire drive only	55 (24.9)
Digital U/I, Heavy-Duty Reel	K3883-12[2]						55 (24.9)
Digital U/I, No Reel	K3883-2						36 (16.33)

[1]Other Bench Configurations available. See E8.203
[2]20 tooth pinion gear installed in the wire drive as equipped from the factory
[3]To achieve wire feed speed of 700, the feeder is configured with a 30 pinion gear

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Flex Feed® 84 Single

High Productivity, Heavy-Fab Applications

- 4 memories with limits and lockouts for process control
- Designed especially for consistent feeding over long conduit runs and large-diameter wires
- Optional gouging stud with contactor control when not in use
- Advanced MAXTRAC® cast aluminum wire drive system features patented tool-less drive roll and split wire guide design
- Configure for single, dual, bench or boom setups as your workspace changes



Processes
- MIG
- Flux-Cored
- Hand-Held SAW
- Gouging (CAG) - with gouging option installed

Output

Input

42 VAC 50/60 Hz

Literature
E8.204 and E8.205

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Wire Feed Speed Range : ipm (m/min)	Wire Size Range: in (mm) Solid	Wire Size Range: in (mm) Cored	H x W x D in (mm)	Net Wt. lb (kg)
FlexFeed® 84 Single Bench w/Heavy-Duty Wire Reel Stand	K5000-2	24-42V AC 50/60 Hz 10 amps	Wire Drive: 600A/60% w/o contactor Wire Drive with Contactors or Gouging: 500A/60% Gouging Stud: 600A/30%	Standard Speed / Installed 20 Pinion Gear[1]: 35-500 (0.9-12.7) Standard Speed/ 30 Pinion Gear: 50-750 (1.3-19.0)	20 Pinion Gear[1]: 0.025-3/32 (0.6-2.4) 30 Pinion Gear: 0.025 - 1/16 (0.6 - 1.6)	20 Pinion Gear[1]: 0.035-0.120 (0.9-3.0) 30 Pinion Gear: 0.035 - 5/64 (0.9 - 2.0)	16.5 x 15.5 x 28 (419 x 394 x 711)	56 (25.4)
w/Contactor and Gouge Stud (no wire reel stand)	K5000-3							44 (20)
Flex Feed® 84 Single Drive Boom One-Pak®	K5000-11							62 (28.1)

[1]Installed from Factory

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Flex Feed® 84 Dual

Rugged, Reliable and Ready

- 4 memories with limits and lockouts for process control
- Designed especially for consistent feeding over long conduit runs and large diameter wires
- Advanced MAXTRAC® cast aluminum wire drive system features patented tool-less drive roll and split wire guide design
- Dual model can be ordered with a Power Path™ contactor that electrically isolates the non-active wire drive and gun



Processes
- MIG
- Flux-Cored
- Submerged Arc

Output

Input

42 VAC 50/60 Hz

Literature
E8.204 and E8.205

Product Name	Product Number	Input Power Voltage/Phase/ Hertz	Rated Output: Current/ Voltage/Duty Cycle	Wire Feed Speed Range: ipm (m/min)	Wire Size Range in (mm) Solid	Wire Size Range in (mm) Cored	H x W x D in (mm)	Net Wt. lb (kg)
Flex Feed® 84 Dual Bench w/Contractor, Heavy-Duty Wire Reel Stand	K5002-2	24-42V AC 50/60 Hz 10 amps	Wire Drive: 600A/60% w/o contactors Wire Drive w/Contactors: 500A/60%	Standard Speed / Installed 20 Pinion Gear[1]: 35-500 (0.9-12.7) Standard Speed / 30 Pinion Gear: 50-750 (1.3-19.0)	20 Pinion Gear[1]: 0.025-3/32 (0.6-2.4) 30 Pinion Gear: 0.025 - 1/16 (0.9 - 1.6)	20 Pinion Gear[1]: 0.035-0.120 (0.9-3.0) 30 Pinion Gear: 0.035 - 5/64 (0.9 - 2.0)	16.5 x 22.5 x 30.6 (419 x 572 x 777)	101 (45.8)
w/Heavy-Duty Wire Reel Stand	K5002-5							97 (43.9)
Boom Feeder One-Pak®	K5002-11							

[1]Installed from factory.

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

DLF-82 Wire Feeder

Digital Semiautomatic

- Combines the latest welding technology with easy, operator-friendly controls
- Synergic weld modes with one knob control for simple setup and operation
- Easily store settings for fast weld parameter changes
- Includes integrated 5-pin ArcLink® control cable, 0.035/0.045 drive rolls, wire reel stand for up to 60-lb. spools, and Magnum® PRO Curve™ HDE 350



Processes
- CV-MIG
- CV-FCAW
- Pulsed MIG

Output

Input
40 VDC

Literature
E8.12

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Wire Feed Speed Range : ipm (m/min)	Wire Size Range in (mm)	H x W x D in (mm)	Net Wt. lb (kg)
DLF-82 Bench Model	K5282-3	40V DC	500A/100% 600A/60%	50-800 (1.3 - 20.3)	Solid: 0.023 - 1/16 (0.58 - 1.6) Cored: 0.030 - 5/64 (0.76 - 1.98)	15.9 x 12.0 x 25.6 (403 x 305 x 650)	43 (19.5)
DLF-82 Base Model	K5282-1						
DLF-82 Bench Model, No Gun	K5282-2						

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

DLF-84 Bench Model with Gun

Digital Semiautomatic

- Combines the latest welding technology with easy, operator-friendly controls
- Synergic weld modes with one knob control for simple setup and operation
- Easily store settings for fast weld parameter changes
- Includes integrated 5-pin ArcLink® control cable, 0.035/0.045 drive rolls, wire reel stand for up to 60-lb. spools, and Magnum® PRO Curve™ HDE 350



Processes
- CV-MIG
- CV-FCAW
- Pulsed MIG

Output

Input
40 VDC

Literature
E8.600

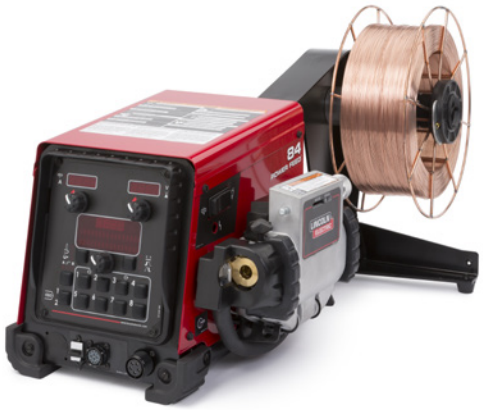
Product Name	Product Number	Input Power	Rated Output: Current/Voltage/ Duty Cycle	Solid Wire Diameter Range in (mm)	Cored Wire Diameter Range In (mm)	Wire Feed Speed Range: ipm (m/min)	Dimensions H x W x D in (mm)	Weight lbs (kg)
DLF-84 Bench Model with Gun	K5287-3	40 VDC	600A @ 60%	0.025 - 3/32 (0.6 - 2.38)	0.035 - 0.120 (0.9 - 3.0)	35 - 1200 (0.89 - 30.5)	18.3 x 17.8 x 26.4 (465 x 452 x 671)	43 (19.5)
DLF-84 Bench Model, No Gun	K5287-2							
DLF-84 Single Wire Drive Boom Mount Feeder - No U/I	K5703-1						22.5 x 20 x 15.5 (572 x 508 x 394)	24 (11)
DLF-84 Control Box, Remote U/I	K5704-1							

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Power Feed® 84 Single Wire Drive

Advanced Multi-Process Digital Control

- Includes eight user memories for complete WPS recall and a USB port to transfer memory data
- Feed plate (Power Feed® 84) can be located on either right or left side of the wire drive housing for easy integration into any work environment
- Auto-settings simplify process set up



Processes
- MIG
- Pulsed MIG
- MIG-STT®
- Flux-Cored
- Stick
- TIG
- Gouging (CAG)

Output

Input
40 VDC

Literature
E8.268

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Wire Feed Speed Range : ipm (m/min)	Wire Size Range in (mm)	H x W x D in (mm)	Net Wt. lb (kg)
Power Feed® 84 Single Boom Feeder (no U/I)	K3328-1	40V DC	600A/60% (wire drive only) 500A/60% (wire drive w/gouging kit) 600A/30% (gouging stud)	Standard Speed / Installed 20 Pinion Gear: 50-700 (1.3-19.0) Standard Speed / 30 Pinion Gear: 50-1200 (1.3-30.4)[1]	20 Pinion Gear: SOLID: 0.025-1/16 (0.6-1.6) CORED: 0.035-5/64 (0.9-2.0) 30 Pinion Gear: SOLID: 0.025-0.045 (0.6-1.2)[1] CORED: 0.035-1/16 (0.9-1.6)[1]	25.2 x 15.5 x 27.9 (640 x 394 x 709) single wire drive only	36 (16.3)
w/User Interface No Reel Stand	K3328-3						38 (17.2)
Standard Duty Reel One-Pak®	K3328-7						54 (24.4)
w/User Interface, Heavy-Duty Reel, USB	K3328-13						62 (28.1)
w/User Interface, No Reel, Gouge Kit, USB	K3328-12						38 (17.2)

[1]When used with optional 30 tooth pinion gear. 20 tooth pinion gear installed from factory.

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Power Feed® 84 Dual Wire Drive

Advanced Multi-Process Digital Control

- Includes 16 user memories for complete WPS recall and a USB port to transfer memory data
- Dual feed head configuration provides convenient switching between wire types & sizes
- Advanced interface includes Auto-Settings to simplify process set up
- ArcLink® digital communications protocol enables fast, advanced communication with any ArcLink®-enabled welding power source



Processes
- MIG
- Pulsed MIG
- MIG-STT®
- Flux-Cored
- Stick
- TIG
- Gouging (CAG)
- HyperFill™

Output

Input

40 VDC

Literature
E8.268

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Wire Feed Speed Range : ipm (m/min)	Wire Size Range in (mm)	H x W x D in (mm)	Net Wt. lb (kg)
Power Feed® 84 Dual Boom Feeder (no U/I)	K3330-1	40V DC	600A/60% (w/o PowerPath™ contactors) 500A/60% (wire drive w/gouging kit) 600A/30% (gouging stud)	Standard Speed / Installed 20 Pinion Gear: 50-700 (1.3-19.0) Standard Speed / 30 Pinion Gear: 50-1200 (1.3-30.4)[1]	20 Pinion Gear: SOLID: 0.025-1/16 (0.6-1.6) CORED: 0.035-5/64 (0.9-2.0) 30 Pinion Gear: SOLID: 0.025-0.045 (0.6-1.2)[1] CORED: 0.035-1/16 (0.9-1.6)[1]	25.2 x 22.5 x 30.6 (640 x 572 x 777) *dual wire drive only*	64 (29.0)
w/User Interface No Reel Stand	K3330-3						66 (29.9)
w/User Interface, Standard Duty Reel One-Pak®	K3330-7						93 (42.1)
Heavy-Duty Reel One-Pak®	K3330-10						109 (49.4)
w/Heavy-Duty Reel Stand & Contactor	K3330-5						119 (53.9)

[1]When used with optional 30 tooth pinion gear. 20 tooth pinion gear installed from factory.

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Robotic Welding Wire Feeders

The Evolution of Speed and Precision

- AutoDrive® S, steel servo torch solution with touch-retract starting technology, provides precise arc starts for a consistent bead profile and minimal post-weld clean-up
- AutoDrive® SA, push-pull servo torch solution with touch-retract start technology, initiates each robotic aluminum weld without spatter or burnback
- Select the 4R220 for feeding larger diameter wires, or pulling through long conduits
- MAXTRAC® wire drives feature precision cast components, tool-less drive roll changes, and brass-to-brass gun connections
- Available modules relay wire feed commands from an appropriate, non-robotic Power Wave® power source to any AutoDrive® robotic wire feeder



Processes
- MIG
- Pulsed MIG
- MIG-STT®
- Flux-Cored
- Metal-Cored

Output

Input
40 VDC

Literature
E10.17 (AutoDrive® S)[1]
E10.16 (AutoDrive® SA)[1]
E10.12 (AutoDrive® 4R100 and 4R220)
E10.15 (Power Feed® 10R)

[1]The AutoDrive® S and SA is compatible only with Magnum® PRO products.

Product Name	Product Number	Wire Feed Speed Range: ipm (m/min)	Wire Size Range – Solid in (mm)	Wire Size Range – Cored in (mm)	H x W x D in (mm)	Net Wt. lb (kg)
AutoDrive® S	K4303-2	30-800 (0.8-20.3)	0.047 (1.2)	NA	7.0 x 7.5 x 10.8 (177.8 x 190.5 x 274.3)	14.5 (6.58)
AutoDrive® SA	K4444-1 (push feeder)	30-800 (0.8-20.3)	0.035-1/16 (0.9-1.6) (aluminum only)	NA	10.8 x 7.5 x 7.0 (274.3 x 190.5 x 177.8)	14.5 (6.58)
	K4445-1 (pull feeder)					—
AutoDrive® 4R100	K3560-1[1]	50-800 (1.3-20.3)	0.023-0.052 (0.58-1.3)	0.035-0.045 (0.9-1.2)	8.4 x 7.5 x 9.1 (213 x 191 x 231)	13.2 (6.0)
AutoDrive® 4R220	K3561-1[1]	30-1200 (0.8-30.5)	0.023-1/16 (0.6-1.6)	0.035-5/64 (0.9-2.0)	10.43 x 10.07 x 9.92 (265 x 256 x 252)	20.9 (9.5)
Power Feed® 10R	K1780-3	50-800 (1.3-20.3)	Solid: 0.023-0.045 (0.6-1.2) Cored: 0.035-0.045 (0.9-1.2)	Solid: 0.035-0.120 (0.9-3.0) Cored: 0.035-5/64 (0.9-2.0)	8.4 x 7.5 x 9.1 (213 x 191 x 231)	13.2 (6.0)

[1]Robot specific mounting brackets are available.

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What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

Activ8X® with CrossLinc® Technology

Required Accessories for all models

- Weld Power Cable
- Drive Roll and Wire Guide Kit

Base Model (K3519-1)

- Power Connector
- Internal Contactor
- Gas Solenoid
- Arc Sensing Lead & Clip, 15 ft. (4.5 m)

Magnum® PRO Curve™ 300 Wire Feeder One-Pak® (K3564-1)

- Drive Roll Kit 0.052 in. (1.3 mm) Cored Wire (KP1697-052C)
- Activ8X® Wire Feeder (Tweco®) (K3519-1)
- Magnum® PRO Curve™ 300 Welding Guns (K2951-2-10-116)

Activ8X® Pipe™

Base Model (K4717-1)

- Tweco® Style Input Connection
- Standard #2-#4 Gun Connection
- Drive Roll Kit Combination 0.035 in./0.045 in. (0.89 mm/1.14 mm) Solid Wire (KP1696-1)

Magnum® PRO Curve™ HDE 250 One-Pak® (K4968-2)

- Activ8X® Pipe One-Pak®
- Activ8X® Pipe (Tweco®) (K4717-1)
- Work Lead 2/0, Tweco® to GC500, 15 ft. (4.6 m) (K4835-2/0-15)
- Drive Roll Kit Combination 0.035 in./0.045 in. (0.89 mm/1.14 mm) Solid Wire (KP1696-1)
- Magnum® PRO Curve™ HDE™ 250 Welding Guns (K4531-2-10-45)
- Copper Plus® Tapered Contact Tip - 350A, Standard, 0.035 in. (0.9 mm) - 10/pack (KP2744-035T)
- Magnum® PRO Nozzle - 350A, Thread-on, Flush, 3/8 in. (9.5 mm) ID (KP2742-1-38F)

Flextec® 350X PowerConnect® One-Pak® (K5802-1)

- Flextec® 350X PowerConnect®/Activ8X® Pipe One-Pak®
- Activ8X® Pipe (Tweco®) (K4717-1)
- Work Lead 2/0, Tweco® to GC500, 15 ft. (4.6 m) (K4835-2/0-15)
- Drive Roll Kit Combination 0.035 in./0.045 in. (0.89 mm/1.14 mm) Solid Wire (KP1696-1)
- Magnum® PRO Curve™ HDE™ 250 Welding Guns (K4531-2-10-45)
- Magnum® PRO Nozzle - 350A, Thread-on, Flush, 3/8 in. (9.5 mm) ID (KP2742-1-38F)
- Flextec® 350X PowerConnect® (Tweco®) (K4273-2)
- Copper Plus® Contact Tip - 350A, Tapered, 0.035 in. (0.9 mm) - 10/pack (KP2744-035T)

LN-25® PRO

Dual Power (K2614-6)

- LN-25® PRO Wire Feeder
- Internal Contactor
- Gas Solenoid
- Flow Meter
- Arc Sensing Lead & Clip, 15 ft. (4.5 m)
- 2 Gun Bushings (K1500-2 Standard #2-#4 Installed; K1500-1 Lincoln Electric Style Loose)

LN-25X® with CrossLinc® Technology

TVT™ (with Flowmeter, Tweco®) (K4267-3)

- LN-25X® Wire Feeder w/TVT™
- Tweco® Style Plug On Electrode Cable
- Flowmeter Integrated Into The Machine

w/CrossLinc® and TVT (No Flowmeter, Tweco®) (K4267-2)

- Internal Contactor
- Gas Solenoid
- Arc Sensing Lead Clip
- 2 Gun Bushings (K1500-2 Installed; K1500-1 Loose)

Extra-Torque w/CrossLinc® and TVT (No Flowmeter, Tweco®) (K4267-5)

- LN-25X® Wire Feeder w/TVT
- Tweco® Style Plug On Electrode Cable

w/TVT Magnum® PRO Curve™ 300A 045C One-Pak® (K4266-1)

- LN-25X® w/CrossLinc® and TVT (No Flowmeter, Tweco®) (K4267-2)
- Magnum® PRO Curve™ 300 Welding Guns (K2951-2-10-45)
- Drive Roll Kit 0.040 - 0.045 in. (1.0 - 1.2 mm) Cored Wire (KP1697-045C)

w/TVT K126® Pro 1/16-5/64 One-Pak® (K4266-2)

- LN-25X® w/CrossLinc® and TVT (No Flowmeter, Tweco®) (K4267-2)
- K126® PRO Innershield® 350A FCAW-SS Welding Gun 15 ft. 1/16-5/64 (K126-12)
- Drive Roll Kit 5/64 in. (2.0 mm) Solid/Cored Wire (KP1697-5/64)
- Drive Roll Kit 1/16 in. (1.6 mm) Cored Wire (KP1697-1/16C)

TVT™ with Flowmeter, Twist Mate™/Dinse® (K4267-4)

- LN-25X™ Wire Feeder w/TVT™
- Twist Mate™ (Dinse®) Plug On Electrode Cable
- Flow Meter Integrated Into Feeder

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What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

w/TVT™ Magnum® 400 045C One-Pak® (K4266-3)

- Drive Roll Kit 0.040 - 0.045 in. (1.0 - 1.2 mm) Cored Wire (KP1697-045C)
- Magnum® 400 Welding Guns (K471-21)
- LN-25X® w/CrossLinc® and TVT™ (No Flowmeter, Tweco®) (K4267-2)

DLF-82

Bench Model with Gun (K5282-3)

- 8 ft. (2.4 m) Integrated ArcLink® Control Cable
- DLF-Feeder Wire Reel Stand (K5284-1)
- DLF-82 Base Model (K5282-1)
- Drive Roll Kit Combination 0.035 in./0.045 in. Solid Wire (KP1696-1)
- Magnum® PRO Curve™ HDE™ 350 Welding Guns (K4532-2-10-45)

Base Model (K5285-1)

- DLF-82 Wire Drive with Integrated 8-ft. ArcLink® Control Cable
- Gun Adapter Kit, Standard #4 (K3345-1)

Bench Model (No Gun) (K5282-2)

- DLF-Feeder Wire Reel Stand (K5284-1)
- DLF-82 Base Model (K5282-1)
- Drive Roll Kit Combination 0.035 in./0.045 in. Solid Wire (KP1696-1)

DLF-84

Bench Model with Gun (K5287-3)

- 8 ft. (2.4 m) Integrated ArcLink® Control Cable
- DLF-Feeder Wire Reel Stand (K5284-1)
- DLF-84 Base Model (K5287-1)
- Magnum® PRO Curve™ HDE™ 350 Welding Guns (K4532-2-10-45)

Bench Model (No Gun) (K5287-2)

- Integrated ArcLink® Control Cable 8 ft.
- DLF-Feeder Wire Reel Stand (K5284-1)
- DLF-84 Base Model (K5287-1)

Power Feed® 25M

Base Model, Aluminum Case (K2536-4)

- Electrode Pigtail
- Mode Select Panel
- Push-Pull Gun Connector
- Remote Control Connector
- Gun Receiver Bushing
- Standard & Extra-Torque Gearing

Base Model, Plastic Case (K2536-5)

- Electrode Pigtail
- Mode Select Panel
- Push-Pull Gun Connector
- Remote Control Connector
- Gun Receiver Bushing
- Standard & Extra-Torque Gearing

Flex Feed® 74 HT

Required Accessories for all models

- Drive Roll Kits
- Control Cable
- Weld Power Cable

Simple U/I, Standard Duty Reel (K3883-5)

- Control Cable Extension - Male 14 pin to Female 14 pin - 10 ft. (3 m) (K1797-10)
- Inlet Bushing, Quick Connect Style (K3929-1)
- Flex Feed® 74 HT - Digital U/I, No Reel (K3883-2)
- Wire Reel Stand - Standard Duty (K3342-1)

Digital U/I, Heavy-Duty Reel (K3883-12)

- Wire Reel Stand - Heavy-Duty (K3343-1)
- Inlet Bushing, Quick Connect Style (K3929-1)
- Control Cable Extension - Male 14 pin to Female 14 pin - 10 ft. (3 m) (K1797-10)
- Flex Feed® 74 HT - Digital U/I, No Reel (K3883-2)

Flex Feed® 84

Required Accessories for all models

- Drive Roll Kits
- Control Cable
- Weld Power Cable

w/Contractor and Gouge Stud (no wire reel stand) (K5000-3)

- Flex Feed® 84 Wire Feeder
- Gun Adapter Standard #2 - #4
- Inlet Bushing (K3929-1)
- Gouge Stud
- Contactor

Single Drive Boom One-Pak® (K5000-11)

- Flex Feed® 84 Single Boom
- User Interface (K5004-1)
- Control Cable (K1797-25)

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What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

Flex Feed® 84 Dual

Required Accessories for all models

- Drive Roll Kits
- Control Cable
- Weld Power Cable

w/Contractor, Heavy-Duty Wire Reel Stand (K5002-2)

- Flex Feed® 84 Dual Boom
- User Interface (K5004-1)
- Heavy-Duty Wire Reel Stand
- Gun Adapter Standard #2 - #4
- Control Cable (K1797-10)
- Inlet Bushing (K1551-2)
- Contactor

Bench w/Heavy-Duty Wire Reel Stand (K5002-5)

- Flex Feed® 84 Dual Boom (K5002-2)
- User Interface (K5004-1)
- Heavy-Duty Wire Reel Stand
- Gun Adapter Standard #2 - #4
- Control Cable (K1797-10)
- Inlet Bushing (K1551-2)

Boom Feeder One-Pak® (K5002-11)

- Flex Feed® 84 Dual Boom (K5002-2)
- User Interface (K5004-1)
- Control Cable (K1797-25)
- Inlet Bushing (K3929-1)

Power Feed® 84 Single Wire Drive

Required Accessories for all models

- Drive Roll Kits

Single Boom Feeder (no U/I) (K3328-1)

- Standard #2 - #4 Gun Adapter
- Conduit Inlet Bushing (K3929-1)

User Interface No Reel, USB (K3328-3)

- User Interface
- Standard #2 - #4 Gun Adapter
- Conduit Inlet Bushing (K3929-1)
- USB

Standard Duty Reel One-Pak® (K3328-7)

- User Interface
- Standard #2 - #4 Gun Adapter
- Standard Duty Reel Stand 8 ft. (2.4 m)
- Control Cable (K1543-8)
- USB

User Interface Heavy-Duty Reel, USB (K3328-13)

- User Interface
- Standard #2 - #4 Gun Adapter
- 8 ft. (2.4 m) Control Cable (K1543-8)
- USB
- Heavy-Duty Reel Stand

User Interface, No Reel, Gouge Kit, USB (K3328-12)

- User Interface
- Standard #2 - #4 Gun Adapter
- Conduit Inlet Bushing (K3929-1)
- Heavy-Duty Wire Reel Stand
- USB
- Gouge Kit

Power Feed® 84 Dual

Required Accessories for all models

- Drive Roll Kits

Boom Feeder (no U/I) (K3330-1)

- Standard #2 - #4 Gun Adapter
- Conduit Inlet Bushing (K3929-1)

Bench Wire Feeder, User Interface, No Reel, USB (K3330-3)

- User Interface
- Standard #2 - #4 Gun Adapter
- Conduit Inlet Bushing (K3929-1)
- USB

Bench Wire Feeder, User Interface, Standard Duty Reel One-Pak® (K3330-7)

- User Interface
- Standard #2 - #4 Gun Adapter
- Standard Duty Reel Stand
- 8 ft. (2.4 m) Control Cable (K1543-8)
- USB

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What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

Bench Wire Feeder Heavy-Duty Reel One-Pak®
(K3330-10)

- User Interface
- Standard #2 - #4 Gun Adapter
- Heavy-Duty Wire Reel Stand
- 8 ft. (2.4 m) Control Cable (K1543-8)
- USB

Bench Wire Feeder, User Interface, Heavy-Duty Reel, Contactor, USB
(K3330-5)

- User Interface
- Standard #2 - #4 Gun Adapter
- Heavy-Duty Wire Reel Stand
- 8 ft. (2.4 m) Control Cable (K1543-8)
- USB

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Accessories

Product Name	Product No.	Activ8X® Base Model K3519-1	Activ8X® Pipe™ Base Model K4717-1	LN-25® PRO Dual Power Base Model K2614-6	LN-25X® w/CrossLinc® Technology and TVT™ Base Model K4267-2	Power Feed® 25M Base Model Alum. Case K2536-4	Power Feed® 25M Base Model Plastic Case K2536-5
REQUIRED (see charts in Drive and Cable Accessories Section)							
Weld Power Cables	—	●	●	●	●	●	●
Drive Roll and Wire Guide Kits	—	●	●	●	●	●	●
Control Cables and Adapters	—			●			
Push-Pull Guns	—					●	●
ArcLink®/Linc-Net™ Control Cables	—					●	●
350A FCAW-SS Gun, 10 ft (3.0 m), 0.068-5/64 in (1.7-2.0 mm)	K345-10						
GENERAL							
Magnum® PRO Curve™ 300 Welding Gun Ready-Pak® Pkg., 0.045C, 15 ft (4.6 m)	K2951-2-10-45	•		•	•	•	•
Magnum® PRO Curve™ 200 Welding Gun Ready-Pak® Pkg. 15 ft (4.6 m)	K2950-2-10-45		•				
K126® PRO Innershield® 350A FCAW-SS Welding Gun, 1/16-5/64C, 15 ft (4.6 m)	K126-12	•		•	•	•	•
Gun Receiver Bushings (See Drive and Cable Accessories Section)	—	•	•	•	•	•	•
Receiver Bushing (Standard #2-#4 Style) (See Drive and Cable Accessories Section)	—	•	•	•	•	•	•
Receiver Bushing (See Drive and Cable Accessories Section)	—	•		•	•	•	•
Dual Schedule Fast-Mate Adapter™ 10 Series	K489-7	•	•	•	•	•	•
LC-40 Tweco-Style Receptacle (1/0-2/0)	K3417-70	•	•	•	•	•	•
LC-40 Tweco-Style Plug (1/0-2/0)	K3416-70	•	•	•	•	•	•
Tweco® Style Plug, Male 3/0-4/0	K3416-90	•	•	•	•	•	•
Tweco® Style Receptacle, Female 3/0-4/0	K3417-90	•	•	•	•	•	•
Twist Mate™ Plug, Male 1/0-2/0	K852-70	•	•	•	•	•	•
Twist Mate™ Receptacle, Female 1/0-2/0	K1759-70	•	•	•	•	•	•
Twist Mate™ Receptacle, Female 3/0	K1759-95	•	•	•	•	•	•
Insulated CT40FS Female Connector	K2487-1	•	•	•	•	•	•
Plastic Case for Activ8X® Feeder	K3061-1	•					
Jumper Plug Kit	K484	•		•	•		
Deluxe Adjustable Gas Regulator & Hose Kit, 4.3 ft (1.3 m)	K586-1	•	•			•	•
Portable Digital Wire Feed Speed Meter	K283	•					
Flow Meter Kit	K3156-1	•					
Preflow, Postflow and Burnback Timer Kit	K2330-2			•	•		
14 lb (6.4 kg) Innershield® Coil Adapter	K435			•	•	•	•
8 in (203.2 mm) O.D. Spool Adapter	K468			•	•	•	•

● Required ● Optional

Accessories

Product Name	Product No.	Activ8X™ Base Model K3519-1	Activ8X® Pipe™ Base Model K4217-1	LN-25® PRO Dual Power Base Model K2614-6	LN-25X® w/CrossLinc® Technology and TVT™ Base Model K4267-2	Power Feed® 25M Base Model Alum. Case K2536-4	Power Feed® 25M Base Model Plastic Case K2536-5
GENERAL, CON'T.							
Replacement Case Kit - Polycarbonate	K2596-2			•	•	•	•
Micro Wire Straightener	K1733-4			•	•	•	•
12-Pin to 6-Pin Adapter Cable	K2909-1					•	•
12-Pin to 7-Pin Adapter Cable	K2910-1					•	•
Remote Output Control (12-Pin), 25 ft (7.6 m)	K857-2					•	•
Water Connection Kit	K590-6					•	•
Shielding Gas Filter	KP3103-1	•	•	•	•	•	•
Push-Pull Gun Adapter Kit	K2339-1		•			•	•
Drive Roll Kits (see Drive and Cable Accessories Section)	—	•		•	•	•	•
TIG							
PTA-17 Pro-Torch™ TIG Torch, 12.5 ft (3.8 m), 2 pc	K1782-2					•	•
PTA-17 Pro-Torch™ TIG Torch, 25 ft (7.6 m), 2pc	K1782-4					•	•
PTA-26 Pro-Torch™ TIG Torch, 12.5 ft (3.8 m), 2pc	K1783-2					•	•
PTA-26 Pro-Torch™ TIG Torch, 25 ft (7.6 m), 2pc	K1783-4					•	•
Foot Amptrol™, 12-Pin	K870-2					•	•
Hand Amptrol™, 12-Pin	K963-4					•	•
POWER SOURCES							
MIG Welders (CV), Multi-Process Welders (CC/CV), Engine Driven Welders	—	•		•	•		
CrossLinc® Equipped Power Sources							
Flextec® 350X, Flextec® 500X, Flextec® 650X	—	•			•		
Flextec® 350X PowerConnect®		•	•		•	•	•
ArcLink® Equipped Power Sources							
Power Wave® and Flextec®	—					•	•
2-YEAR EXTENDED WARRANTY AVAILABLE	—	•		•	•	•	•

• Optional

Accessories

Product Name	Product No.	DLF-82 Bench Model K5282-3	Flex Feed® 74 HT Bench Model (Heavy-Duty) K3883-11	Flex Feed® 74 HT Digital Model (Heavy-Duty) K3883-12	Flex Feed® 84 Single Bench Model (Heavy-Duty) K5000-2	Flex Feed® 84 Dual Bench Model (Heavy-Duty) K5002-2	Power Feed® 84 Single Base Model K3328-13	Power Feed® 84 Dual Base Model K3330-5
REQUIRED (see charts in Drive and Cable Accessories Section)								
Weld Power Cables	—	●	●	●	●	●	●	●
Drive Roll and Wire Guide Kits	—	●	●	●	●	●	●	●
Control Cables and Adapters	—	●	●	●	●	●	●	●
GENERAL								
Gun Receiver Bushing (See Drive and Cable Accessories Section)	—	•	•	•	•	•	•	•
Deluxe Adjustable Gas Regulator & Hose Kit, 4.3 ft (1.3 m)	K586-1	•	•	•	•	•	•	•
Portable Digital Wire Feed Speed Meter	K283-1	•	•	•	•	•	•	•
Incoming Bushing for Conduit, 0.025-1/16 in (0.6-1.6 mm) Wire	K1546-1	•	•	•	•	•	•	•
Incoming Bushing for Conduit, 1/16-1/8 in (1.6-3.2 mm) Wire	K1546-2	•	•	•	•	•	•	•
Inlet Bushing, Quick Connect Style	K3929-1	•	•	•	•	•	•	•
Incoming Ball Bearing Bushing for Lincoln® Conduit	K1551-2	•	•	•	•	•	•	•
Adapter for Competitive Power Sources	K2335-2	•	•	•	•	•		
Postflow and Burnback Timer Kit	K2330-1							
14 lb (6.4 kg) Innershield® Coil Spindle Adapter	K435							
8 in (203.2 mm) Spindle Adapter for Small Spools	K468							
Remote Voltage Control Kit	K2329-1							
Spindle Adapter for Readi-Reels® and Spools	K162-1							
Harris® Argon/CO_2 Flowmeter Regulator & Hose Kit, 10 ft (3.0 m)	3100211	•	•	•	•	•	•	•
Adapter Cable, Female 14-pin Control Cable to Terminal Strip	K1798	•	•	•	•	•		
Power Feed® 84 Gas Flow Sensor	K3338-1						•	•

● Required ● Optional

Accessories

Product Name	Product No.	Flex Feed® 74 HT Bench Model (Heavy-Duty) K3883-11	Flex Feed® 74 HT Digital Model (Heavy-Duty) K3883-12	Flex Feed® 84 Single Bench Model (Heavy-Duty) K5000-2	Flex Feed® 84 Dual Bench Model (Heavy-Duty) K5002-2	Power Feed® 84 Single Base Model K3328-13	Power Feed® 84 Dual Base Model K3330-5
GENERAL, CON'T.							
42 Volt Transformer Kit	K1520-1	•	•	•	•		
Standard Duty Wire Reel Stand, 10-44 lbs (4.5-20 kg) Spindle	K2328-1						
Standard Duty Wire Reel Stand, 44 lbs (20 kg)	K3342-1	•	•	•	•	•	•
Heavy-Duty Wire Reel Stand, 10-60 lbs (4.5-27.2 kg) Spindle	K1524-3						
Heavy-Duty Wire Reel Stand, 44 lbs. (20 kg) Spools and Up to 60 lb (27.2 kg) Coils. (Includes K3341-1 Lift Bail)	K3343-1	•	•	•	•	•	•
Four Wheeled Wire Feeder Undercarriage	K163-1		•	•	•	•	•
Feeder Mounting Kit for Inverter Cart (Required for Mounting Flex Feed® and Power Feed® Feeders to K3059-xx Inverter Cart)	K4068-1	•	•	•	•	•	•
Spool Cover, 30-40 lbs (13.6-18.1 kg) Spools	K1634-4	•	•	•	•		
Spool Cover/Wire Reel Enclosure, Large	K3340-1		•	•	•	•	•
Insulated Lift Bail, 60 lbs (27.2 kg) Spools, Maximum	K1555-1						
Lift Bail	K3341-1	•	•	•	•	•	•
Light Duty Caster Kit	K1556-1						
Swivel Platform	K1557-1						
Readi-Reels® Adapter 22-30 lbs (10-13.6 kg)	K363P	•	•	•	•	•	•
Coil Adapter 50-60 lbs (22.7-27.2 kg), 2 in (50.8 mm) Spindle	K1504-1		•	•	•		
Wire Reel and Flux Tank Assembly	K305	•	•	•	•		
Wire Straightener	K1733-1	•	•	•	•	•	•
Water Connection Kit	K590-6	•	•	•	•	•	•
Shielding Gas Filter	KP3103-1	•	•	•	•	•	•
Quick Connect Conduit Inlet Bushing	K3929-1	•	•	•	•	•	•
POWER SOURCES							
Power Sources With 42V Feeder Power From 14-Pin Connector	—	•	•	•	•		
Power Wave® Compatible	—					•	•
2-YEAR EXTENDED WARRANTY AVAILABLE		•	•	•	•	•	•

For more information on our Extended Warranty program, visit www.lincolnelectric.com/warranty

• Optional



SUBMERGED ARC AND AUTOMATIC EQUIPMENT

WIRE FEEDER MODEL	OUTPUT				PROCESS			INPUT	FEATURES		
	Power Source Required	Wire Feed Speed Range ipm (m/min)	Solid Wire Size Range: in (mm)	Cored Wire Size Range: in (mm)	MIG	Flux-Cored	Submerged Arc	Power	2-Roll Drive	4-Roll Drive	Digital Display
SEMIAUTOMATIC WIRE FEEDERS											
Flex Feed® 74HT	DC600, Flextec® 650X	50-700 (1.3-17.8)[1]	0.025-3/32 (0.6-2.4)	0.035-0.120 (0.9-3.0)	●	●	●	40VAC		•	•
Flex Feed® 84	DC600, Flextec® 650X	50-750 (1.3-19.0)[1]	0.025-3/32 (0.6-2.4)	0.035-0.120 (0.9-3.0)	●	●	●	40VAC DC		•	•
MECHANIZED WIRE FEEDERS											
LT-7 Tractor	DC600, DC1000, Flextec® 650X, Vantage® 549X, Vantage® 566X	100-400 (2.5-10.2)	3/32-3/16 (2.4-4.8)	3/32-3/16 (2.4-4.8)			●	115VAC	•		
Cruiser™ Tractor	Power Wave® AC/DC 1000® SD, Flextec® 650X	15-500 (0.4-12.7)	1/16-7/32 (1.6-5.6)	–			●	40VDC	•	•	•
AUTOMATIC WIRE FEEDERS											
NA-3 Control and Heads	DC600, DC1000, DC1500, Flextec® 650X, Vantage® 549X, Vantage® 566X	25-600 (0.6-15.2)	0.035-7/32 (0.9-5.6)	0.045-5/32 (1.1-4.0)	●	●	●	115VAC	•		
NA-4 Control and Heads	AC1200	subject to arc voltage used	1/16-7/32 (1.6-5.6)	–			●	115VAC	•		
NA-5 Control and Heads	DC600, DC1000, DC1500, Flextec® 650X	25-775 (0.6-19.7)	0.035-7/32 (0.9-5.6)	0.045-5/32 (1.1-4.0)	●	●	●	115VAC	•		•
MAXsa® 10 Controller and MAXsa® 22 Feed Head	Flextec® 650X, Power Wave® AC/DC 1000® SD	10-500 (0.25-12.7)	1/16-7/32 (1.6-5.6)	–			●	40VDC	•		•
MAXsa® 19 Controller and MAXsa® 29 Feed Head	Power Wave® AC/DC 1000® SD	10-500 (0.25-12.7)	1/16-7/32 (1.6-5.6)	–			●	40VDC	•		•

WELDER MODEL	OUTPUT			PROCESS							INPUT		FEATURES			
	Mode	Polarity	Current Range (Amps)	Stick	TIG	MIG	Pulsed	Flux-Cored	Submerged Arc	Arc Gouge	Phase	Hertz	Waveform Control Technology®	ArcLink® Digital Communication	Stackable	7-yr. Warranty (on Power Rectifier)
ANALOG																
Idealarc® DC600	CC/CV	DC	70-680	●	◒	◒		●	●	●	3	60			•	•
Idealarc® DC1000	CC/CV	DC	150-1300					●	●	●	3	60			•	•
Idealarc® DC1500	CC/CV	DC	200-1500					●	●	●	3	60				•
Idealarc® AC1200	CC/CV	AC	200-1500						●		1	60				•
DIGITAL																
Power Wave® AC/DC 1000® SD	CC/CV	AC/DC	100-1000						●		3	50/60	•	•		
Power Wave® S700	CC/CV	DC	20-900	●	●	●	●	●	●	●	3	50/60	•	•		
Power Wave® S700 CE	CC/CV	DC	20-900	●	●	●	●	●	●	●	3	50/60	•	•		
Flextec® 650X	CV	DC	40-815	●	◒	●		●	●	●	3	50/60		•		

KEY: ● Excellent ◒ Good ○ Optional

Flex Feed® 74 HT

High-Torque, High-Performance

- A heavy-duty industrial semiautomatic wire feeder for general and structural fabrication
- Select models include contactors to electrically isolate the gouging stud
- 2-step/4-step trigger interlock enhances operator comfort for longer welds
- Feed plate can be located on either right or left side of the weld drive housing for easy integration into any work center



Processes
- MIG
- Flux-Cored
- Hand-Held SAW
- Gouging (CAG) - with gouging option installed
- Submerged Arc

Output

Input

24-42 VAC 50/60 Hz

Literature
E8.203

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Wire Feed Speed Range : ipm (m/min)	Wire Size Range in (mm)	H x W x D in (mm)	Net Wt lb (kg)
Flex Feed® 74 HT w/Simple U/I, Heavy Duty Reel	K3883-11	24-42 VAC 50/60 Hz	600A/60% (wire drive only) 500A/60% (wire drive w/gouging kit) 600A/30% (gouging stud)	20 TOOTH[1] : 50-500 (1.3-12.7) 30 TOOTH : 50-700 (1.3-19.0)	GMAW: 0.025-3/32 (0.6-2.4) FCAW: 0.035-0.120 (0.9-3.0) GMAW: 0.025-1/16 (0.9-1.6) FCAW: 0.035-5/64 (0.9-2.0)	11.1 x 13.6 x 13.3 (294 x 345 x 337) wire drive only	36 (16.3)
w/Digital U/I, Heavy Duty Reel	K3883-12						
w/Simple U/I, Heavy Duty Reel, Gouge Kit	K3883-13						56 (25)
w/Digital U/I, Heavy Duty Reel, Gouge Kit	K3883-14						

[1]Installed from factory. NOTE: Other Bench Configurations available. See Literature.

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Flex Feed® 84

An Industrial Wire Feeder for High-Productivity, Heavy Fab Applications

- Designed especially for consistent feeding over long conduit runs and large diameter wires on up to 60 lb. spools
- Select models include contactors to electrically isolate the gouging stud
- Advanced MAXTRAC® cast aluminum wire drive system features patented tool-less drive roll and split wire guide design
- Configure for single, dual, bench or boom setups as your workspace changes



Processes
- MIG
- Flux-Cored
- Hand-Held SAW
- Gouging (CAG) - with gouging option installed
- Submerged Arc

Output

Input

42 VAC 50/60 Hz

Literature
E8.204.1

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Wire Feed Speed Range : ipm (m/min)	Wire Size Range: in (mm) Solid	Cored	H x W x D in (mm)	Net Wt lb (kg)
Flex Feed® 84 Single Head	K5000-2	24-42 VAC 50/60 Hz 10 amps	Wire Drive: 600A/60%	Standard Speed / Installed 20-Pinion Gear[1]: 35-500 (0.9-12.7)	0.025-3/32 (0.6-2.4)	0.035-0.120 (0.9-3.0)	16.5 x 15.5 x 28 (419 x 394 x 711)	56 (25.4)
w/Contactor and Gouge Stud, No Wire Reel Stand	K5000-3		Wire Drive with Contactors or Gouging: 500A/60%	Standard Speed / 30-Pinion Gear: 50-750 (1.3-19.0)	0.025-1/16 (0.9-1.6)	0.035-5/64 (0.9-2.0)		
			Gouging Stud: 600A/30%	High Speed / Installed 20-Pinion Gear: 50-750 (1.3-19.0)	0.025-1/16 (0.9-1.6)	0.035-5/64 (0.9-2.0)		
			Wire Drive w/Contactors: 500A/60%	High Speed / Installed 20-Pinion Gear: 50-1200 (1.3-30.4)	0.025-0.045 (0.9-1.1)	0.035-1/16 (0.9-1.6)		

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

[1]Installed from factory. NOTE: Other Bench and Boom configurations available. See literature.

LT-7 Tractor

Track Greater Submerged Arc Productivity

- A self-propelled mechanized wire feeder
- Calibrated tractor drive travels 6 to 70 ipm (0.12 to 127.0 m/min)
- Vertical head lift adjuster for adjusting electrical stick-out from 1/2 to 5 in. (12.7 - 127 mm)
- Control box can be mounted on either left or right, eliminating the need to return to the power source for routine procedure changes
- Welds horizontal fillets, lap and butt joints to the left or right side of the tractor frame for convenience



Processes
- Submerged Arc

Output

Input
115 VAC

Literature
E9.70

Product Name	Product Number	Input Power: Voltage	Rated Output: Current/Duty Cycle	Gearing	Wire Feed Speed Range: ipm (m/min)	Wire Size Range in (mm)	H x W x D in (mm)	Net Wt lb (kg)
LT-7 Tractor Base Model	K227-1	115 VAC 50/60 Hz	600A/100% 1100A/100% (w/water cooling)	NA	100-400 (2.5-10.2)	SOLID: 3/32-3/16 (2.4-4.8)	27.5 x 33 x 14 (698 x 838 x 356)	120 (54)
Track Model	K395-1							130 (59)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Cruiser™ Tractor

Rigid, Configurable and Quick

- For butt and fillet joints on plate welding common in bridge or barge decking, tank fabrication or shipbuilding
- Set up with or without a track and three or four wheel operation
- Strong, rigid and stiff where you need it most – frame, mast, clamps, wheels and outriggers
- Deposition rates up to 30 lbs. (13.6 kg) per hour



Processes
- Submerged Arc

Output

Input
40 VDC

Literature
E9.170 and E9.181

Product Name	Product Number	Input Power: Voltage	Rated Output: Current/Duty Cycle	Gearing	Wire Feed Speed Range: ipm (m/min)	Wire Size Range in (mm)	H x W x D in (mm)	Net Wt lb (kg)
Cruiser™ Tractor[1] Base Model	K3048-2	40 VDC	1000A/100%	142:1	15-200 (0.4-5.0)	SOLID: 3/32-7/32 (2.4-5.6)	29 x 23 x 36 (736 x 584 x 914)	207 (94)
				95:1[2]	15-300 (0.4-7.6)	1/16-1/8 (1.6-3.2)		
				57:1[2]	50-500 (1.3-12.7)	1/16-3/32 (1.6-2.4)		

[1]Travel Speed, in/min. (m/min) : 10-100 (0.25-2.5) [2]Optional Gearing

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

NA-3S Controller

DC Submerged Arc Control

- A controller for CC and CV applications specially designed to deposit more weld metal at fast travel speeds eliminating bottlenecks and cutting costs
- Delivers arc sensing or constant wire feed speed control with hot or cold starting for use with either constant current or constant voltage DC power sources
- Includes travel and Inch Up/Inch Down controls to aid set up
- Start and stop the welding cycle with the push of a button



Processes
- Flux-Cored
- Submerged Arc

Output

Input

115 VAC 50/60 Hz

Literature
E9.10

Product Name	Product Number	Input Power: Voltage	Rated Output: Current/Duty Cycle	Gearing	Wire Feed Speed Range: ipm (m/min)	Wire Size Range in (mm)	H x W x D in (mm)	Net Wt lb (kg)
NA-3S Controller	K210-2	115 VAC, 50/60 Hz	1500 A / 100%	NA	25-650 (0.6-16.5)	SOLID: 1/16-7/32 (0.8-5.6)	11.0 x 13.5 x 12.3 (279 x 343 x 312)	44 (20)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

NA-4 Controller

Battle Arc Blow with AC Multiple Arc Welding

- A self-propelled, modular travel carriage designed for use with the Power Wave® AC/DC 1000® SD
- Delivers arc sensing control with hot or cold starting for use with constant current AC power sources including AC-AC tandem arc and AC-AC-AC triple arc systems and single electrode submerged arc when arc blow limits the DC welding current and travel speeds
- Includes travel and Inch Up/Inch Down controls to aid set up
- Start and stop the welding cycle with the push of a button



Processes
- Flux-Cored
- Submerged Arc

Output

Input

115 VAC 50/60 Hz

Literature
E9.10

Product Name	Product Number	Input Power: Voltage	Rated Output: Current/Duty Cycle	Gearing	Wire Feed Speed Range: ipm (m/min)	Wire Size Range in (mm)	H x W x D in (mm)	Net Wt lb (kg)
NA-4 Controller	K388-2	115V, 50/60 Hz	1500A/100%	NA	25-650 (0.6-16.5)[1]	SOLID: 0.035 – 7/32 (0.9-5.6)	11.0 x 13.5 x 9.70 (279 x 343 x 246)	35 (16)

[1]Subject to arc voltage used

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

NA-3S/NA-4 and NA-3SF/NA-4F Wire Drives

Deposit More. Travel Faster.

- Handles wide range of wire diameters and produces a wide wire feed speed range
- Proven, rugged construction minimizes downtime and maintenance costs



Processes
- Flux-Cored
- Submerged Arc

Output

Input

115 VAC 50/60 Hz

Literature
E9.10

Product Name	Product Number	Input Power: Voltage	Rated Output: Current/Duty Cycle	Gearing	Wire Feed Speed Range: ipm (m/min)	Wire Size Range in (mm)	H x W x D in (mm)	Net Wt lb (kg)
NA-3S/NA-4 (142:1) Wire Drive	K208A	115 VAC	NA	K208A and K209A = 142:1 K208B and K209B = 95:1	15-290 (0.4-7.4)[1]	SOLID: 3/32-7/32 (2.4-5.6)	20 x 16.5 x 14.5 (508 x 419 x 368)	80 (36.3)
NA-3SF/NA-4F (142:1) Wire Drive	K209A						13.5 x 11 x 13.5 (343 x 279 x 343)	30 (13.6)
NA-3S/NA-4 (95:1) Wire Drive	K208B				22-425 (0.6-10.8)[1]	SOLID: 0.035-3/32 (0.9-2.4)	14.5 x 20 x 16 (368 x 508 x 406)	74 (33.6)
NA-3SF/NA-4F (95:1) Wire Drive	K209B						13.75 x 11.25 x 13.5 (349 x 285 x 343)	30 (13.6)

[1]Subject to arc voltage used

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

NA-5 Controller

Precise Mechanized Automation Control

- Digital display monitors preset or actual wire feed speed and voltage
- Includes timer controls for burnback, wire react time and weld cycle stop
- Includes travel and Inch Up/Inch Down controls to aid set up
- Start and stop the welding cycle with the push of a button



Processes
- Flux-Cored
- Submerged Arc

Output

Input

115 VAC 50/60 Hz

Literature
E9.30

Product Name	Product Number	Input Power: Voltage	Rated Output: Current/Duty Cycle	Gearing	Wire Feed Speed Range: ipm (m/min)	Wire Size Range in (mm)	H x W x D in (mm)	Net Wt lb (kg)
NA-5 Controller	K356-2	115 VAC 50/60 Hz	1500A /100%	NA	25-775 (0.6-19.7)	SOLID: 0.035-7/32 (0.9-5.6)	12.75 x 18.5 x 22.25 (324 x 470 x 565)	41 (18.6)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

NA-5S and NA-5SF Wire Feed Head

Superior Mechanized Submerged Arc Wire Feeding

- Choose with or without control box, wire reel, brake and flux hopper
- Handles wide range of wire diameters and produces a wide wire feed speed range
- Proven, rugged construction minimizes downtime and maintenance costs



Processes
- Flux-Cored
- Submerged Arc

Output

Input

115 VAC 50/60 Hz

Literature
E9.30

Product Name	Product Number	Input Power: Voltage	Rated Output: Current/Duty Cycle	Gearing	Wire Feed Speed Range: ipm (m/min)	Wire Size Range in (mm)	H x W x D in (mm)	Net Wt lb (kg)
NA-5S Head	K346A	115 VAC, 50/60 Hz	NA	K346A and K347A = 142:1 K346B and K347B = 95:1	15-290 (0.4-7.4)	SOLID: 3/32-7/32 (2.4-5.6)	NA	80 (36.3)
NA-5SF Head	K347A							38 (17.24)
NA-5S Head	K346B				22-425 (0.6-10.8)	SOLID: 1/16-3/32 (1.6-2.4)		80 (36.3)
NA-5SF Head	K347B							38 (17.24)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

MAXsa® 10 Controller

Severe Duty. Digital Ready.

- ArcLink® enabled controller for Power Wave® AC/DC 1000® SD systems
- Waveform Control Technology® enables the user to choose from a library of pre-programmed modes
- Eight procedure memories enable the user to pre-set and save optimal welding parameters
- Hand-held pendant allows operation from 4-100 ft. (1.2-30.5 m) with an ArcLink® extension cable
- IP23 rated for operation in harsh environments
- Easy PLC interfacing to control fixture travel, timers and other system commands



Processes
- Submerged Arc

Output
40 VDC

Input
40 VDC

Literature
E9.181

Product Name	Product Number	Input Power: Voltage	Rated Output: Current/Duty Cycle	Gearing	Wire Feed Speed Range: ipm (m/min)	Wire Size Range in (mm)	H x W x D in (mm)	Net Wt lb (kg)
MAXsa® 10 Controller	K2814-4	40 VDC	Determined by wire feeder configuration				15 x 13 x 4 (381 x 259 x 102)	25 (11.3)

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

MAXsa® 22 Feed Head

Drive Large Diameter Submerged Arc Wires

- Designed specifically for hard automation applications of large diameter wires
- Rotational feed head adjustment in two planes allows flexible, accurate setup for fixturing or arc locating. Optional horizontal and vertical lift adjuster enables additional positioning flexibility
- Can be used in single, tandem, Twinarc® or multiple arc applications
- IP23 rated for harsh environments



Processes
- Submerged Arc

Output

Input
40 VDC

Literature
E9.181

Product Name	Product Number	Input Power: Voltage	Rated Output: Current/Duty Cycle	Gearing	Wire Feed Speed Range: ipm (m/min)	Wire Size Range in (mm)	H x W x D in (mm)	Net Wt lb (kg)
MAXsa® 22 Feed Head (includes Flux Hopper)	K2370-2	40 VDC	1000A/100%	142:1[1]	15-200 (0.4-5.0)	SOLID: 3/32-7/32 (2.4-5.6)	12 x 14 x 10 (305 x 355 x 254)	80 (36.3)
				95:1	15-300 (0.4-7.6)	1/16-1/8 (1.6-3.2)		
				57:1	50-500 (1.3-12.7)	1/16-3/32 (1.6-2.4)		

[1]142:1 gear box is standard. Conversion Kit supplied for conversion to 95:1 with Wire Drive (K2370-3, K2312-3, or K2311-1)

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

MAXsa® 19 and MAXsa® 19 MSA Controllers

Integrator-Ready Submerged Arc Control

- Specifically designed to relay wire feed commands to the MAXsa® 29 feed head when a customer-supplied user interface is used in place of the MAXsa® 10 controller
- I/O connector block for start/stop, forward/reverse feed and shutdown input interfacing with external accessories
- Status indicator aids diagnostic system troubleshooting
- IP23 rated to withstand harsh environments



Processes
- Submerged Arc

Output
40 VDC

Input
40 VDC

Literature
E9.181

Product Name	Product Number	Input Power: Voltage	Rated Output: Current/Duty Cycle	Gearing	Wire Feed Speed Range: ipm (m/min)	Wire Size Range in (mm)	H x W x D in (mm)	Net Wt lb (kg)
MAXsa® 19 Controller	K2626-4	40 VDC	1000A / 100%	Determined by wire feeder configuration			9 x 10.5 x 3 (229 x 267 x 76)	7 (3.2)
MAXsa® 19 MSA Controller	K3172-1							

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

MAXsa® 29 Feed Head

Ready for Integrator and Robotic Automation

- Intended for integrator solutions and robotic submerged arc applications using the Power Wave® AC/DC 1000® SD power source
- Closed loop speed control enables full control over starting, running and stopping wire feed speed
- Multi-axis rotational feed head adjustment in one plane allows flexible, accurate setup for fixturing
- IP23 rated to withstand harsh environments
- For use in single, tandem, Twinarc® or multiple arc applications



Processes
- Submerged Arc

Output

Input
40 VDC

Literature
E9.181

Product Name	Product Number	Input Power: Voltage	Rated Output: Current/Duty Cycle	Gearing	Wire Feed Speed Range: ipm (m/min)	Wire Size Range in (mm)	H x W x D in (mm)	Net Wt lb (kg)
MAXsa® 29 Feed Head	K2312-2	40 VDC	1000A/100%	142:1[1]	15-200 (0.4-5.0)	SOLID: 3/32-7/32 (2.4-5.6)	13 x 16 x 10 (330 x 406 x 254)	35 (15.9)
				95:1	15-300 (0.4-7.6)	1/16-1/8 (1.6-3.2)		
				57:1	50-500 (1.3-12.7)	1/16-3/32 (1.6-2.4)		

[1]142:1 gear box is standard. Conversion Kit supplied for conversion to 95:1 with Wire Drive (K2370-3, K2312-3, or K2311-1)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Idealarc® DC600

Industrial DC Multi-Process Welders

- Traditional transformer designed power source provides high quality weld for heavy duty welding
- Full range output voltage control provides easy operation and precise control
- Circuitry protected against moisture and corrosive environments
- Seven-year warranty on power rectifier



Processes
- Stick
- DC TIG
- MIG
- Flux-Cored
- Submerged Arc
- Gouging

Output

CC CV | DC

Input

3 PHASE | 60 Hz | 50 Hz

Literature
E5.40

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Idealarc® DC600[1] Base Models	K1288-22	230/460/575/3/60	600A/44V/100% 680A/44V/60%	108/54/43.2A	CV: 70A/13V - 780A/44V CC: 90A/24V - 780A/44V	30.7 x 22.2 x 39 (781 x 565 x 965)	522 (237)

[1]50 Hertz models also available

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Flextec® 650X

Multi-Process Power for Heavy-Duty Applications

- Supports the CV-Subarc process for both 42V and 115V submerged arc feeders
- Compatible with most Lincoln Electric feeders including portable across-the-arc, CrossLinc®, ArcLink® and common bench or boom models
- Engineered for outdoor use and harsh environments (IP23 rated)
- Substantial gouging capability with up to a 1/2 in. (12.7 mm) carbon
- 5-Year Warranty



Processes
- Stick
- DC TIG
- MIG
- Flux-Cored
- Arc Gouging
- Submerged Arc

Output

CC CV | DC | Arc Gouging

Input

3 PHASE | 50/60 Hz

Literature
E5.96

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Flextec® 650X Base Model	K3425-1	380/460/575/3/50/60	750/44/60%[1] 650/44/100%[1]	61/50/40A 57/47/38A	40-815A	21.8 x 16.1 x 29.3 (554 x 409 x 744)	165 (75)
w/CrossLinc™ / LF-74 Ready-Pak®	K3512-1				10-815A		510 (231.3)
LF-74 HD One-Pak®	K3513-1						224 (101.6)
w/CrossLinc™ Flex Feed® 84 One-Pak®	K3514-1						235 (106.6)

[1]Output is limited to 600A/100% and 700A/60% when used with the K3091.1 Multi-Process Switch

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Idealarc® DC1000

Rugged Construction. Simple Controls.

- Full range output control provides easy operation and precise arc control
- Terminal strip and output studs accommodate remote connections and cable
- Low profile case allows installation under a workbench and for stacking up to two machines to conserve floor space
- Internal components are coated to protect against moisture and corrosion; removable side panels allow easy access to internal parts
- Seven-year warranty on power rectifier



Processes
- Flux-Cored
- Submerged Arc
- Gouging
- MIG

Output

CC CV | DC

Input

3 PHASE | 60 Hz | 50/60 Hz

Literature
E5.50

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Idealarc® DC1000[1] Base Models	K1386-3	230/460/3/60	1000A/44V/100%	193/96.5A	16-46V 150-1300A	30.7 x 22.5 x 39 (781 x 572 x 991)	821 (372)
	K1386-4	575/3/60		77.2A			
Idealarc® DC-1000 Multi-Process Welder (CE)	K1387-14	380/440/3/50/60		112/96.5A			

[1]50 Hertz models also available

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Idealarc® DC-1500 Subarc Welder

Plenty of Power for Mechanized Automation

- A multi-process DC arc welding power source for automatic welding applications
- Mode switch selects the desired output characteristics for the process being used
- Internal components protected against moisture and corrosive environments
- Terminal strip and output studs allow for remote connections and cable
- Produces outstanding arc characteristics on both constant voltage and constant current processes
- Seven-year warranty on power rectifier



Processes
- Flux-Cored
- Submerged Arc
- Gouging

Output

CC CV | DC

Input

3 PHASE | 60 Hz | 50 Hz

Literature
E5.60

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Idealarc® DC-1500[1] Base Model	K1275	460/3/60	1500A/44V/100% 1500A/60V/100%	184A	200-1500A 20-60V	57.2 x 22.3 x 38 (1453 x 566 x 965)	1420 (644)

[1]50 Hertz models also available

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Idealarc® AC1200 Subarc Welder

AC Large Wire Diameter Welding

- Controls adjust output settings while welding or at idle
- Internal components protected against moisture and corrosive environments
- Includes Scott® connection taps for two AC welding heads operating in tandem
- Specifically designed for submerged arc welding with the NA-4 wire feeder and control on AC-AC tandem arc and AC-AC-AC triple arc systems and single electrode submerged arc when arc blow limits the DC welding current and travel speeds
- Seven-year warranty on power rectifier



Processes
- Submerged Arc

Output

CC AC

Input

1 PHASE 50/60 Hz 60 Hz

Literature
E5.70

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Idealarc® AC1200	K3140-2	380/415/440/460[2]/1/50/60	1200A/44V/100%	230/201/190/182A	50/60 HZ: 240-1500A 30-44V 60 HZ: 200-1500A 28-44V	62.2 x 22 x 38 (1580 x 559 x 965)	1636 (742)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Power Wave® S700

Flexible Configuration. Endless Possibilities.

- Advanced process welders are for high duty cycle applications including heavy equipment, fabrication, or high-output automated environments
- The ideal power source for high amperage, high duty cycle applications
- A wide output range (20-900A) delivers maximum performance
- Embedded Waveform Control Technology® delivers the ideal arc for any application



Processes
- Stick
- TIG, MIG
- Pulsed MIG
- Flux-Cored
- SAW, Tandem MIG®
- Carbon Arc Gouging
- HyperFill™

Output

CC CV DC

Input

3 PHASE 50/60 Hz

Literature
E5.120

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Power Wave® S700	K3279-1	380-415, 440-460, 500, 575/3/50, 60	700A/44V/100% (900A/44V/60%	55A/46A/42A/38A (74A/60A/56A/49A)	20-900A	30.1 x 19.1 x 36.7 (765 x 485 x 932)	400 (181)
CE Model	K5372-1	380-415, 460-480, 500, 3/50, 60		55A/46A/42A (74A/60A/54AA)			365 (165)

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Power Wave® AC/DC 1000® SD

Speed. Quality. Efficiency.

- Delivers Waveform Control Technology® to submerged arc welding
- Choose constant current or constant voltage operation, and set variable frequency and amplitude
- Software-driven AC, DC positive or DC negative output allows for advanced control over deposition rate and penetration
- Eliminate downtime - easy polarity switching requires no hardware reconfiguration
- 3-phase voltage input eliminates the imbalance associated with transformer-based AC welding machines



Processes
- DC+ Submerged Arc
- DC- Submerged Arc
- Balanced AC Submerged Arc
- Variable AC Submerged Arc

Output

CC CV | AC DC

Input

3 PHASE | 50/60 Hz

Literature
E9.181

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
Power Wave® AC/DC 1000® SD[1]	K2803-1	380/400/460/500/ 575/3/50/60	1000A/44V/100%	82/79/69/62/55A	100-1000A	49.2 x 19.2 x 46.2 (1250 x 488 x 1174)	800 (363)

[1]Filter is required to meet CE conducted emission requirements. The K2444-3 must be used with the K2803-2

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

Flex Feed® 74 HT

Required Accessories for all models

- Drive Roll and Guide Tube Kits
- Control Cable, 10 ft. (3.0 m) and Adapters
- Weld Power Cable
- Coaxial Weld Power Cables

Simple UI, HD Reel (K3883-11)

- Wire Reel Stand - Heavy Duty (K3343-1)
- Flex Feed® 74 HT - Simple U/I, No Reel (K3883-1)
- Inlet Bushing, Quick Connect Style (K3929-1)
- Control Cable Extension - Male 14 pin to Female 14 pin - 10 ft. (3 m) (K1797-10)

Digital UI, HD Reel (K3883-12)

- Wire Reel Stand - Heavy Duty (K3343-1)
- Flex Feed® 74 HT - Digital U/I, No Reel (K3883-2)
- Inlet Bushing, Quick Connect Style (K3929-1)
- Control Cable Extension - Male 14 pin to Female 14 pin - 10 ft. (3 m) (K1797-10)

Simple UI, HD Reel, Gouge Kit (K3883-13)

- Basic User Interface without Meters
- Control Cable Extension - Male 14 pin to Female 14 pin - 10 ft. (3 m) (K1797-10)
- Inlet Bushing, Quick Connect Style (K3929-1)
- Wire Reel Stand - Heavy Duty (K3343-1)
- Flex Feed® 74 HT - Simple U/I, No Reel (K3883-1)

Digital UI, HD Reel, Gouge Kit (K3883-14)

- Gouge Kit
- Wire Reel Stand - Heavy Duty (K3343-1)
- Inlet Bushing, Quick Connect Style (K3929-1)
- Control Cable Extension - Male 14 pin to Female 14 pin - 10 ft. (3 m) (K1797-10)

Flex Feed® 84

Required Accessories for all models

- Drive Roll Kits (KP1505-xxxx Solid and/or Cored Wires and KP1507-xxxx Aluminum Wires)
- Control Cable (K1797-xx)
- Gun Adapter Kits
- Weld Power Cable

Single Bench with Heavy-Duty Reel Stand Model (K5000-2)

- Heavy-Duty Wire Reel Stand
- Incoming Ball Bearing Bushing for Lincoln® Conduit (K1551-2)
- Control Cable Extension - Male 14 pin to Female 14 pin - 10 ft. (3 m) (K1797-10)
- Gun Adapter Kit, Standard (K3345-1)

LT-7 Tractor

Standard Model (K227-1)

- Nozzle Assembly
- Weld Power Cable
- Control Cable, 25 ft. (7.6 m) (K1822-25)

Track Model (K395-1)

- Nozzle Assembly
- Weld Power Cable
- Control Cable, 25 ft. (7.6 m) (K1822-25)

Cruiser™ Tractor

Required Accessories

- ArcLink® Control Cable
- Track Section

Cruiser® Tractor (K3048-1)

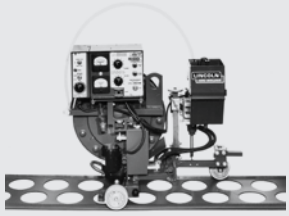
- Conduit Tubing, 5 ft. (1.5 m)
- 5/32 in. (4.0 mm), 600 Amp Contact Nozzle Assembly
- 5/32 in. (4.0 mm) Contact Tip
- Nozzle Extension, 5 in. (127 mm)
- Curved Nozzle Extension, 45°
- Nozzle Extension Insulator
- Flux Tubing and Hose Clamps
- Wire Reel Assembly
- Wheels for Track Operation
- Front and Rear Outriggers
- Enclosed Wire Reel (2 for Tandem) (NOTE: Does not include a Control Cable)
- Wire Straightener (2 for Tandem) (K1733-5)
- Cross Slide Assembly (2 for Tandem)



Shown:
Flex Feed® 74HT Simple U/I, Heavy-Duty Reel, Gouge Kit



Shown:
Flex Feed® 84 with Heavy-Duty Reel Stand



Shown:
LT-7 Tractor Track Model

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

NA-3S Controller (K210-2) and NA-4 Controller (K388-2)

Required Accessories

- Nozzle Assembly
- Control Cable and Adapter
- Weld Power Cable
- Power Source
- Wire Reel(s) and Mounting

Included:

- Drive Roll and Guide Tube Kit
- 10 ft. (3.1 m) Control Cable

NA-5 Controller (K356-2)

Required Accessories

- Nozzle Assembly
- Control Cable and Adapter
- Weld Power Cable
- Power Source
- Wire Reel(s) and Mounting
- Drive Roll and Guide Tube Kit

Included:

- Drive Roll and Guide Tube Kit
- 10 ft. (3.1 m) Control Cable
- Wire Straightener with Each Head

Flextec® 650X

Base Model (K3425-1)

- Flextec® 650X Multi-Process Welder with CrossLinc™ Technology (K3425-1)
- Locking Foot Kit

w/CrossLinc™ / LF-74 Ready-Pak®(K3512-1)

- Flextec® 650X Multi-Process Welder with CrossLinc™ Technology (K3425-1)
- Work Lead - Lug & GC500 Ground Clamp (4/0, 600A, 60%) - 15 ft. (15.3 m) (K2149-1)
- Control Cable Extension - Male 14 pin to Female 14 pin - 10 ft. (3 m) (K1797-10)
- Drive Roll Kit 1/16 in. (1.6 mm) Cored Wire (KP1505-1/16C)
- Cart for Inverter and Wire Feeder (K3059-4)
- Weld Power Cable - Lug to Lug (3/0, 600A, 60%) - 10 ft. (3 m) (K1842-10)
- Cable Liner 0.052-1/16 in. (1.3-1.6 mm) 15 ft. (4.6 m) (KP44-116-15)
- Drive Roll 0.035, 0.045 in. (0.9, 1.2 mm), Solid Wire (KP1505-1)
- Connector Kit - LF-72-74, LN-25® Pro, Power Feed® 25M (K466-10)
- Magnum® PRO Curve™ 400 Welding Guns (K2952-2)
- LF-74 Wire Feeder, Bench Model, Heavy Duty (K2426-5)
- Model 355-2Ar-58010 Flowmeter Regulator Shielding Gas Kit (3100211)

Flextec® 650X Multi-Process Welder w/CrossLinc™ / LF-74 HD One-Pak® (K3513-1)

- Flextec® 650X Multi-Process Welder with CrossLinc™ Technology (K3425-1)
- Work Lead - Lug & GC500 Ground Clamp (4/0, 600A, 60%) - 15 ft. (15.3 m) (K2149-1)
- Control Cable Extension - Male 14 pin to Female 14 pin - 10 ft. (3 m) (K1797-10)
- Drive Roll Kit 1/16 in. (1.6 mm) Cored Wire (KP1505-1/16C)
- Weld Power Cable - Lug to Lug (3/0, 600A, 60%) - 10 ft. (3 m) (K1842-10)
- Cable Liner 0.052-1/16 in. (1.3-1.6 mm) 15 ft. (4.6 m) (KP44-116-15)
- Drive Roll Kit, 0.035, 0.045 in. (0.9, 1.2 mm), Solid Wire (KP1505-1)
- Connector Kit - LF-72-74, LN-25® Pro, Power Feed® 25M (K466-10)
- Magnum® PRO Curve™ 400 Welding Guns (K2952-2)



Shown:
Cruiser® Tractor



Shown:
Flextec® 650X Multi-Process Welder w/CrossLinc™ / LF-74 Ready-Pak®

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

Flextec® 650X Multi-Process Welder w/CrossLinc™ / LF-74 HD One-Pak® Cont'd

- LF-74 Wire Feeder, Bench Model, Heavy Duty (K2426-5)
- Model 355-2Ar-58010 Flowmeter Regulator Shielding Gas Kit (3100211)

Flextec® 650X Multi-Process Welder w/CrossLinc™ Flex Feed® 84 One-Pak® (K3514-1)

- Flextec® 650X Multi-Process Welder with CrossLinc™ Technology (K3425-1)
- Work Lead - Lug & GC500 Ground Clamp (4/0, 600A, 60%) - 15 ft. (4.6 m) (K2149-1)
- Drive Roll Kit 1/16 in. (1.6 mm) Cored Wire (KP1505-1/16C)
- Control Cable Extension - Male 14 pin to Female 14 pin - 10 ft. (3 m) (K1797-10)
- Weld Power Cable - Lug to Lug (3/0, 600A, 60%) - 10 ft. (3 m) (K1842-10)
- Cable Liner 0.052-1/16 in. (1.3-1.6 mm), 15 ft. (4.6 m) (KP44-116-15)
- Drive Roll Kit, 0.035, 0.045 in. (0.9, 1.2 mm), Solid Wire (KP1505-1)
- Connector Kit - LF-72-74, LN-25® Pro, Power Feed® 25M (K466-10)
- Magnum® PRO Curve™ 400 Welding Guns (K2952-2)
- Model 355-2Ar-58010 Flowmeter Regulator Shielding Gas Kit (3100211)
- Flex Feed® 84 Single Bench with Heavy-Duty Wire Reel Stand (K5000-2)



Shown:
Flextec® 650X Flex Feed® 84 One-Pak®(K3514-1)

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Accessories

Product Name	Product No.	Flex Feed® 74HT	Flex Feed® 84	LT-7 Tractor		Cruiser™ Tractor	NA-3S Controller	NA-4 Controls & Heads	NA-5 Controls & Heads	MAXsa® Controllers and Feed Heads	Idealarc® DC600	Flextec® 650X	Idealarc® DC1000		Idealarc® DC1500	Idealarc® AC1200	Power Wave® AC/DC 1000® SD
		Simple U/I, Heavy Duty	Single Bench, Heavy Duty	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model
		K3883-11	K5000-2	K227-1	K395-1	K3048-2	K210-2	various model #s	various model #s	various model #s	K1288-22	K3425-1	K1386-3	K1386-4	K1275	K3140-2	K2803-1
GENERAL																	
Drive Roll and Guide Tube Kits[1]	–	●	●	●	●		●	●	●								
Control Cables and Adapters[1]	–	●	●	●	●		●	●	●								●
Weld Power Cables[1]	–	●	●	●	●	●	●	●	●	●							
Contact Nozzle Assembly for 3/32, 1/8 and 5/32 in. (2.4, 3.2 and 4.0 mm) Wire	K231-1			●	●		●	●	●	●							
Positive Contact Nozzle Assembly for 3/32-1/8 in. (2.4-3.2 mm) Wire	K148A			●	●		●	●	●	●							
Positive Contact Nozzle Assembly for 5/32-3/16 in. (4.0-4.8 mm) Wire	K148B			●	●		●	●	●	●							
Wire Reel and Flux Tank Assembly	K305	●	●														
Heavy-Duty Process Sense Lead, 50 ft. (15.2 m)	K1811-50																●
Heavy-Duty Process Sense Lead, 100 ft. (30.5 m)	K1811-100																●
Robotic Cable Adapter, 14-Pin to 22-Pin, 18 in. (457 mm)	K1805-1																●
50-60 lb. (22.4-27.2 kg) Coil Adapter, 2 in. (50.8 mm) Spindle	K1504-1	●	●			●											
Plastic Wire Cover, up to 60 lbs. (27.2 kg)	K1634-2	●	●														
Undercarriage	K163-1	●	●														
Portable Digital Wire Feed Speed Meter	K283-1	●	●														
LT-7 Drive Roll 0.052-1/16 in. (1.3 - 1.6 mm) (2 required)	KP2268-1			●	●												
LT-7 Drive Roll 0.068-3/32 in. (1.7 - 2.4 mm) (2 required)	KP2268-2			●	●												
LT-7 Drive Roll 3/32-3/16 in. (2.7 - 4.7 mm) (2 required)	KP2268-3			●	●												
LT-7 Drive Roll 0.045-0.052 in. (1.2 - 1.3 mm) (2 required)	KP2268-4			●	●												
Drive Roll Center 5/64-3/32 in. (2.0 - 2.4 mm) Tiny Twin	KP1890-1			●	●												
Drive Roll Side 5/64-3/32 in. (2.0 - 2.4 mm) Tiny Twin	KP1890-2			●	●												
Guide Tube Assembly 0.068-3/16 in. (1.7 - 4.8 mm) Incoming	KP1984-1			●	●												
Guide Tube 3/32-3/16 in. (2.4 - 4.8 mm) Outgoing	KP1985-1			●	●												
Guide Tube Outgoing Tiny Twinarc®	KP1986-1			●	●												
Guide Tube Incoming Tiny Twin Tractor	KP2127-1			●	●		●	●									
Control to Head Cable Extension, 26 ft. (7.9 m)	K335-26								●								
Control to Head Cable Extension, 46 ft. (14.0 m)	K338-46								●								
Linc-Fill Long Stickout Extension	K149-5/32			●	●		●	●	●	●							
Nozzle Extension, 5 in. (127 mm)	KP2721-1								●	●							
Nozzle Extension, 45° Curved	KP2721-2					●				●							

[1]See charts in Drive and Cable Accessories Section for more details

● Required ● Optional

Accessories

Product Name	Product No.	Flex Feed® 74HT	Flex Feed® 84	LT-7 Tractor		Cruiser™ Tractor	NA-3S Controller	NA-4 Controls & Heads	NA-5 Controls & Heads	MAXsa® Controllers and Feed Heads	Idealarc® DC600	Flextec® 650X	Idealarc® DC1000		Idealarc® DC1500	Idealarc® AC1200	Power Wave® AC/DC 1000™ SD
		Simple U/I, Heavy Duty	Single Bench, Heavy Duty	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model
		K3883-11	K5000-2	K227-1	K395-1	K3048-2	K210-2	various model #s	various model #s	various model #s	K1288-22	K3425-1	K1386-3	K1386-4	K1275	K3140-2	K2803-1
GENERAL, CON'T.																	
Horizontal Fillet and Lap Adapter Kit	K232			•	•												
Flat Fillet Adapter Kit	K229			•	•												
Butt Seam Guide Kit	K230			•	•												
Track Section, 70 in. (1.8 m)	K396			•	•	•											
Concentric Flux Cone Assembly	K285			•	•		•	•	•	•							
Tube and Clamp Kit	K3090-1					•											
Cross Slide Assembly	K3089-1					•											
Wire Straightener	K1733-5					•	•	•	•	•							
Tiny Twinarc® Solid Wire Straightener	K281						•	•	•	•							
Start Controls P.C. Board for Automatics	K221						•	•									
Butt Joint Guide	K3154-1					•											
Crater Fill Controls P.C. Board for Automatics	K245						•	•									
Horizontal Adjuster, 2 in. (50.8 mm)	K96						•	•	•	•							
Vertical Lift Adjuster, 4 in. (101.6 mm)	K29						•	•	•	•							
TC-3 Self-Propelled High Capacity Travel Carriage	K325HCS						•	•	•	•							
Automatic Flux Hopper Assembly	K219						•	•	•								
Wire Reel Assembly for 50-60 lb. (22.7-27.2 kg) Coils (without high frequency insulation)	K299			•	•		•	•	•	•							
Magnum® Narrow Gap Deep Groove Nozzle	K386						•	•	•	•							
Contact Jaw Assembly for 1/8-7/32 in. (3.2-5.6 mm) Wire	K226R						•	•	•	•							
Contact Tip - 3/32-3/8 in. (4 - 9.5 mm) 16 Thread	KP2108-1B1								•	•							
Contact Tip, 5/64 in. (2.0 mm), 3/8 in. (9.5 mm) 24 Thread	KP2082-2B1						•	•									
Liner Spring, 0.133 in. (3.4 mm) ID, 0.240 in. (6.1 mm) OD, 12.60 in. (320.0 mm)	KP2095-15								•	•							
Magnum® Contact Tip, Pressure Shoe Type, 1/16 in. (1.6 mm) wire diameter	KP1966-2B1								•	•							
Weld Power Cable, Lug to Lug 4/0, 35 ft. (10.7 m), qty. 2	K2163-35											•	•	•	•	•	•
Weld Power Cable, Lug to Lug 4/0, 60 ft. (18.3 m), qty. 2	K2163-60											•	•	•	•	•	•
Weld Power Cable, Lug to Lug 4/0, 600A, 60%, 110 ft. (33.5 m)	K1842-110											•	•	•	•	•	

● Optional

Accessories

Product Name	Product No.	Flex Feed® 74HT	Flex Feed® 84	LT-7 Tractor		Cruiser™ Tractor	NA-3S Controller	NA-4 Controls & Heads	NA-5 Controls & Heads	MAXsa® Controllers and Feed Heads	Idealarc® DC600	Flextec® 650X	Idealarc® DC1000		Idealarc® DC1500	Idealarc® AC1200	Power Wave® AC/DC 1000® SD
		Simple U/I, Heavy Duty	Single Bench, Heavy Duty	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model
		K3883-11	K5000-2	K227-1	K395-1	K3048-2	K210-2	various model #s	various model #s	various model #s	K1288-22	K3425-1	K1386-3	K1386-4	K1275	K3140-2	K2803-1
GENERAL, CON'T.																	
Severe Duty Contact Tip, 3/32 in. (2.4 mm)	KP1962-3B1					•	•	•		•							
Severe Duty Contact Tip, 1/8 in. (3.2 mm)	KP1962-1B1					•	•	•		•							
Severe Duty Contact Tip, 5/32 in. (4.0 mm)	KP1962-4B1					•	•	•		•							
Severe Duty Contact Tip, 3/16 in. (4.8 mm)	KP1962-2B1					•	•	•		•							
Severe Duty Contact Tip, 7/32 in. (5.6 mm)	KP1962-5B1					•	•	•		•							
Extended Life Contact Tip, 3/32 in. (2.4 mm)	KP3162-3B1					•	•	•		•							
Extended Life Contact Tip, 1/8 in. (3.2 mm)	KP3162-1B1					•	•	•		•							
Extended Life Contact Tip, 5/32 in. (4.0 mm)	KP3162-4B1					•	•	•		•							
Extended Life Contact Tip, 3/16 in. (4.8 mm)	KP3162-2B1					•	•	•		•							
Extended Life Contact Tip, 7/32 in. (5.6 mm)	KP3162-5B1					•	•	•		•							
Tiny Twinarc® Assembly for 1/16 in. (1.6 mm) Wire	K129-1/16						•	•	•	•							
Tiny Twinarc® Assembly for 5/64 in. (2.0 mm) Wire	K129-5/64						•	•	•	•							
Tiny Twinarc® Assembly for 3/32 in. (2.4 mm) Wire	K129-3/32						•	•	•	•							
Submerged Arc Twinarc® Nozzle for 5/64, 3/32 and 1/8 in. (2.0, 2.4 and 3.2 mm) Wire	K225						•	•	•	•							
Tandem Arc Framework Assembly	K387						•	•		•							
Tandem Arc Wire Reels and Mountings	K390						•	•		•							
Flux Hopper Assembly	K389						•	•		•							
Control to Head Cable Extension, 46 ft. (14.0 m)	K338-46								•								
Control to Head Cable Extension, 26 ft. (7.9 m)	K335-26								•								
Solenoid Kit	K223								•								
Spindle Adapter for Readi-Reels® and Spools	K162-1								•	•							
Start or Crater Module for NA-5 Control	K334								•								
Weld Timer Module - max time 9.99 sec.	K337-10								•								
Remote Interface Module	K336								•								
Automatic Flux Hopper Assembly	K219								•	•							
Mounting Bracket for TC-3	K2462-1									•							
Multi-Process Switch	K804-1										•						
Arc Tracker™	K3019-1										•	•	•	•			
Multi-Process Switch	K3091-1											•					
Paralleling Kit*	K1897-1										•		•	•			
Paralleling Kit*	K1611-1										•						

NOTE » *On Idealarc DC600, cannot be used with VRD models.

● Optional

Accessories

Product Name	Product No.	Flex Feed® 74HT	Flex Feed® 84	LT-7 Tractor		Cruiser™ Tractor	NA-3S Controller	NA-4 Controls & Heads	NA-5 Controls & Heads	MAXsa® Controllers and Feed Heads	Idealarc® DC600	Flextec® 650X	Idealarc® DC1000		Idealarc® DC1500	Idealarc® AC1200	Power Wave® AC/DC 1000® SD
		Simple U/I, Heavy Duty	Single Bench, Heavy Duty	Base Model		Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model
		K3883-11	K5000-2	K227-1	K395-1	K3048-2	K210-2	various model #s	various model #s	various model #s	K1288-22	K3425-1	K1386-3	K1386-4	K1275	K3140-2	K2803-1
GENERAL, CON'T.																	
Undercarriage - Hand Moving	K842										•						
Inverter and Wire Feeder Cart	K3059-4											•					
Factory Undercarriage	K1770-1												•	•			
42 Volt Transformer Kit	K1520-1												•	•			
Remote Output Control, 25 ft. (7.6 m), 6-pin	K857												•	•	•		
Remote Output Control, 100 ft. (30.5 m), 6-pin	K857-1												•	•	•		
Amptrol™ Adapter Kit	K843												•	•	•		
12-pin to 6-pin Adapter	K2909-1											•					
Remote Output Control, 25 ft. (7.6 m), 12-pin	K857-2											•					
Remote Output Control, 100 ft. (30.5 m), 12-pin	K857-3											•					
Adapter Cable, Female 14-pin Control Cable to Terminal Strip	K1798												•	•			
Paralleling Kit	K1900-1														•		
CE Filter for Flextec® 650X	K3129-1											•					
CE Filter	K2444-3																•
WIRE FEEDERS																	
Flex Feed® 74HT	K3883-11										•	•					
Flex Feed® 84	K5000-2										•	•					
LT-7	—										•	•	•	•	•		
Cruiser™ Tractor	K3048-2																•
NA-3S	K210-2										•	•	•	•	•		
NA-4	Various Models															•	
NA-5	Various Models										•	•	•	•	•		
MAXsa® Controllers	Various Models											•					•
POWER SOURCES																	
Vantage® 549X (Deutz®)	K3534-2	•	•	•	•		•										
Vantage® 566X (Deutz®)	K3239-3	•	•	•	•		•										
Idealarc® DC600	—	•	•	•	•		•		•								
Flextec® 650X	—	•	•	•	•		•		•	•							
Idealarc® DC1000	—	•	•	•	•		•		•								
Idealarc® DC1500	—		•	•	•		•		•								
Idealarc® AC1200	—							•									
Power Wave® AC/DC 1000® SD	—					•				•							
2-YEAR EXTENDED WARRANTY AVAILABLE	—	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

For more information on our Extended Warranty program, visit www.lincolnelectric.com/warranty

• Optional

NOTES



WELDING GEAR & TOOLS

VIKING™ HELMETS » Industrial Passive™ · 1740 Series · 1840 Series · 2450 Series · 3350 Series · 3250D FGS® · 2x4C Series Lenses · ArcSpecs™ Series · Powered Air Purifying Respirators (PAPR) · Half Mask Respirators · 2450 ADV Series · 3350 ADV Series · Replacement Helmet Shells · Replacement Parts & Accessories

APPAREL » Welding Gear Ready-Paks® · Gloves · Jackets / Shirts / Lab Coat / Apron / Sleeves · Caps/ Doo Rags / Beanies / Bibs · Safety Glasses/Goggles/Face Shield

RADIUS® TOOLS » Magnetic Fixtures & Hand Lifters · Bags/Backpacks · Wire Brushes · Hand Tools · Holders and Clamps · Curtains / Blankets · Rod Ovens · Welding Fluids · Arc Gouging Carbons

Personal Respiratory Products » Powered Air Purifying Respirators · Half Mask Respirators and Accessories · PAPR Replacement Parts and Accessories

VIKING™ Industrial Passive™

Low Cost, Low-Tech, High-Value Protection

- Matte black finish
- Ratchet headgear
- Meets ANSI Z87.1 and CSA Z94.3 Standards
- An affordable option for students
- Hard hat and magnifying "cheater" lens capable



Processes
- All

Order Number
- K3371-1
  Industrial Passive™

Literature
E14.507

Product Name	Fixed Shade	Magnifying "Cheater" Capable Lens	ViewSize in (mm)	Hard Hat Adapter Capable	Warranty	Net Wt oz (g)
VIKING™ Industrial Passive™	11	Yes	4 x 5 (102 x 127)	Yes	2 Years	19.8 (562)

VIKING™ 1740 Series

Feature Packed, Economically Priced Helmet

- 4C® Lens Technology, perfect 1/1/1/1 optical clarity and 6.3 sq. in. (16 sq. cm) auto-darkening viewing area
- Variable 9-13 shade, delay and sensitivity controls with grind mode and LED safety indicator
- Lightweight 18.6 oz. (527.3 g) design offers all day comfort
- Hard hat and magnifying "cheater" lens capable
- 5 Year Warranty



Processes
- All

Order Number
- K3282-4 Matte Black
- K3495-4 ReCode™
- K4375-4 Ignition™
- K5562-4 Game On
- K5241-4 Mossy Oak® Country DNA®

Literature
E14.506

Product Name	Lens Switching Speed	Variable Shade/ Control	Magnifying "Cheater" Capable Lens	Grind Mode Shade/ Control	Light Sensitivity Control	Delay Control Dark to Light (seconds)	Arc Sensors	TIG Amp Rating	Cartridge Size in (mm)	View Size in (mm)	Temp. Range °C (°F)	Net Wt oz (g)
VIKING™ 1740	1/25,000 seconds	9-13 / Internal	Yes	3/Internal	Variable	0.1-1.0 Fully Adjustable	2	AC/DC: ≥ 5 Amp	DINS: 4.33 x 3.54 (110 x 90)	3.78 x 1.67 (96 x 42.5)	Operating -10 to +55 (14 to 131) Storage: -20 to +70 (-4 to +158)	18.6 (528)

VIKING™ 1840 Digital Series

Superior Optics with External Shade & Grind



- 4C® Lens Technology, 1/1/1/1 optical clarity and 7.0 sq. in. (17.8 sq. cm) wide-screen viewing area
- 4-Point pivot headgear improves comfort and fit
- Convenient low-profile external shade & grind control increases productivity
- Hard hat and magnifying "cheater" lens capable
- Meets ANSI Z87.1 and CSA Z94.3
- 5 Year Warranty

Processes
- All

Order Number
- K3023-4 Black
- K3173-4 All American®
- K4175-4 Aztec™
- K5432-4 Tempered

Literature
E14.751

Product Name	Lens Switching Speed	Variable Shade/ Control	Battery Replacement Type	Magnifying "Cheater" Capable Lens	Grind Mode Shade/ Control	Light Sensitivity Control	Delay Control Dark to Light (seconds)	Arc Sensors	TIG Amp Rating	Cartridge/ View Size in (mm)	Temp. Range °C (°F)	Net Wt oz (g)
VIKING™ 1840	1/25,000 seconds	7-13 / Internal	CR2450 Replaceable Lithium Battery (Qty. 1)	Yes	3.5/External	Sensitivity	0.15 - 1.0 0.15 second increments Fully Adjustable	4	AC: > 5 amp DC: > 2 amp	**Cartridge DINS:** 5.25 x 4.50 (133 x 114) **View:** 3.78 x 1.85 (96 x 47)	**Operating:** -10 to +55 (14 to 131) **Storage:** -20 to +70 (-4 to +158)	19.5 [553]

VIKING™ 2450 Series

The Ideal Choice for the Journeyman Fabricator



- 4C® Lens Technology, 1/1/1/1 optical clarity and large 9.3 sq. in. (23.6 sq. cm) auto-darkening viewing area
- External low profile grind button increases productivity
- Innovative X6 Headgear® distributes weight, reduces pressure and optimizes balance for all day comfort
- 5 Year Warranty

Processes
- All

Order Number
- K3028-4 Black
- K3029-4 Heavy Metal®
- K3035-4 Street Rod®
- K3174-4 All American®
- K3099-4 Graveyard Shift®

Literature
E14.503

Product Name	Lens Switching Speed	Variable Shade/ Control	Battery Replacement Type	Magnifying "Cheater" Capable Lens	Grind Mode Shade/ Control	Light Sensitivity Control	Delay Control Dark to Light (seconds)	Arc Sensors	TIG Amp Rating	Cartridge/ View Size in (mm)	Temp. Range °C (°F)	Net Wt oz (g)
VIKING™ 2450	1/25,000 seconds	5-13 / Internal	CR2450 Replaceable Battery (Qty. 2)	Yes	2.5/External	Continuous	0.1-1.0 Fully Adjustable	4	AC: > 2 amp DC: > 2 amp	**Cartridge US:** 5.25 x 4.50 (133 x 114) **View:** 3.82 x 2.44 (97 x 62)	**Operating:** -10 to +55 (14 to 131) **Storage:** -20 to +70 (-4 to +158)	21 (595)

VIKING™ 2450 ADV LED Light Kit

Brighten Your Work Environment

- Illuminates work area for enhanced productivity, quality and safety
- Innovative, intelligent design; automatically turns on/off
- Separately powered; can be removed in seconds



Order Number
KP5245-1

VIKING™ 2450 ADV SERIES

Smart LED Light and Auto-Darkening Lens

- Modular LED light illuminates work area for enhanced productivity, quality and safety
- LED automatically turns off when an arc is struck and turns back on when the arc is extinguished
- 4C® lens technology, 1/1/1/1 optical clarity and 9.3 sq. in. (23.6 sq. cm) auto-darkening viewing area
- Simple, intuitive adjustments for precise and consistent performance
- X6 Headgear® distributes weight, reduces pressure and optimizes balance



Processes
- All

Order Number
- K3028-5 Black
- K3035-5 Street Rod®
- K4411-5 White Tail Camo™
- K3029-5 Heavy Metal®
- K3174-5 All American®
- K3099-5 Graveyard Shift®
- K5243-5 Intergalactic®

Literature
E14.511

Product Name	Lens Switching Speed	Variable Shade/ Control	Battery Replacement Type	Magnifying "Cheater" Capable Lens	Grind Mode Shade/ Control	Light Sensitivity Control	Delay Control Dark to Light (seconds)	Arc Sensors	TIG Amp Rating	Cartridge/ View Size in (mm)	Temp. Range °C (°F)	Net Wt oz (g)
VIKING™ 2450 ADV	1/25,000 seconds	5-13 / Internal	CR2450 Replaceable Battery (Qty. 2)	Yes	2.5 / Internal and External	9 Sensitivity Settings	0.1-0.25 Fully Adjustable	4	AC: > 2 amp DC: > 2 amp	**Cartridge US:** 5.25 x 4.50 (133 x 114) **View:** 3.82 x 2.44 (97 x 62)	-10 to +55 (14 to 131)	22 (639.5), 24 (680) w/LED Module

VIKING™ 3250D FGS®

The Single Helmet Solution



- 4C® Lens Technology broadens color range and hues with perfect 1/1/1/1 optical clarity
- 12.5 sq in. (31.8 sq. cm) auto-darkening, wide screen viewing area
- Integrated "Flip-Up" grind shield Increases field of view in both open and closed positions
- Increases productivity and enhances safety
- Hard hat compatible
- Comes with helmet bag, bandana, side window covers and extra cover lenses
- 5 year warranty

Processes
- All

Order Number
- K3540-3 Black

Literature
E14.508

Product Name	Lens Switching Speed	Variable Shade/ Control	Battery Replacement Type	Magnifying "Cheater" Capable Lens	Grind Mode Shade/ Control	Light Sensitivity Control	Delay Control Dark to Light (seconds)	Arc Sensors	TIG Amp Rating	View Size in (mm)	Temp. Range °C (°F)	Net Wt oz (g)
VIKING™ 3250D FGS®	1/25,000 seconds	5-13 / Internal	CR2450 Replaceable Battery (Qty. 2)	Yes	2.5 / Internal	Digital Display Control	0.0-1.0 Digital Adjustment	4	AC: > 2 amp DC: > 2 amp	2.95 x 4.25 (75 x 108)	**Operating:** -10 to +55 (+14 to +131) **Storage:** -20 to +70 (-4 to +158)	28 (793)

VIKING™ 3350 ADV Series

Proven Protection.
Game-Changing Performance.



- Modular LED light custom designed to improve productivity, quality and safety - LED automatically turns off when an arc is struck and turns back on when the arc is extinguished
- Innovative, user-friendly full color industrial display
- Auto-shade technology to dynamically adjust lens based on the arc and user preferences
- Three memory slots to save commonly used settings
- Bluetooth connectivity to the GearPoint™ App for usage reporting, how-to's and more
- 5 year warranty

Processes
- All

Order Number
- K3034-5 Black Helmet
- K5423-5 Mossy Oak® Country DNA®
- K3683-5 Daredevil™
- K3101-5 Mojo®
- K5756-5 Mythical™
- K3428-5 Steampunk®
- K4440-5 Hot Rodders™
- K4034-5 Code Red®
- K3248-5 Twisted Metal
- K5760-5 Graffiti™
- K5559-5 Star-Spangled®
- K5758-5 Jessi the Welder™
- K5134-5 Creative Spark®
- K4671-5 Medieval®
- K4158-5 Zombie
- K5754-5 Red Strike™

Literature
E14.512

Product Name	Lens Switching Speed	Variable Shade/ Control	Battery Replacement Type	Magnifying "Cheater" Capable Lens	Grind Mode Shade/ Control	Light Sensitivity Control	Delay Control Dark to Light (seconds)	Arc Sensors	TIG Amp Rating	Cartridge/ View Size in (mm)	Temp. Range °C (°F)	Net Wt oz (g)
VIKING™ 3350 ADV	1/25,000 seconds	5-13 / Internal, Digital	CR2450 Replaceable Battery (Qty. 2)	Yes	2.5 / Internal and External	9 Sensitivity Settings	0.1-1.0 Fully Adjustable	5	AC: > 2 amp DC: > 2 amp	**Cartridge US:** 4.50 x 5.25 x .36 (114 x 133 x 9) **View:** 3.74 x 3.15 (95 x 80)	-10 to +55 (14 to 131)	23.6 (669) 25 (712) with LED Module

VIKING™ 3350 Series

Defining a New Standard in Welding Helmets

- 4C® Lens Technology, 1/1/1/1 optical clarity and extra large 12.5 sq. in. (31.8 sq. cm) viewing area
- External low profile grind control button increases productivity and prevents accidental activation
- Innovative X6 Headgear® distributes weight, reduces pressure and optimizes balance for all day comfort
- Hard hat compatible
- 5 Year Warranty



Processes
- All

Order Number
- K3034-4 Black
- K4412-4 White Tail Camo™
- K4034-4 Code Red®
- K3616-4 Born To Weld™
- K4671-4 Medieval™
- K4158-4 Zombie™
- K3175-4 All American®
- K3248-4 Twisted Metal®
- K4440-4 Hot Rodders™
- K5134-4 Creative Spark™
- K3101-4 Mojo®
- K3428-4 Steampunk™
- K3683-4 Daredevil™
- K3100-4 Motorhead®

Literature
E14.502

Product Name	Lens Switching Speed	Variable Shade/ Control	Battery Replacement Type	Magnifying "Cheater" Capable Lens	Grind Mode Shade/ Control	Light Sensitivity Control	Delay Control Dark to Light (seconds)	Arc Sensors	TIG Amp Rating	Cartridge/ View Size in (mm)	Temp. Range °C (°F)	Net Wt oz (g)
VIKING™ 3350	1/25,000 seconds	5-13 / Internal	CR2450 Replaceable Battery (Qty. 1)	Yes	2.5/External	Continuous	0.1-1.0 Fully Adjustable	4	AC: > 2 Amp DC: > 2 Amp	**Cartridge US:** 5.25 x 4.50 (133 x 114) **View:** 3.74 x 3.34 (95 x 85)	**Operating:** -10 to +55 (14 to 131) **Storage:** -20 to +70 (-4 to +158)	21 (595)

VIKING™ 2x4C® Series

For Pipeline and Pancake Helmets

- 4C® Lens Technology eliminates imperfections and color saturation to create a clear view of the base material, arc and puddle while reducing eye strain
- Variable shade 8-13 and fixed shade 9, 10 & 11 models
- 2 year warranty



Variable Shade 8-13



Fixed Shade 9



Fixed Shade 10



Fixed Shade 11

Order Number
- KP3775-1 Variable Shade 8-13
- KP3777-1 Fixed Shade 9
- KP3778-1 Fixed Shade 10
- KP3779-1 Fixed Shade 11

Literature
E14.510

Product Name	Lens Technology	Optical Clarity	Inactive Shade	Active Shade	Power Supply	Light Sensitivity Control	Lens Switching Speed: sec.	Arc Sensors	TIG Amp Rating	Cartridge/ View Size in (mm)	Temp. Range °C (°F)	Warranty
2x4C Series Lenses												
Variable Shade	4C® Lens Technology	1/1/1/2	3	Variable 8-13	Solar Cell w/2 CR 1025 Replaceable Batteries	Adjustable	1/10,000	2	> 5 amp	**Cartridge US:** 4.25 x 2.0 x 0.32 (108 x 501 x 8) **View:** 3.63 x 1.38 (92 x 35)	**Operating:** -10 to +55 (14 to 131) **Storage:** -20 to +70 (-4 to +158)	2 Years
Fixed Shade 9				Fixed 9	Solar Cell	Fixed				**Cartridge US:** 4.25 x 2.0 x 0.20 (108 x 501 x 5) **View:** 3.63 x 1.38 (92 x 35)		
Fixed Shade 10				Fixed 10								
Fixed Shade 11				Fixed 11								

2x4C® Series Premium Glass Passive Lenses

For Pipeline and Pancake Helmets

- Lightweight and comfortable
- Designed to enhance the color and clarity of the actual weld
- Constructed from high-quality optical glass
- Provide superior performance and essential protection
- Shade range 9-11
- Compatible with most passive helmets that accept a 2 x 4.25 in. (5.08 x 10.8 cm) lens
- Meets ANSI Z87.1 & CSA Z94.3



Order Number
- KP5268-1 - Shade 9
- KP5268-2 - Shade 10
- KP5268-3 - Shade 11

ArcSpecs™ Auto-Darkening Goggles / and Headcovering

Unique Welding Helmet Alternative

- Exclusive 4C® Lens Technology
- Excellent for tight clearance environments like fabricating an automotive roll cage, pipeline or pressure vessel
- 5-13 shade range with grind mode for use in welding, plasma cutting and more
- Optional intelligent LED light module illuminates low light environments



Processes
- Stick
- TIG
- MIG
- FCAW
- Plasma Cutting
- Oxyfuel Cutting
- Grinding

Order Number
- K4643-1

Literature
E14.60

Product Name	Variable Shade/ Control	Grind Mode	Sensitivity & Delay Control	Arc Sensors	TIG Amp	Viewing Area	Power Supply	Temperature Range	Warranty	Net Wt oz (g)
ArcSpecs™ Auto-Darkening Goggles	5-13 / External Buttons	Yes; External Button	10 Sensitivity Settings and 0.1 - 1.0 Delay Range	4	Rating > 2 Amps	7.29 sq in (47 sq cm)	CR2450 Replaceable Battery	Operating: -10°C - +55°C (14°F - 131°F) Storage: -20°C - +70°C (-4°F - 158°F)	2 Years	11.8 (335)

OMNIShield® XC and XCF PAPR

Grinding, Brazing and Oxy-fuel Cutting

- Extended chin guard provides additional coverage for chin and neck
- Powered air purifying respirator filters out respirable dust and metal fume particles
- Multiple adjustment points and lightweight design for optimal fit, balance and function
- High density polycarbonate lens protects from high velocity impact and the anti-fog layer enhances visibility
- ANSI, CSA and NIOSH® Certified



Processes:
- Grinding
- Brazing
- Oxy-fuel Cutting

Order Number
- K5323-1 OMNIShield® XC PAPR w/Belt Mount
- K5323-2 OMNIShield® XC PAPR w/Back Pack Mount
- K5324-1 OMNIShield® XCF PAPR w/Belt Mount
- K5324-2 OMNIShield® XCF PAPR w/Back Pack

Literature
E14.509

Product Name	Product Number	Certification	Filter Type	Air Flows ipm (cfm)	Battery Life (hours)	Alarms	L x H x W in (mm)	Net Wt lb (kg)
OMNIShield® XC PAPR w/ Belt Mount	K5323-1	NIOSH 42 CFR Part 84	High Efficiency Particulate Air Filter (HEPA)	LOW SPEED: 180+ (6+) HIGH SPEED: 210+ (7.4+)	16 Hours (180 lpm)	Audible and Vibrate	29 - 52 (736 - 1321)	Blower 2.20 (0.99) (including battery, belt and filters)
OMNIShield® XC PAPR w/ Back Pack	K5323-2						12.6 x 17.7 x 14.6 (320 x 449 x 370.8)	
OMNIShield® XCF PAPR w/ Belt Mount	K5324-1						8 x 8.2 x 3 (203 x 208 x 76)	
OMNIShield® XCF PAPR w/ Back Pack	K5324-2							

VIKING™ 3350 Powered Air Purifying Respirator (PAPR)

Three Component High Efficiency Filter System

- 4C® Lens Technology
- Lightweight and comfortable
- Intelligent blower with LED display, audible & vibratory alerts, and automatic speed adjustments
- Excellent battery life provides a minimum of 8 hours and over 16 hours with the extended battery pack



Processes
- All

Order Number
- K3930-1

Literature
E14.744

Product Name	Certification	Classification	Filter Type	Air Flows ipm (cfm)	Battery Life (hours)	Alarms	Auto-Darkening Viewing Area in (mm)	Optical Clarity	Variable Shade Range	Net Wt lb (kg)	Warranty
VIKING™ 3350 PAPR	NIOSH 42 CFR Part 84	Loose Fitting Powered Air Purifying Respirator	High Efficiency Particulate Air Filter (HEPA)	LOW SPEED: 180+ (6+) HIGH SPEED: 210+ (7.4+)	STANDARD: Up to 9 EXTENDED: Over 16	Audible and Vibrate	3.74 x 3.34 (95 x 85)	1/1/1/1	5 -13	2.20 (1.0) (Includes battery, belt and filters)	BLOWER: 1 Year AUTO-DARKENING LENS: 5 Years

VIKING™ 3350 XG Powered Air Purifying Respirator (PAPR)

Three Component High Efficiency Filter System

- The VIKING™ 3350 XG PAPR features a smart blower system, a low profile external button to switch between weld / grind mode and an extra large 12.5 sq. inch (31.8 sq. cm) auto-darkening lens with our exclusive 4C® Lens Technology
- Excellent battery life provides a minimum of 8 hours and over 16 hours with the extended battery pack



Processes
- All

Order Number
- K3930-4 Standard Battery
- K3930-6 Extended Battery

Literature
E14.747

Product Name	Certification	Classification	Filter Type	Air Flows ipm (cfm)	Battery Life (hours)	Alarms	Auto-Darkening Viewing Area in (mm)	Optical Clarity	Variable Shade Range	Warranty
VIKING™ 3350 XG PAPR	NIOSH 42 CFR Part 84	Loose Fitting Powered Air Purifying Respirator	High Efficiency Particulate Air Filter (HEPA)	LOW SPEED: 180+ (6+) HIGH SPEED: 210+ (7.4+)	STANDARD: Up to 9 EXTENDED: Over 16	Audible and Vibrate	3.74 x 3.34 (95 x 85)	1/1/1/1	5 -13	BLOWER: 1 Year AUTO-DARKENING LENS: 5 Years

VIKING™ 3250D FGS® Powered Air Purifying Respirator (PAPR)

Optics, Field of View & Respiratory Protection

- 4C® Lens Technology
- Integrated "Flip-Up" grind shield expands field of view to increase productivity and enhance safety
- Intelligent blower with LED display, audible and vibratory alerts, and automatic speed adjustments
- Excellent battery life provides a minimum of 8 hours and over 16 hours with the extended battery pack



Processes
- All

Order Number
- K4550-1 Standard Battery
- K4550-3 Extended Battery
- K4550-4 Hard Hat w/ Standard Battery
- K4550-6 Hard Hat w/ Extended Battery

Literature
E14.749
E14.746

Product Name	Certification	Classification	Filter Type	Air Flows ipm (cfm)	Battery Life (hours)	Alarms	Auto-Darkening Viewing Area in (mm)	Optical Clarity	Variable Shade Range	Warranty
VIKING™ 3350 PAPR	NIOSH 42 CFR Part 84	Loose Fitting Powered Air Purifying Respirator	High Efficiency Particulate Air Filter (HEPA)	LOW SPEED: 180+ (6+) HIGH SPEED: 210+ (7.4+)	STANDARD: Up to 9 EXTENDED: Over 16	Audible and Vibrate	2.95 x 4.25 (75 x 108)	1/1/1/1	5 -13	BLOWER: 1 Year AUTO-DARKENING LENS: 5 Years

XLR™ P100 Half Mask Respirators

Low Profile, Long Filter Life

- Low profile design fits underneath most helmets or face shields
- Protective nylon cartridge shield filter from spatter
- Innovative filter design increases longevity
- NISOH approved



Processes
- All

Order Number
- K4683-S
- K4683-M
- K4683-L
- KP4684-2 Replacement Filter
- KP4684-2

Literature
E14.750

Respirator Approval	Classification	Assigned Protection Factor	Air-Purifying Type	Filter Class	Oil Resistance	Replaceable Filters	Number of Filters	Fit Test	Mask Sizes Offered
NIOSH 42 CFR 84	Elastomeric Half Mask	10 APF	Particulate Filtering	P100	Strongly Resistant to Oil	Yes	2	Mandatory Prior to Use	Small, Medium and Large

Men's Standard Welding Gear Ready-Pak®

Best Suited for Beginners, Hobbyists, and Introductory Education Courses

- VIKING™ 1740 Series auto darkening welding helmet provides superior 4C® Optics and comfort with 6.3 sq. in. (16 sq. cm) viewing area
- Flame retardant cotton jacket provides lightweight, comfortable upper body protection
- Traditional leather gloves offer versatile protection for welding and fabrication
- Includes essential tools for Stick, MIG and Flux-Cored welding processes



Order Number
K4416-M
K4416-L
K4416-XL
K4416-2XL
K4416-3XL

K3096-1
Replacement Industrial Duffel Bag

Literature
E14.002

Women's Standard Welding Gear Ready-Pak®

Best Suited for Beginners, Hobbyists, and Introductory Education Courses

- VIKING™ 1740 Series auto darkening welding helmet provides superior 4C® Optics and comfort with 6.3 sq. in. (16 sq. cm) viewing area
- Flame retardant cotton jacket provides lightweight, comfortable upper body protection
- Women's sized leather gloves designed for optimal performance and comfort in Stick, MIG and TIG applications
- Includes essential tools for Stick, MIG and Flux-Cored welding processes



Order Number
K4416-W-XS
K4416-W-S
K4416-W-M
K4416-W-L
K4416-W-XL

Literature
E14.002

Men's Intermediate Education Welding Gear Ready-Pak®

Best Suited for Career and Technical Education Programs, High Schools, Hobbyists and Professionals

- VIKING™ 1840 Series auto darkening welding helmet provides superior 4C® Optics and comfort with 7 sq. in. (17.8 sq. cm) viewing area
- Leather sleeved welding jacket provides enhanced upper body protection and improved durability
- Professional face shield provides full face impact protection for grinding applications
- Welders backpack improves storage organization, capacity and comfort and includes a secondary rear compartment for laptop, iPad and general storage
- Complete tool set for setup, welding and inspection



Order Number
K4595-M
K4595-L
K4595-XL
K4595-2XL
K4595-3XL

Literature
E14.002

Women's Intermediate Education Welding Gear Ready-Pak®

Best Suited for Career and Technical Education Programs, High Schools, Hobbyists and Professionals

- VIKING™ 1840 Series auto darkening welding helmet provides superior 4C® Optics and comfort with 7 sq. in. (17.8 sq. cm) viewing area
- Leather sleeved welding jacket provides enhanced upper body protection and improved durability
- Women's sized welding gloves designed for optimal performance and comfort in Stick, MIG and TIG applications
- Welders backpack improves storage organization, capacity and comfort
- Complete tool set for setup, welding and inspection



Order Number
K4595-W-XS
K4595-W-S
K4595-W-M
K4595-W-L
K4595-W-XL

Literature
E14.002

Men's Advanced Welding Gear Ready-Pak®

Best Suited for Professionals, Complete Hobbyists, Career and Technical Education Programs

- VIKING™ 3350 Series auto darkening welding helmet provides superior 4C® Optics and comfort with 7 sq. in. (17.8 sq. cm) viewing area. 5-year hassle-free warranty
- Leather sleeved welding jacket provides enhanced upper body protection and improved durability
- Complete set of welding gloves designed for optimal performance and comfort in Stick, MIG and TIG applications
- Industrial duffel bag has a 50+ lb. carrying capacity for storage of all PPE and tools



Order Number
K3699-M
K3699-L
K3699-XL
K3699-2XL
K3699-3XL

Literature
E14.002

Women's Advanced Welding Gear Ready-Pak®

Best Suited for Professionals, Complete Hobbyists, Career and Technical Education Programs

- VIKING™ 3350 Series auto darkening welding helmet provides superior 4C® Optics and comfort with 7 sq. in. (17.8 sq. cm) viewing area. 5-year hassle-free warranty
- Women's sized leather sleeved welding jacket provides enhanced upper body protection and improved durability
- Women's sized welding gloves designed for optimal performance and comfort in Stick, MIG and TIG applications
- Industrial duffel bag has a 50+ lb. carrying capacity for storage of all PPE and tools



Order Number
K3699-W-XS
K3699-W-S
K3699-W-M
K3699-W-L
K3699-W-XL

Literature
E14.002

Premium Welding Gear Ready-Pak®

Best Suited for Professionals, Complete Hobbyists, Career and Technical Education Programs

- VIKING™ 3350 ADV Series auto darkening welding helmet, our top-of-line helmet providing superior 4C® Optics, comfort and control with 7 sq. in. (17.8 sq. cm) viewing area. 5-year hassle-free warranty
- Premium leather sleeved welding jacket and arc rated long sleeve shirt provides enhanced upper body protection, increased comfort/fit and improved durability
- Complete set of welding gloves designed for optimal performance and comfort in Stick, MIG and TIG applications
- Includes a Welder's 2-in-1 Dufflepack for hauling a large capacity of welding project gear hands- free



Order Number
K3715-M
K3715-L
K3715-XL
K3715-2XL
K3715-3XL

Literature
E14.002

Industrial Duffel Bag

Performance, Durability and Versatility

- Tough 1680 Denier® fabric resists wear and abrasion
- Large 24 x 12 x 12 in. (61 x 30.5 x 30.5 cm) dimensions for carrying capacity of over 50 lbs. (22.7 kg)
- 3 exterior pockets for segmented storage



Order Number
K3096-1

Compact Industrial Tool Bag

Convenient and Space Saving

- One large zipper compartment
- Large opening for easy storage and access
- Features breathable, heavy-duty construction



Order Number
K4774-1

Welder's 2-in-1 Large Dufflepack

Passion Meets Lifestyle

- Large capacity for hauling lots of welding gear hands-free
- Attachable padded shoulder strap converts it to a duffel bag
- Constructed from tough military grade 1680 Denier® nylon
- 14 D x 24 L x 12.25 in. (35.6 x 61 x 31.1 cm) with 50 lb. (22.7 kg) weight rating



Order Number
K4799-1

Welders All-In-One Backpack

From the Classroom to the Worksite

- Military grade exterior 1680 Denier® fabric resists wear and abrasion
- Adjustable helmet mesh for streamlined storage of your welding helmet
- Large front load compartment with multiple pockets
- Secondary rear compartment for laptop, iPad and general storage



Order Number
K3740-1

Literature
E14.33

Mossy Oak® Country DNA™ Welders All-In-One Backpack

Passion Meets Lifestyle

- Military-grade exterior with capacity for 50 lbs. (22.7 kg) of gear
- Adjustable mesh for streamlined helmet storage
- Large compartment with multiple pockets for tools, PPE and consumable storage
- Secondary rear compartment for laptop, iPad and general storage



Order Number
K5273-1

Literature
MC22-75

Roll Cage™ Welding Rigging Gloves

Impact Protection, Cut Resistant

- Silicone knuckles protect fingers and back of the hand from impact and injury
- Extended cuffs protect the wrists and forearms from heat and sparks
- Palm padding reinforces high wear areas



Order Number
K3109-S
K3109-M
K3109-L
K3109-XL
K3109-2XL

Primary Processes:
MIG, Flux-Cored

Amperage Range: 50A - 400A

Literature
E14.745

Premium Leather MIG/Stick Welding Gloves

Crafted for Every-Day Duty

- Grain and split leather for comfort, dexterity, heat resistance and durability
- Leather palm reinforcements improve heat resistance and improve durability
- Flame retardant foam lining provides heat resistance



Order Number
K2980-M
K2980-L
K2980-XL

Primary Processes:
MIG, Flux-Cored

Amperage Range: 50A - 400A

Literature
E14.745

Premium 7 Series Stick/MIG Elkskin Welding Gloves

The Pipeliners' Standard

- Top grain pearl elkskin leather exterior
- Soft foam top hand cushion with unlined palm
- Designed to offer excellent dexterity, comfort and durability



Order Number
K4787-M
K4787-L
K4787-XL

Primary Processes:
Stick, Flux-Cored, Pulsed MIG

Amperage Range: 50A - 400A

Literature
E14.745

Premium 8 Series Stick/MIG Elkskin Welding Gloves

Comfortable Heavy Fab Protection

- Top grain gold elkskin exterior is naturally soft and flexible
- Multi-layer interior features a foam top hand liner and full knit cotton liner
- Designed to offer excellent heat resistance, comfort and durability



Order Number
K4788-M
K4788-L
K4788-XL

Primary Processes:
Stick, Flux-Cored, Pulsed MIG

Amperage Range: 50A - 600A

Literature
E14.745

Heavy Duty MIG/Stick Welding Gloves

Crafted for Every-Day Heavy Duty

- High quality leather provides excellent durability and abrasion protection
- Three layer design adds heat resistance, comfort and durability



Order Number
K4082-M
K4082-L
K4082-XL
K5132-2XL

Primary Processes:
Stick, Flux-Cored

Amperage Range: 50A - 500A

Literature
E14.745

Traditional MIG/Stick Leather Welding Gloves

Built to Protect, Built to Last

- One-size-fits-all
- Designed for comfort and durability
- Full leather outside construction protects from spatter, flames and sparks



Order Number
K2979-ALL

Primary Processes:
Stick, Flux-Cored

Amperage Range: 50A - 325A

Literature
E14.745

DynaMIG™ Traditional MIG Welding Gloves

Balanced Protection, Heat Resistance & Comfort

- Premium top grain and split cowhide exterior provides dynamic protection for a variety of welding applications
- Soft fleece cotton inside liner provides balanced heat resistance and comfort
- Sewn with 3x Kevlar® thread for maximum seam strength



Order Number
K3805-M
K3805-L
K3805-XL
K3805-2XL

Primary Processes:
MIG, Flux-Cored

Amperage Range: 1A - 300A

Literature
E14.745

DynaMIG™ Heavy Duty MIG Welding Gloves

Great Protection, Heat Resistance & Comfort

- Premium top grain and split cowhide exterior provides dynamic protection for high to low amperage welding applications
- Unique multi-layer inside liner optimizes heat resistance and comfort
- Soft and padded fleece cotton liners, flexible grain leather palm, seamless index finger and moisture absorbent cuff liner



Order Number
K3806-M
K3806-L
K3806-XL
K3806-2XL

Primary Processes:
MIG, Flux-Cored

Amperage Range: 50A - 400A

Literature
E14.745

MX Series TIG Welding Gloves

Premium Strength and Comfort

- Constructed of a suede back, a split leather cowhide gauntlet cuff, and a top grain leather cowhide thumb, forefinger, and palm
- Kevlar® stitching throughout the entire glove improves robustness
- Unlined palm improves dexterity and provides maximum range of motion



Order Number
K5132-M
K5132-L
K5132-XL
K5132-2XL

Primary Processes: TIG, Pulsed TIG

Amperage Range: 1A - 250A

Literature
E14.745

MX Series Premium A4 Cut Resistant MIG Gloves

Premium Strength and Comfort

- Constructed of Durahide® leather, providing exceptional dexterity, breathability and durability
- Fluid repellent and resistant to abrasion and fire
- Elastic wristband improves fit and comfort



Order Number
K5131-M
K5131-L
K5131-XL
K5131-2XL

Primary Processes: MIG, Pulsed MIG

Amperage Range: 50A – 350A

Literature
E14.745

Premium A6 Cut TIG Welding Gloves

Premium Strength and Comfort

- A blend of goatskin and cowhide provides cut, abrasion and conductivity resistance
- Optimal protection, dexterity and comfort for TIG welding applications
- ANSI A6 Cut rating provides top-notch cut protection for maximum safety



Order Number
K5536-M
K5536-L
K5536-XL
K5536-2XL

Primary Processes: TIG, Pulsed TIG

Amperage Range: 50A – 350A

Literature
E14.745

Leather TIG Welding Gloves

Precision Fit for Precision Welding

- Supple goatskin leather and split grain cow hide provide the form-fitting fit needed for TIG welding applications
- Heat-resistant gauntlet for wrist protection
- Welted thumb provides extra durability



Order Number
K2981-M
K2981-L
K2981-XL
K2981-XS
K2981-S

Primary Processes: TIG, Pulsed TIG

Amperage Range: 1A - 225A

Literature
E14.745

Premium Leather TIG Welding Gloves

Superior Dexterity with Unique Protection Elements

- Constructed of white top grain goatskin and black split cowhide for ultimate dexterity and comfort
- Knit cotton top hand liner and unlined bottom hand for balanced protection and feel
- Unique seam design and keystone thumb enhances hand flexibility and control



Order Number
K2983-M
K2983-L
K2983-XL

Primary Processes: TIG, Pulsed TIG

Amperage Range: 1A - 300A

Literature
E14.745

Heavy Duty Stick/MIG Welding Gloves

Large, Left Hand Only

- Premium black and tan split cowhide
- FlameSoft™ three-layer hand design combines premium cowhide, flame-retardant foam and soft flame-retardant cotton
- Continuous welting and 5-ply Kevlar® stitching to increase longevity



Order Number
K4082-M-LHO
K4082-L-LHO
K4082-XL-LHO

Primary Processes: Stick, Flux-Cored

Amperage Range: 50A – 500A

Literature
E14.745

Leather Drivers Gloves (Lined)

General Protection for Material Handling and Low Amp Applications

- Top grain leather palm and split cowhide top hand for balanced protection & comfort
- Full knit cotton liner provides heat resistance and protection
- Keystone thumb design improves ergonomics and comfort



Order Number
K3770-M
K3770-L
K3770-XL
K3770-2XL

Primary Processes: TIG, Pulsed TIG

Amperage Range: 1A - 225A

Literature
E14.745

Traditional Leather Drivers Gloves (Unlined)

General Protection for Material Handling and Low Amp Applications

- The glove measures 10 inches (25.4 cm) in length to improve clearance when used for material handling or with hand tools
- The unlined interior provides optimal touch, feel and dexterity



Order Number
K3769-M
K3769-L
K3769-XL
K3769-2XL

Primary Processes: Material Handling, Machine Operation

Amperage Range: 1A - 120A

Literature
E14.745

Cut Resistant A2 Drivers Gloves

Kevlar® Cut Resistant Liner

- 100% internally lined with knit Kevlar® to provide ANSI A2 cut performance for material handling and welding
- The ergonomic keystone thumb design improves fit and enhances flexibility
- Integrated elastic wrist improves fit and prevents unwanted movement



Order Number
K3771-M
K3771-L
K3771-XL
K3771-2XL

Primary Processes: TIG, Material Handling, Machine Operation

Amperage Range: 1A - 250A

Literature
E14.745

Heat-Resistant Welding Gloves

Be Cool, Be Comfortable

- Reflects 95% of radiant heat
- Made with multi-layered aluminized PFR rayon to reflect heat and keep the welder cool
- Unlined palm for increased control and reduced fatigue



Order Number
K2982-L
K2982-XL

Primary Processes: MIG

Amperage Range: 200A - 450A

Literature
E14.745

Full Leather SteelWorker® Gloves

Deliver Fit and Flexibility

- Designed for light welding or metalworking
- High quality split grain cowhide for excellent fit, feel and dexterity
- Light grain goatskin back allows glove to breathe
- Hook-and-loop wrist closure ensures a snug fit



Order Number
K2977-S
K2977-M
K2977-L
K2977-XL
K2977-2XL

Primary Processes: TIG, Pulsed TIG

Amperage Range: 1A - 250A

Literature
E14.745

Aluminized Fiberglass Hand Shield

Extra Protection

- Features two elastic straps which stretch over all Lincoln Electric welding gloves
- Recommended for high amperage semiautomatic welding applications
- Made of PFR rayon, Fiberglass and Split leather
- Provides an additional layer of protection against heat, splatter and sparks



Order Number
K4697-1

Traditional Split Leather-Sleeved Jacket

Minimum Weight, Maximum Durability

- Split cowhide sleeves resist spatter and wear and lightweight flame-retardant cloth keeps you cool
- Inside pocket and adjustable snap sleeves
- Good protection, economically priced



Order Number
K3106-XXS
K3106-XS
K3106-S
K3106-M
K3106-L
K3106-XL
K3106-2XL
K3106-3XL

XVI Series Industrial Flame Retardant Welding Jackets

Superior Durability & Comfort

- Innovative design provides superior comfort and durability
- Cushioned neck and wrists alleviate common pressure points
- Premium grey 16 oz. flame-retardant material at high wear areas improves heat resistance and longevity



Order Number
K4931-M
K4931-L
K4931-XL
K4931-2XL
K4931-3XL
K4931-4XL
K4931-5XL

XVI Series Heavy-Duty, Flame Retardant Split Leather Welding Jackets

Protection & Comfort for Tough Jobs

- Leather and innovative flame retardant fabric increase heat, friction and spatter resistance
- Cushioned neck and silk lined sleeves enhance comfort
- Engineered materials and design offers superior jacket service life
- Side straps, collar and cuffs are adjustable for your custom fit



Order Number
K4933-M
K4933-L
K4933-XL
K4933-2XL
K4933-3XL
K4933-4XL
K4933-5XL

XVI Series Grain Leather Sleeved FR Jacket

Comfort, Safety and Function

- To maximize longevity, protection and ergonomics, this jacket is constructed with full grain leather at the highest wear points, 16 oz. FR fabric at medium wear points and 9 oz. FR cotton at lower wear points
- Innovative cushioned neck helps alleviate common pressure points and absorbs moisture while split leather silk lined sleeves improve cooling
- The front button column has three layers of fabric and Velcro to improve protection and fit



Order Number
K4932-M
K4932-L
K4932-XL
K4932-2XL
K4932-3XL
K4932-4XL
K4932-5XL

Shadow™ Grain Leather-Sleeved Jacket

Protection, Comfort and Freedom

- For MIG or stick welding
- Flip up collar and extra front panel flap provide full closure
- Spatter guard lining
- Quality craftsmanship



Order Number
K2987-M
K2987-L
K2987-XL
K2987-XXL
K2987-XXXL

Shadow™ Split Leather-Sleeved Jacket

Quality, Durability, Protection, Comfort: The Ideal Jacket for MIG or Stick

- Split cowhide sleeves and cool flame retardant material on the chest
- Ideal for stick and MIG welding
- Flip up collar and and a lined flap on the back close for extra protection
- Two horizontal hip pockets with secured flaps



Order Number
K2986-M
K2986-L
K2986-XL
K2986-XXL
K2986-XXXL
K2986-5XL

Heavy-Duty Leather Welding Jacket

Protection for the Tough Jobs

- Heavy-duty split cowhide leather chest and sleeves provide superior protection
- Flame retardant cloth back keeps you cool
- Ideal for heavy stick and MIG welding
- Flip up collar, extra front flap for full closure and spatter guard lining



Order Number
K2989-M
K2989-L
K2989-XL
K2989-XXL
K2989-XXXL

Traditional Flame Retardant Cloth Jacket – Khaki

The Ideal Light Duty Welding Jacket

- Crafted from 100% flame-retardant cotton
- Provides maximum protection
- Adjustable dual snap sleeves and convenient inside pocket



Order Number
K3317-XXS
K3317-XS
K3317-S
K3317-M
K3317-L
K3317-XL
K3317-2XL
K3317-3XL

Traditional Flame Retardant Cloth Jacket – Black

The Ideal Light Duty Welding Jacket

- Crafted from 100% flame-retardant material
- Provides maximum protection
- Adjustable dual snap sleeves and convenient inside pocket
- 30 in. (76.2 cm) length



Order Number
K2985-M
K2985-L
K2985-XL
K2985-XXL
K2985-XXXL

Bright Flame Retardant Cloth Welding Jacket - Safety Orange

For Prominent Operator Visibility

- Adjustable snap wrists and large inside pocket
- Premium 9 oz. (255 g) flame retardant fabric
- Lightweight and breathable keeps you cool and allows excellent arm mobility



Order Number
K4688-M
K4688-L
K4688-XL
K4688-2XL
K4688-3XL

Bright Flame Retardant Cloth Welding Jacket - Safety Lime

For Prominent Operator Visibility

- Adjustable snap wrists and large inside pocket
- Premium 9 oz. (255 g) flame retardant fabric
- Lightweight and breathable keeps you cool and allows excellent arm mobility



Order Number
K4689-M
K4689-L
K4689-XL
K4689-2XL
K4689-3XL

Bright Flame Retardant Orange Jacket With Leather Sleeves

Safety and Comfort in a Single Jacket

- Premium 9 oz. (255 g) flame retardant fabric
- Black split leather sleeves for durability and protection
- Adjustable chrome plate snap cuffs
- Large inside pocket for protected storage
- Safety orange for prominent operator visibility



Order Number
K4690-M
K4690-L
K4690-XL
K4690-2XL
K4690-3XL

High Visibility Flame Retardant Orange Jacket With Reflective Stripes

Ideal for Jobsites with Moving Vehicles & Machinery

- Premium 9 oz. (255 g) flame retadant fabric
- Kevlar® sewn silver reflective tape for multi-faceted visibility
- Back panel slot for fall protection harnesses
- Adjustable snap wrists and large inside pocket



Order Number
K4692-M
K4692-L
K4692-XL
K4692-2XL
K4692-3XL

Flame Retardant Welding Shirt – Khaki

Safety and Comfort in a Single Shirt

- Ideal for light-duty welding
- Durable enough for daily use
- Adjustable dual-snap sleeves
- Features a single pocket with flap and pencil holder



Order Number
K3382-M
K3382-L
K3382-XL
K3382-2XL

Flame Retardant Welding Shirt – Black

Safety and Comfort in a Single Shirt

- Ideal for light-duty welding
- Durable enough for daily use
- Adjustable dual-snap sleeves
- Features two chest pockets with flaps and a pencil holder slot



Order Number
K3113-M
K3113-L
K3113-XL
K3113-2XL
K3113-3XL

Arc Rated Flame Retardant Welding Sweatshirt

Protection, Warmth and Comfort

- Provides insulation for cold environments
- Industrial material protects against UV radiation
- Cotton fleece doesn't restrict motion and is lighter weight than leather
- Machine washable



Order Number
K5253-M
K5253-L
K5253-XL
K5253-2XL

Arc Rated T-Shirt

Comfortable Protection

- Inherent flame-resistant fabric is durable, soft and lightweight
- Category 2 arc-rated material with an Arc Rating (ATPV) of 13 cal/cm^2
- NFPA 70E and NFPA 2112 Certified
- This shirt can be washed 100+ times and still maintains it's flame retardant properties allowing long service life
- Usage recommendations: Primary - MIG and TIG; Secondary - Pulsed-MIG



Order Number
K5267-M
K5267-L
K5267-XL
K5267-2XL
K5267-3XL

Flame Retardant Welding Lab Coat

All-Purpose Protection

- 9 oz. (255 g) flame retardant material
- Knee length offers extended protection for light-duty welding
- Ideal for instructors, supervisors and occasional welders



Order Number
K3112-M
K3112-L
K3112-XL

Split-Leather Welding Apron

Provides an Extra Layer of Protection

- Heavy-duty split cowhide construction
- Harness system adjusts to any size and weight
- Great addition for any welding jacket or shirt



Order Number
K3110-ALL

Split-Leather Flame Retardant Welding Sleeves

Stay Protected, Stay Cool

- Durable, flame-retardant material adds spatter and heat resistance
- Split leather panels in high wear areas
- Elastic cuffs keep spatter out and hold the 21 in. (53.3 cm) sleeves in position



Order Number
K3111-ALL

Traditional Flame-Retardant Cotton Welding Sleeves

Stay Cool and Protected

- Sleeves feature a 9 oz. (255 g) flame retardant material that prevents and extinguishes fire
- Elastic cuffs keep spatter out and hold the sleeves in position for superior comfort
- Can be washed up to 50 times and still maintains flame-retardant properties



Order Number
K4827-ALL

Premium Flame Retardant Welding Sleeves with Knit Liner

Superior Comfort & Heat Resistance

- Premium 9 oz. (255 g) flame retardant cotton exterior with ergonomic elbow
- Knit flame retardant liner improves heat resistance and comfort
- Elastic cuff closure offers dynamic fit and protection



Order Number
K4828-ALL

Premium A4 Cut Resistant Flame-Retardant Sleeves

Stay Protected and Comfortable

- Designed for added protection with spatter and heat resistance
- Constructed with Para-aramid material that improves heat resistance along with ANSI A4 Cut Resistant rating
- Premium fabric prevents and extinguishes fire while providing superior comfort



Order Number
K4890-ALL

Helmet Extended Headcover w/Press Fit Seal

Superior Comfort & Heat Resistance

- Flame retardant cotton
- Innovative press fit silicone seal attaches to the welding helmet for extended head and neck coverage
- Kevlar® stitched seams with hemmed edge to prevent rips or tears



Order Number
KP4789-1

Leather Helmet with Press Fit Seal

Protect Your Neck From Flash, Spatter & Sparks

- Innovative press fit silicone seal easily attaches to the welding helmet edge for full frontal neck coverage
- Unique bib shape provides neck coverage without blocking field of view



Order Number
KP3729-1 Split Leather
KP3730-1 Grain Leather

Welding Flame-Retardant Bandanas

Do the Lincoln Electric Rag

- 100% flame retardant material
- Mesh lining for fast sweat evaporation
- Machine washable



Order Number
K2993-ALL
K4824-ALL

Graphic Cotton Bandanas

Standout from the Crowd

- 100% cotton
- Mesh lining for fast sweat evaporation
- Machine washable



Order Number
K3204-ALL
K4825-ALL

Welding Caps

All Day Comfort

- 100% flame retardant cotton
- Cushioned insert provides comfort and absorbs sweat
- Flat-stitched seams for superior comfort
- Machine washable



Order Number
K3203-ALL
K4818-L
K4818-XL
K4819-L
K4819-XL
K4820-L
K4820-XL
K4821-L
K4821-XL

Premium Flame-Retardant Welding Cap

- Custom sizes for more comfort
- Moisture-wicking interior lining
- Flat-stitched seams prevent rubbing, improve comfort and increase durability



Order Number
K465-6-875 - 6-7/8 in. Diameter, 21-5/8 in. Circumference
K5465-7-000 - 7 in. Diameter, 22 in. Circumference
K5465-7-125 - 7-1/8 in. Diameter, 22-3/8 in. Circumference
K5465-7-250 - 7-1/4 in. Diameter, 22-3/4 in. Circumference
K5465-7-375 - 7-3/8 in. Diameter, 23-3/16 in. Circumference
K5465-7-500 - 7-1/2 in. Diameter, 23-9/16 in. Circumference
K5465-7-625 - 7-5/8 in. Diameter, 24 in. Circumference
K5495-7-750 - 7-3/4 in. Diameter, 24-3/8 in. Circumference
K5465-7-875 - 7-7/8 in. Diameter, 24-3/4 in. Circumference
K5465-8-000 - 8 in. Diameter, 25-1/8 in. Circumference

Flame-Retardant Welding Beanies

Top Off with Lincoln Electric

- Machine washable
- Flame-retardant
- Available in multiple sizes. Contours to the shape of the head and allows two-way airflow



Order Number
K2994-L
K2994-XL
K4822-L
K4822-XL
K4823-L
K4823-XL

OMNIShield™ Professional Face Shields

Premium Protection and Comfort

- Premium impact resistant polycarbonate lens is 90% thicker than a traditional face shield (0.077 in. vs 0.040 in.) for enhanced protection
- Air cushioned, adjustable headgear provides optimal comfort, fit and function for numerous operators and applications
- Available in clear, coated and shaded lens styles and compatible with most hard hat styles (adapter sold separately)



Order Number
K3750-1 Standard Clear
K3751-1 Anti-Fog Clear
K3752-1 Dual Coated Clear
K3753-1 Shade 3 IR
K3754-1 Shade 5 IR

Literature
E14.509

OMNIShield™ Flip-Up Shaded Lens, Shade 5 UV/IR

- Premium impact-resistant polycarbonate lens
- 90% thicker than traditional face shields
- Convenient flip-up infrared lens switches between clear and shaded in seconds
- Multi-axis cushions eliminate pressure points



Order Number
K4969-1
KP4975-1 OMNIShield™ Flip-Up Replacement Lens, Shade 8

OmniShield™ XC Face Shield w/Protective Chin Guard

Modern Answer to Impact Protection

- The high-density contoured lens is 90% thicker than traditional face shields
- Multi-axis headgear enhances comfort and fit
- Compatible with most hard hats, safety glasses, goggles and breathing masks
- Lightweight, ergonomic design offers all day comfort



Order Number
K3752-2

Face Shield

Full Frontal Production

- Large, impact-resistant shield wraps around entire face
- Ideal for grinding, polishing, deburring and other operations



Meets Requirements
- ANSI Z87.1
- CSA Z94.3

Order Number
K3120-1
KP3164-1 (Lens only)

Lincoln Electric Hand Shield

Shielding Your Vision

- Shade 9 lens
- Viewing area is 2 x 4.25 in. (5 x 10.8 cm)
- Compact, hand-held design



Order Number
K1878-1

Padded Safety Glasses

Padded Safety Glasses are Easy on the Eyes

- Comfortable, non-slip strap
- 360° foam liner keeps dust out and enhances comfort
- For long hours of comfort



Meets Requirements
- ANSI Z87.1
- CSA Z94.3

Order Number
K3119-1

Shade 5 Cutting and Grinding Goggles - Wide

Premium Full Coverage

- For plasma and oxyfuel cutting operations
- 100% surface seal keeps sparks, spatter, particles, sand, dirt and heat away from your eyes



Meets Requirements
- ANSI Z87.1

Order Number
K3118-1

Shade 5 Compact Cutting and Grinding Goggles

Safeguard with Shades

- For grinding and plasma and oxyfuel cutting operations
- 100% surface seal keeps sparks, spatter, particles, sand, dirt and heat away from your eyes
- Green IR5 polycarbonate lens features an anti-fog and anti-scratch coating



Meets Requirements
- CSA Z94.3
- ANSI Z87.1+

Order Number
K4708-1

Shade 3 Cutting and Grinding Goggles

Shades of Protection

- For chipping, grinding and machining operations
- 100% surface seal keeps sparks, spatter, particles, sand, dirt and heat away from your eyes



Meets Requirements
- ANSI Z87.1
- CSA Z94.3

Order Number
K3118-2

Finish Line™ Clear Safety Glasses

Safe, Sleek and Stylish

- Flexible nosepiece and adjustable temple tips for added comfort
- Special anti-fog coating reduces lens fogging
- Blocks 99.9% of UV-A,B, & C Radiation



Meets Requirements
- ANSI Z87.1+
- CSA Z94.3

Order Number
K2966-1

Women's Starlite® Clear Safety Glasses

Safe, Sleek and Stylish

- Sized 10% smaller than our similar models
- Lightweight and comfortable for all-day wear
- Anti-fog and anti-scratch coating



Meets Requirements
- ANSI Z87.1+
- CSA Z94.3

Order Number
K3250-S
K3250-M

Lincoln Starlite® Clear Safety Glasses

Layers of Protection

- Lightweight makes these models easy to wear
- Special anti-fog coating reduces lens fogging
- Blocks 99.9% of UV-A,B, & C Radiation



Meets Requirements
- ANSI Z87.1+
- CSA Z94.3

Order Number
K2965-1

Traditional Lincoln® Clear Safety Glasses

Traditional Safety Glasses

- Frameless clear lens
- Lightweight for all-day wear
- Inexpensive and ideal for student, team or bulk purchases



Meets Requirements
- ANSI Z87.1+

Order Number
K3104-1

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Lincoln Cover 2® Clear Safety Glasses

Protect Your Eyes and Your Glasses

- Worn over your own prescription glasses
- Ratcheting adjustable-length temples
- Integrated brow guard and side shields offer added impact protection
- Blocks 99.9% of UV-A, B, & C Radiation



Meets Requirements
- ANSI Z87.1+
- CSA Z94.3

Order Number
K2968-1

Bifocal Clear Safety Glasses

See Safety More Clearly

- Full eye coverage
- Slip resistant temples
- Provides the extra help when reading or viewing close work



Meets Requirements
- ANSI Z87.1

Order Number
K3117-100 1.0 Diopter
K3117-150 1.5 Diopter
K3117-200 2.0 Diopter
K3117-250 2.5 Diopter

Finish Line™ Outdoor Safety Glasses

Keep Your Eye on the Finish Line

- Red mirror lens provides protection from sun light outdoors
- Flexible nosepiece and adjustable temple tips for added comfort
- Special anti-fog coating reduces lens fogging
- Blocks 99.9% of UV-A, B, & C Radiation



Meets Requirements
- ANSI Z87.1+
- CSA Z94.3

Order Number
K2970-1

Lincoln® Starlite® Outdoor Safety Glasses

Safely Shielding the Sun

- Silver mirror coating added to the lens for protection from the sun
- Frameless lens provides a wide field of vision
- Blocks 99.9% of UV-A, B, & C Radiation



Meets Requirements
- ANSI Z87.1+
- CSA Z94.3

Order Number
K2969-1

Lincoln® Red Outdoor Safety Glasses

Sturdy Stylish Protection

- Durable impact protection
- Flexible nosepiece and temple tips add comfort
- Silver mirror lens
- Blocks 99.9% of UV-A, B, & C Radiation



Meets Requirements
- ANSI Z87.1+
- CSA Z94.3

Order Number
K2972-1

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Lincoln® Black Outdoor Safety Glasses

Sturdy Protection

- Durable impact protection
- Flexible nosepiece and temple tips add comfort
- Red mirror lens
- Blocks 99.9% of UV-A, B, & C Radiation



Meets Requirements
- ANSI Z87.1+
- CSA Z94.3

Order Number
K2971-1

Lincoln® Starlite® IR 5 Safety Glasses

Infrared Shielding

- Shade 5 infrared protection intended for cutting and grinding
- Unitary frameless style provides a wide field of vision
- Blocks 99.9% of UV-A, B, & C Radiation



Meets Requirements
- ANSI Z87.1+
- CSA Z94.3

Order Number
K2967-1

Axilite™ Clear Safety Glasses

Keep Things Clear & Lightweight

- Ultra lightweight design weighs just 19.3 grams (0.7 oz.)
- Dual anti-fog and anti-scratch lenses
- Blocks 99.9% of UV-A, B, & C Radiation



Meets Requirements
- ANSI Z87.1+
- CSA Z94.3

Order Number
K4673-1

Axilite™ Amber Safety Glasses

Comfortable Protection for Dark Work Spaces

- Amber lens is ideal for low-light environments to increase brightness, contrast and depth perception
- Ultra lightweight design weighs just 19.3 grams (0.7 oz.)
- Blocks 99.9% of UV-A, B, & C Radiation



Meets Requirements
- ANSI Z87.1+
- CSA Z94.3

Order Number
K4674-1

Axilite™ Light Blue Safety Glasses

Keep Things Clear & Lightweight

- Soft blue polycarbonate lens reduces glare, eye strain and yellow tint
- Ultra lightweight design weighs just 19.3 grams (0.7 oz.)
- Blocks 99.9% of UV-A, B, & C Radiation



Meets Requirements
- ANSI Z87.1+
- CSA Z94.3

Order Number
K4675-1

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Axilux™ USA Camo Clear Safety Glasses

Look Good with Popular Graphic Frames

- Modern ergonomic design provides excellent comfort, protection and durability
- Dual anti-fog and anti-scratch lenses
- Soft rubber nosepiece. Temple frame distributes weight, reduces pressure and increases grip



Meets Requirements
- ANSI Z87.1+
- CSA Z94.3

Order Number
K4676-1

Axilux™ Traditional Camo Bronze Mirror Safety Glasses

Look Good with Popular Graphic Frames

- Modern ergonomic design provides excellent comfort, protection and durability
- Dual anti-fog and anti-scratch lenses
- Bronze mirror lens reduce glare, eye strain and improve contrast



Meets Requirements
- ANSI Z87.1+
- CSA Z94.3

Order Number
K4677-1

Lincoln® 360 Foam Padded Clear Safety Glasses

For Jobs with Heavy Dust and Debris

- Soft foam seal eliminates the standard lens to face air gap
- Dual anti-fog and anti-scratch lenses
- Adjustable elastic headband keeps glasses in place for dependable protection
- Blocks 99.9% of UV-A, B & C Radiation



Meets Requirements
- ANSI Z87.1+
- CSA Z94.3

Order Number
K4707-1

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Women's Shadow™ Flame Retardant Welding Jacket w/Leather Sleeves

A Jacket Designed with Women in Mind

- Split cowhide sleeves with cooling flame retardant cloth front and back
- Flip up collar, adjustable snap sleeves and snap cinch waist
- Two horizontal flap pockets
- Ideal for MIG or stick welding



Order Number
K3114-XS
K3114-S
K3114-M
K3114-L
K3114-XL

Women's Traditional Split Leather Sleeved Flame Retardant Jacket

Minimum Weight, Maximum Durability

- Constructed of heavyweight black split leather for great protection with a two piece inner bicep to improve arm mobility
- Premium flame-retardant body to prevent and extinguish fire while allowing free flowing movement
- Seams of the jacket are sewn with multi-layer patterns to prevent rips and tears



Order Number
K3106-XXS
K3106-XS
K3106-S

Women's Traditional Flame Retardant Cloth Jacket - Khaki

Lightweight and Strong

- Premium 9 oz. flame-retardant cotton jacket prevents and extinguishes fire while allowing airflow for superior comfort
- Jacket seams are sewn with multi-layer patterns to prevent rips and tears, increasing durability
- Can be washed up to 50 times and still maintains flame-retardant properties



Order Number
K3317-XXS
K3317-XS
K3317-S

Women's DynaMIG HD MIG Welding Gloves

Balanced Protection, Heat Resistance & Comfort

- Grain and Split Leather - Split leather top hand resists heat and abrasion; Grain leather palm improves dexterity & comfort
- Unique heat-resistant liner features 3-layer cotton and foam liner plus an additional 2-layer cotton liner
- Moisture absorbent twill cuff for all day comfort



Order Number
K5472-XS
K5472-S
K5472-M
K5472-L

Women's MIG/Stick Welding Gloves

Not Your Brother's Welding Gloves

- Designed and sized for women's hands
- Durable split cowhide and cotton lining provides heat resistance and comfort
- Long-lasting work life



Order Number
K3232-S
K3232-M

Primary Processes:
Stick, Flux-Cored

Recommended Amperage:
50A - 325A

Literature:
E14.745

Women's Full Leather SteelWorker® Gloves

For Her: A Glove for the Multi-Tasker

- Sized for women's hands
- Top grain cowhide ensures durability and maximizes dexterity
- For fabrication or light welding
- All leather construction



Order Number
K3231-XS
K3231-S
K3231-M

Primary Processes:
TIG, Pulsed TIG

Amperage Range:
1A - 200A

Literature:
E14.745

Women's Starlite® Clear Safety Glasses

Safe, Sleek and Stylish

- Sized 10% smaller than our similar models
- Light weight makes these models easy to wear
- Anti-fog and anti-scratch coating



Meets Requirements
- ANSI Z87.1+
- CSA Z94.3

Order Number
K3250-S
K3250-M

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Electric Hand Lifter

Metalworking Angle and Lifting Device

- Intended for small steel part handling and removing parts from burn tables
- Easy 1/2 turn of the knob turns the magnet on or off for positioning, removal or tool cleaning
- Magnetic force is 60 lbs. (27.2 kg)
- Cordless; sets up in seconds



Order Number
K3312-1

Literature
E14.800

Pivot Angle Magnetic Fixture

Welding Made More Manageable

- Designed for repetitive work at uncommon angles
- Convenient single lock-on elbow handle makes it fast and easy to select an angle
- Magnetic force is 200 lbs. (90.7 kg)



Order Number
K3310-1

Literature
E14.800

Multi Angle Fixture

Mini Sized, Maximum Benefits

- Dual Function - a workholding angle tool and a quick connect/disconnect magnetic vise
- Sets up in seconds
- Magnet technology allows for complete on/off control and precise positioning
- Easy to position on flat or round stock
- Magnetic force is 400 lbs. (181.4 kg)



Order Number
K3309-1

Literature
E14.800

Mini Multi Angle Fixture

Tacking Welds Just Got Easier

- Secures material at multiple angles
- Designed for small steel parts
- Pipe notch for use on round stock
- No batteries or electricity required
- Magnetic force is 80 lbs. (36.3 kg)



Order Number
K3318-1

Literature
E14.800

Manual Hand Lifter

Get a Handle on Steel

- For small part lifting and sheet dragging
- Work faster and more efficiently with fewer injuries
- No batteries or electricity required
- Magnetic force: 60 lbs. (27.2 kg) hold on 3/16 in. (0.48 cm) thick steel or above



Order Number
K3311-1

Literature
E14.800

Stainless Steel & Aluminum Welding

3 X 7 Row Stainless Steel Wire Brush
This handy toothbrush style brush is just right for light cleaning on stainless steel in confined or hard to reach areas

2 X 9 Row Stainless Steel Wire Brush
A slight curve in the handle improves grip. Ideal for general or light cleaning on stainless steel

3 X 19 Row Stainless Steel Wire Brush
This general purpose brush is intended for long life and efficient surface cleaning on stainless steel



Length, in. (mm)
- 7.5 (191) (3x7 Brush)
- 8.5 (216) (2x9 Brush)
- 13.75 (349) (3x19 Brush)

Order Number
K3179-1 (3x7 Brush)
K3180-1 (2x9 Brush)
K3181-1 (3x19 Brush)

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Alloy Welding

3 X 7 Row Brass Wire Brush for Aluminum
This compact toothbrush style can be used for light cleaning on aluminum in confined or hard to reach areas. Brass bristles are easy on aluminum surfaces

2 X 9 Row Brass Wire Brush for Aluminum
The slightly curved handle improves grip for general light cleaning on aluminum. Brass bristles gently remove oxide layer on aluminum



Length, in. (mm)
- 7.5 (191) (3x7 Brush)
- 8.5 (216) (2x9 Brush)

Order Number
K3182-1 (3x7 Brush)
K3183-1 (2x9 Brush)

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Carbon Steel Welding

3 X 19 Row Carbon Steel Wire Brush
Select this popular tempered steel bristle pattern for efficient general cleaning on carbon steels

4 x 16 Row Carbon Steel Wire Brush
Tempered steel bristles make fast work of rust, mill scale and paint on carbon steels. Comfortable curved handle



Length, in. (mm)
- 13.75 (349) (3x19 Brush)
- 9.5 (241) (4x16 Brush)

Order Number
K3184-1 (3x19 Brush)
K3185-1 (4x16 Brush)

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Combination Packs

Wire Brush Three Pack
This compact toothbrush style set is easy to stow in your bag and perfect for small projects. Includes brass bristle brush for aluminum, stainless bristle brush for stainless steel and a nylon bristle brush for general cleaning on carbon steel



Length, in. (mm)
- 7.5 (191)

Order Number
K3189-1

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Chipping Hammer

Tackle Dirt and Slag Head-On

- Shock reducing spiral handle with hook for easy hanging storage
- Hammer head includes spike and flat sides



Processes
- Stick
- Flux-Cored

Order Number
K4022-1

Literature
E14.742

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Chipping Hammer with Wire Brush

Welders Combo Tool

- Increases productivity and simplifies post weld cleanup
- Spiral handle disperses shock and pressure for improved comfort
- Constructed of drop forged steel to increase strength, hardness and toughness



Order Number
K4021-1

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Radius® Welper®

Multi-Use MIG Tool

- Eight functions in one tool: remove nozzle spatter (inside and out), cut wire, remove and install tips, pull wire, remove brushings and hammer
- Spring loaded for easy opening and closing
- Comfortable handle
- Chrome vanadium steel



Processes
- MIG
- Flux-Cored

Order Number
K4014-2

Literature
E14.740

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Radius® Welding Pliers

Single Tool, Multiple Functions

- Six function traditional welding pliers used for nozzle and tip installation, wire cutting, nozzle cleaning, slag hammer and spatter removal
- Spring loaded for easy opening and closing
- Heat treated for durability



Processes
- MIG

Order Number
K4014-1

Literature
E14.741

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Industrial C-Clamp

Material Setup, Prep and Fixturing

- Constructed of drop forged steel to increase strength, hardness and toughness
- Squeeze-lock plier jaws clamp to parts of various shapes & sizes



Order Number
K3721-1

Heavy Duty 600 Amp Ground/Work C-Clamp

The Ultimate Quick Set-Up

- Clamps can be attached or moved quickly from one fixture to another without having to remove the ground device
- Features an ample contact area along with a large tightening screw to increase productivity
- Constructed from copper alloy to allow for use in multiple ground applications



Order Number
K5153-1

Literature:
E14.751

Heavy Duty Tape Measure (25 ft.)

Built for the Elements

- Brushed steel housing for increased durability and nylon thermal resistance
- Rubber overlay and automatic blade lock give you better comfort and productivity



Order Number
K3722-1

Weld Fillet Gauge – 7 Piece Set

An Essential Welders Tool

- Measure concave or convex fillet welds ranging in 1/8 - 1 in. (3.2-25.4 mm) in size
- Stainless steel construction to improve durability and prevent rust
- Made in the USA



Order Number
K3720-1

Industrial Soap Stone Holder

The Classic Marking Tool

- Lightweight, general purpose marking tool
- Will not contaminate weld deposits and is easily removable
- Convenient pocket clip on backside of holder



Order Number
K3725-1
KP3726-1
(Replacement Soapstone)

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Industrial Flint Striker

Essential Fuel Cutting Tool

- Lightweight striker used for starting cutting fuels
- Rotating internal file increases durability



Order Number
K3727-1
KP3728-1
(Replacement Flints)

Industrial Tip Cleaner

Lightweight and Compact

- Used for cleaning cutting, brazing and welding torch tips
- Contains sizes 6 to 26 and one file
- Lightweight, compact aluminum case for easy storage



Order Number
K3724-1

T300 Electrode Holder

For DC Welder Only

- 300A Rating, 60% Duty Cycle, DC Current Only
- 5/32 in. (4.0 mm) diameter electrode and smaller
- Made in the USA



Order Number
K909-6

EH-305 Heavy Duty Electrode Holder

Comfort, Quality & Consistency

- Insulated stick electrode holder designed for reliable performance and enhanced operator comfort
- For electrode diameters 1/8-1/4 in. (3.2-6.4 mm)
- Rated at 300 amps, 60% duty cycle or 400 amps, 35% duty cycle



Order Number
K909-7

EH-405 Heavy Duty Electrode Holder

Comfort, Quality & Consistency

- Insulated stick electrode holder designed for reliable performance and enhanced operator comfort
- For electrode diameters 1/8-5/16 in. (3.2-7.9 mm)
- Rated at 400 amps, 60% duty cycle or 500 amps, 35% duty cycle



Order Number
K909-8

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Industrial Electrode Holders

High Quality SMAW Accessory

- Designed to safely secure electrode to allow welding from a variety of positions.
- Copper alloy jaw strengthens hold on the electrode to optimize conductivity resulting in improved overall welding
- Lightweight, ergonomic insulated handle



Order Number
K5154-1 (200 Amp)
K5155-1 (250 Amp)
K5156-1 (300 Amp)
K5157-1 (350 Amp)

Literature:
E14.751

GC-300 Work Clamp 500A, 60% Duty Cycle

Reliable Conductivity

- Easy operation. Just squeeze, slip jaws over the work and let go. No bolts or nuts to tighten
- Jaws open full 2-1/2 in. (63 mm). Welding cable lug bolts directly to the work clamp. Heavy spring tightly clamps jaws to work or table
- Rated 300 amps at 60% duty cycle



Order Number
K910-1

GC-500 Work Clamp 500A, 60% Duty Cycle

Reliable Conductivity

- Easy operation. Just squeeze, slip jaws over the work and let go. No bolts or nuts to tighten
- Jaws open full 2-1/2 in. (63 mm). Welding cable lug bolts directly to the work clamp. Heavy spring tightly clamps jaws to work or table
- Rated 500 amps at 60% duty cycle



Order Number
K910-2

T-Series Brass Ground/Work Clamps

For Welders of all Types

- Built with a high-quality copper plated brass material for good conductivity and long service life
- Features a large tightening screw to secure welding cable to the ground clamp
- Jaws open 0.9-1.25 in. (22.9 - 31.8 mm) - just squeeze - slip jaws over the work and let go. No bolts or nuts to tighten



Order Number
K5150-1 (200 Amp)
K5151-1 (300 Amp)

Literature:
E14.751

Flexible Cable Work Lead – 2 AWG w/300A Electrode Holder and Lug

Reliable Connections

- Allows easy movement and positioning to improve quality and efficiency while reducing operator fatigue
- Industry standard orange EPDM rubber jacket designed to withstand harsh, high temperatures
- 25 ft. (7.6 m) cable length



Order Number
K4893-2-25 (25 ft)

Literature:
E14.751

Flexible Cable Work Lead – 2 AWG w/200A Electrode Holder and Lug

Reliable Connections

- With our flexible cable assembly, you can improve the quality and productivity of your weld process while ensuring safety
- Industry standard orange EPDM rubber jacket designed to withstand harsh, high temperature environments
- 12.5 ft. (3.8 m) cable length



Order Number
K5436-2-12-1/2

Literature:
E14.751

Flexible Cable Work Lead – 2 AWG w/200A Electrode Holder and Twist Mate™

Reliable Connections

- With our flexible cable assembly, you can improve the quality and productivity of your weld process while ensuring safety
- Industry standard orange EPDM rubber jacket designed to withstand harsh, high temperature environments
- 12.5 ft. (3.8 m) cable length



Order Number
K5438-2-12-1/2

Literature:
E14.751

Flexible Cable Work Lead 2/0 w/Ground Clamp and Lug

Reliable Connections

- Superior Performance - Allows for easy movement and positioning to help improve quality and efficiency, while reducing operator fatigue
- Durability - Industry standard orange EPDM rubber jacket designed to withstand harsh, high temperature environments
- Improved Safety - Rigorously tested to meet the required specifications and standards
- Voltage rating: 600



Order Number
K5434-2/0-25 - 25 ft.
K5434-2/0-50 - 50 ft

Flexible Cable Work Lead 2/0 w/Tweco® Male and Ground Clamp

Reliable Connections

- Superior Performance - Allows for easy movement and positioning to help improve quality and efficiency, while reducing operator fatigue
- Durability - Industry standard orange EPDM rubber jacket designed to withstand harsh, high temperature environments
- Improved Safety - Rigorously tested to meet the required specifications and standards
- Voltage rating: 600



Order Number
K5435-2/0-25 - 25 ft.
K5435-2/0-50 - 50 ft.

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Welding Curtain, 6 x 6 ft. 550°C Rated

Bring the Curtain Down on Sparks and Spatter

- Intended to be hung vertically
- Rated for temperatures up to 1022°F (550°C)
- Protects workers from injury and parts and equipment from damage





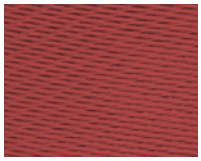
Meets Requirements
- FM approved for ANSI/FM 4950

Order Number
K3252-1

Welding Blanket, 6 x 6 ft. 550°C Rated

We've Got You Covered

- Fiberglass-based curtain is intended to be used horizontally
- Rated for temperatures up to 1022°F (550°C)
- Protects workers from injury and parts and equipment from damage
- Easy to position in any shop





Meets Requirements
- FM approved for ANSI/FM 4950

Order Number
K3253-1

High Temperature Welding Blanket, 6 x 6 ft. 1100°C Rated

Keep the Heat Off

- Intended to be used horizontally
- Rated for temperatures up to 2012°F (1100°C)
- Protects workers from injury and parts and equipment from damage
- Easy to position in any shop





Meets Requirements
- FM approved for ANSI/FM 4950

Order Number
K3254-1

HydroGuard® Rod Canister

Easy to Carry. Easy to Protect.

- Protect and carry 10 lb. (4.5 kg) of stick electrode up to 14 in. (355.6 mm) in length
- Rubber seal makes the container moisture-resistant



Processes
- Stick

Order Number
K3166-1
K3167-1 (strap)

HydroGuard® Portable Electrode Oven

Outstanding Moisture Resistance on the Go

- Helps to protect stick electrodes from moisture pickup, a major contributor to weld cracking and porosity
- Transport a maximum of 10 lb. (4.5 kg) of up to 18 in. (457.2 mm) electrode
- Maintains electrodes at a constant 300°F (149°C) temperature
- Power-on light to visually confirm operation
- Rod Elevator - makes it easy to extract your stick electrode



Processes
- Stick

Output
Preset at 300°F (149°C)

Input
1 PHASE 50/60 Hz

Order Number
K2939-1 (115/120/1/50/60)
K2939-2 (230/1/50/60)

Literature
E8.701 and E14.701

HydroGuard® Portable 50 lb. (22.7 kg) Rod Oven

Outstanding Moisture Resistance

- Easily accessible controls on front panel
- Dual input for compatibility with power sources at 120 or 240 volts
- Adjustable thermostat can be set between 100 - 300° F (37.8 - 148.9° C)
- Durable wheels for easy portability through industrial environments



Processes
- Stick

Output
Preset at 300°F (149°C)

Input
1 PHASE 50/60 Hz

Order Number
K2939-1 (115/120/1/50/60)
K2939-2 (230/1/50/60)

Literature
E8.701

HydroGuard® Bench 350 lb. (158.8 kg) Rod Oven

Outstanding Moisture Resistance for Improved Weld Quality

- Circular Shape Directs Airflow
- Adjustable Thermostat
- Flexible Interior Configuration
- Variable Moisture Vent
- Handy Shelf
- Data Logger Capable



Processes
- Stick Electrode
- MIG Wire

Output
100-550°F (38-288°C)

Input
1 PHASE 50/60 Hz

Order Number
K2942-1 (115/120)
K2942-2 (240/480V)
K3148-1 (Thermometer Kit)

Literature
E8.701 and E14.702

NOTE » Date Logger Capable

RP6™ Weldable Rust Preventative Fluid

Rust Prevention of Ferrous Metals

- Provides indoor corrosion protection for up to 6 months
- Will not adversely affect the welding process
- The fluid can be applied by spray, dip or brush

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov



Base Material
- Ferrous

Application
- Brush
- Spray
- Dip

Order Number
K4127-2 (5 Gallon Pail)
K4127-1 (55 Gallon Drum)

Literature
E14.901.1

CarbonElite® Pointed Gouging Electrodes

Premium Arc Gouging Carbons

- Versatile multi-purpose round gouging electrode (most popular type)
- First class metal removal rates
- Consistent melt off rate allows for uniform, smooth grooves



Order Number
KP3800-1/8
KP3800-5/32
KP3800-3/16
KP3800-1/4
KP3800-5/16
KP3800-3/8
KP3800-1/2

Literature
E14.600

CarbonElite® Jointed Gouging Electrodes

Premium Arc Gouging Carbons

- Round electrode with male & female ends to help eliminate stub loss
- First class metal removal rates
- Consistent melt off rate allows for uniform, smooth grooves



Order Number
KP3803-1/2
KP3803-5/8
KP3803-3/4
KP3803-3/8

Literature
E14.600

CarbonElite® Flat Gouging Electrodes

Premium Arc Gouging Carbons

- Rectangular shape for close tolerance metal removal and/or to create rectangle grooves
- First class metal removal rates
- Consistent melt off rate allows for uniform, smooth grooves



Order Number
KP3802-3/8
KP3802-1/2

Literature
E14.600

CarbonElite® Hollow Gouging Electrodes

Premium Arc Gouging Carbons

- Round electrode with hollow core allows for faster travel speed without sacrificing groove depth
- First class metal removal rates
- Consistent melt off rate allows for uniform, smooth grooves



Order Number
KP3801-3/16
KP3801-1/4
KP3801-5/16
KP3801-3/8

Literature
E14.600


LINCOLN
ELECTRIC
RED LINE
WELDING APPAREL

Specifications Chart » VIKING™ Powered Air Purifying Respirators (PAPR)

Specs	3350 PAPR	3350 XG PAPR	3250D FGS® PAPR
Size of Blower Assembly (W x T x D)	8 x 7.5 x 3 in (203 x 191 x 76 mm)	8 x 7.5 x 3 in (203 x 191 x 76 mm)	8 x 7.5 x 3 in (203 x 191 x 76 mm)
Weight of Blower (including battery, belt and filters)	2.20 lb (1.0 kg)	2.20 lb (1.0 kg)	2.20 lb (1.0 kg)
Air Flow	Low Speed: 180+ lpm (6+ cfm) High Speed: 210+ lpm (7.4+ cfm)	Low Speed: 180+ lpm (6+ cfm) High Speed: 210+ lpm (7.4+ cfm)	Low Speed: 180+ lpm (6+ cfm) High Speed: 210+ lpm (7.4+ cfm)
Operating Temperature	23º to 131ºF (-5º to 55ºC)	23º to 131º F (-5º to 55º C)	23º to 131º F (-5º to 55º C)
Battery Type	Lithium Ion (Rechargeable)	Lithium Ion (Rechargeable)	Lithium Ion (Rechargeable)
Battery Charge Time	Three hours	Three hours	Three hours
Battery Charges	500 charges	500 charges	500 charges
Belt Size[1]	29 to 52 in (736 to 1321 mm)	29 to 52 in (736 to 1321 mm)	29 to 52 in (736 to 1321 mm)
Respirator Approval[2]	NIOSH 42 CFR 84 Approved Powered Air-Purifying Respirator (PAPR)	NIOSH 42 CFR 84 Approved Powered Air-Purifying Respirator (PAPR)	NIOSH 42 CFR 84 Approved Powered Air-Purifying Respirator (PAPR)
Assigned Protection Factor[3]	25	25	25
Helmet Replacement Battery	CR 2450	CR 2450	CR 2450
Battery Life	8 Hours	8 Hours	8 Hours
Charge	115 Volt Input	115 Volt Input	115 Volt Input
Alarms	Audible and Vibrate	Audible and Vibrate	Audible and Vibrate
Head Gear	Flame Retardant	Flame Retardant	Flame Retardant
Optical Class	1/1/1/1 (per EN 379)	1/1/1/1 (per EN 379)	1/1/1/1 (per EN 379)
Lens Switching Speed (sec)	1/25,000	1/25,000	1/25,000
Variable Shade/Control	5-13 Internal	5-13 Internal	5-13 Internal
Magnifying "Cheater" Capable Lens	Yes	Yes	Yes
Grind Mode Shade/Control	2.5 Internal	2.5 External	2.5 Internal
Light Sensitivity Control	Continuous	Continuous	Digital Display Control
Delay Control Dark to Light (sec)	0.1 -1.0 Fully Adjustable	0.1 -1.0 Fully Adjustable	0.1 -1.0 Fully Adjustable
Arc Sensors	4	4	4
TIG AMP Rating	DC > 2 Amp AC > 2 Amp	DC > 2 Amp AC > 2 Amp	DC > 2 Amp AC > 2 Amp
Helmet Compliance	ANSI Z87.1-2010, CSA Z94.3, CE	ANSI Z87.1-2010, CSA Z94.3, CE	ANSI Z87.1-2010, CSA Z94.3, CE
Cartridge Size	US 5.25 x 4.50 in (133 x 114 mm)	US 5.25 x 4.50 in (133 x 114 mm)	US 5.25 x 4.50 in (133 x 114 mm)
View Size	3.7 x 3.34 in (95 x 85 mm)	3.7 x 3.34 in (95 x 85 mm)	2.95 x 4.25 in (75 x 108 mm)
Blower Assembly	1 Year Warranty	1 Year Warranty	1 Year Warranty
ADF Helmet	5 Year Warranty	5 Year Warranty	5 Year Warranty

[1] Belt size maximum of 60 in. (1524 mm) with belt extension accessory.

[2] Refer to NIOSH respirator approval label for system configuration.

[3] APF=25 for loose fitting Powered Air-Purifying Respiratory according to OSHA 3352-02 2009, when the employer implements a continuing, effective respirator program in compliance with the Respiratory Protection Standard (29 CFR 1910).

Specifications Charts

Welding Gloves



HAND SIZING FOR GLOVES (measure the width of the hand as shown)

		Mens Gloves – in (cm)					Womens Gloves – in (cm)		
Product Name	**Number**	**Small 8.0 (20)**	**Medium 8.5 (22)**	**Large 9.0 (23)**	**X Large 9.5 (24)**	**2X Large 10.0 (25)**	**X Small 7.0 (18)**	**Small 7.5 (19)**	**Medium 8.0 (20)**
Roll Cage™ Welding Rigging Gloves	K3109-xx	•	•	•	•	•			
Premium Leather MIG/Stick Welding Gloves	K2980-xx		•	•	•				
Premium 7 Series Stick/MIG Elkskin Welding Gloves	K4787-xx		•	•	•				
Premium 8 Series Stick/MIG Elkskin Welding Gloves	K4788-xx		•	•	•				
Heavy Duty MIG/Stick Welding Gloves	K4082-xx		•	•	•				
Traditional MIG/Stick Welding Gloves	K2979-xx	•	•	•	•	•			
DynaMIG™ Traditional MIG Welding Gloves	K3805-xx		•	•	•	•			
DynaMIG™ Heavy Duty MIG Welding Gloves	K3806-xx		•	•	•	•			
DynaMIG™ Heavy Duty Professional Welding Gloves	K5472-x						•	•	•
Full Leather SteelWorker® Gloves	K2977-xx	•	•	•	•	•			
Premium Leather TIG Welding Gloves	K2983-xx		•	•	•				
Welders Leather Drivers Gloves (Lined)	K3770-xx		•	•	•	•			
Traditional Leather Drivers Gloves (Unlined)	K3769-xx		•	•	•	•			
Cut Resistant A2 Drivers Gloves	K3771-xx		•	•	•	•			
Leather TIG Welding Gloves	K2981-xx		•	•	•				
Heat-Resistant Welding Gloves	K2982-xx			•	•				
Women's MIG/Stick Welding Gloves	K3232-xx							•	•
Women's SteelWorker® Gloves	K3231-xx						•	•	•

OMNIShield™ Professional Face Shields

Product Name	Lens Type	Lens Thickness in (mm)	Lens Coatings	Headgear	Hard Hat Compatibility	Compliance	Net Wt oz. (g)
OMNIShield™ Clear Face Shields	Polycarbonate	0.077 (1.96)	Uncoated Anti-Fog, Anti-Fog & Anti-Scratch	Air-Cushioned with Adjustable Ratchet	Yes; Slotted and Non-slotted adapters available	ANSI Z87.1 CSA Z94.3 CE EN 166 AS / NZS 1337.1	12.4 (351.53)
OMNIShield™ IR Face Shields	IR 3 & IR 5 Polycarbonate		Uncoated				

Specifications Chart

Welding Apparel

Part No./ Size	Chest Measurement in (cm)	Sleeve Length in (cm)	Torso Size in (cm)
Traditional Split Leather-Sleeved Jacket			
K3106-M	40-42 (102-107)	31 (79)	30 (76)
K3106-L	44-46 (112-117)	32 (81)	30 (76)
K3106-XL	48-50 (122-127)	33 (84)	30 (76)
K3106-2XL	52-54 (132-137)	34 (86)	30 (76)
K3106-3XL	56-58 (142-147)	35 (89)	30 (76)
XVI Series HD Flame-Retardant & Split Leather Welding Jackets			
K4933-M	40-42 (102-107)	31 (79)	30 (76)
K4933-L	44-46 (112-117)	32 (81)	31 (79)
K4933-XL	48-50 (122-127)	33 (84)	32 (81)
K4933-2XL	52-54 (132-137)	34 (86)	33 (84)
K4933-3XL	56-58 (142-147)	35 (89)	34 (86)
K4933-5XL	60-66 (152-168)	35 (89)	34 (86)
XVI Series Industrial Flame-Retardant Welding Jackets			
K4931-M	40-42 (102-107)	31 (79)	30 (76)
K4931-L	44-46 (112-117)	32 (81)	31 (79)
K4931-XL	48-50 (122-127)	33 (84)	32 (81)
K4931-2XL	52-54 (132-137)	34 (86)	33 (84)
K4931-3XL	56-58 (142-147)	35 (89)	34 (86)
K4931-5XL	60-66 (152-168)	35 (89)	34 (86)
Shadow™ Grain Leather-Sleeved Jacket			
K2987-M	40-42 (102-107)	31 (79)	30 (76)
K2987-L	44-46 (112-117)	32 (81)	31 (79)
K2987-XL	48-50 (122-127)	33 (84)	32 (81)
K2987-2XL	52-54 (132-137)	34 (86)	33 (84)
K2987-3XL	56-58 (142-147)	35 (89)	34 (86)
Shadow™ Split Leather-Sleeved Jacket			
K2986-M	40-42 (102-107)	31 (79)	30 (76)
K2986-L	44-46 (112-117)	32 (81)	31 (79)
K2986-XL	48-50 (122-127)	33 (84)	32 (81)
K2986-2XL	52-54 (132-137)	34 (86)	33 (84)
K2986-3XL	56-58 (142-147)	35 (89)	34 (86)
K2986-5XL	60-66 (152-168)	35 (89)	34 (86)
Heavy Duty Leather Welding Jacket			
K2989-M	40-42 (102-107)	31 (79)	30 (76)
K2989-L	44-46 (112-117)	32 (81)	31 (79)
K2989-XL	48-50 (122-127)	33 (84)	32 (81)
K2989-2XL	52-54 (132-137)	34 (86)	33 (84)
K2989-3XL	56-58 (142-147)	35 (89)	34 (86)

Part No./ Size	Chest Measurement in (cm)	Sleeve Length in (cm)	Torso Size in (cm)
Traditional Flame-Retardant Cloth Jacket			
Khaki			
K3317-M	40-42 (102-107)	31 (79)	30 (76)
K3317-L	44-46 (112-117)	32 (81)	30 (76)
K3317-XL	48-50 (122-127)	33 (84)	30 (76)
K3317-2XL	52-54 (132-137)	34 (86)	30 (76)
K3317-3XL	56-58 (142-147)	35 (89)	30 (76)
Black			
K2985-M	40-42 (102-107)	31 (79)	30 (76)
K2985-L	44-46 (112-117)	32 (81)	30 (76)
K2985-XL	48-50 (122-127)	33 (84)	30 (76)
K2985-2XL	52-54 (132-137)	34 (86)	30 (76)
K2985-3XL	56-58 (142-147)	35 (89)	30 (76)
Flame-Retardant Welding Shirt			
Khaki			
K3382-M	40-42 (102-107)	32 (81)	32 (81)
K3382-L	44-46 (112-117)	33 (84)	33 (84)
K3382-XL	48-50 (122-127)	34 (86)	34 (86)
K3382-2XL	52-54 (132-137)	35 (89)	35 (89)
Black			
K3113-M	40-42 (102-107)	32 (81)	32 (81)
K3113-L	44-46 (112-117)	33 (84)	33 (84)
K3113-XL	48-50 (122-127)	34 (86)	34 (86)
K3113-2XL	52-54 (132-137)	35 (89)	35 (89)
K3113-3XL	56-58 (142-147)	36 (91)	36 (91)
Flame-Retardant Welding Lab Coat			
K3112-M	40-42 (102-107)	31 (79)	
K3112-L	44-46 (112-117)	32 (81)	
K3112-XL	48-50 (122-127)	33 (84)	
Split Leather Welding Apron			
K3110-ALL	One Size Fits All		
Split Leather Flame-Retardant Welding Sleeves			
K3111-ALL		21 (53)	
K4728-ALL		21 (53)	

Part No./ Size	Bust Size in (cm)	Sleeve Length in (cm)	Torso Size in (cm)	Waist Size in (cm)
Women's Shadow™ Split Leather-Sleeved Jacket				
K3114-XS	32-36 (81-91)	28 (71)	27 (68)	28-32 (71-81)
K3114-S	36-39 (91-99)	28 (71)	27 (68)	32-34 (81-86)
K3114-M	39-41 (99-104)	29 (74)	27 (68)	34-36 (86-91)
K3114-L	41-43 (104-109)	30 (76)	27 (68)	36-38 (91-96)
K3114-XL	43-46 (109-117)	31 (79)	27 (68)	38-42 (96-107)

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

Welding Gear Ready-Pak®

Standard Welding Gear Ready-Pak® (K4416-size)

- Lincoln® Industrial Duffel Bag (K3096-1)
- VIKING™ Black 1740 Series ADF Helmet (K3282-4)
- Traditional Khaki Flame Retardant Cloth Welding Jacket (K3317-size)
- Traditional MIG/Stick Welding Gloves (K2979-ALL)
- Traditional Clear Safety Glasses (K3104-1)
- Leather TIG Gloves (K2981-size)
- Straight Head Chipping Hammer (K4022-1)
- Welding Pliers (K4014-1)
- 3x19 Carbon Steel Wire Brush (K3184-1)

Women's Standard Welding Gear Ready-Pak® (K4416-W-size)

- Lincoln® Industrial Duffel Bag (K3096-1)
- VIKING™ Black 1740 Series ADF Helmet (K3282-4)
- Traditional Khaki Flame Retardant Cloth Welding Jacket (K3317-size)
- Women's MIG/Stick Welding Gloves (K3232-size)
- Traditional Clear Safety Glasses (K3104-1)
- Leather TIG Gloves (K2981-M)
- Straight Head Chipping Hammer (K4022-1)
- Welding Pliers (K4014-1)
- 3x19 Carbon Steel Wire Brush (K3184-1)

Men's Intermediate Education Welding Gear Ready-Pak® (K4595-size)

- Industrial Flint Striker (K3727-1)
- Industrial C-Clamp (K3721-1)
- Industrial Tip Cleaner (K3724-1)
- Weld Fillet Gauge - Stainless Steel - 7 Piece Set (K3720-1)
- Traditional Lincoln® Clear Welding Safety Glasses (K3104-1)
- OMNIShield™ Clear Face Shield - Standard (K3750-1)
- VIKING™ 1840 Series Black Welding Helmet (K3023-4)
- DynaMIG® HD - Professional MIG Welding Gloves (K3806-size)
- 4 x 16 Row Carbon Steel Wire Brush (K3185-1)
- Welders All-In-One Backpack (K3740-1)
- Traditional Split Leather-Sleeved Welding Jacket (K3106-size)
- Radius® Welding Pliers (K4014-1)
- Chipping Hammer & Wire Brush Combo (K4021-1)
- Welding Doo Rag FR (K2993-ALL)
- Leather TIG Welding Gloves (K2981-size)

Women's Intermediate Education Welding Gear Ready-Pak® (K4595-W-size)

- Industrial Flint Striker (K3727-1)
- Industrial C-Clamp (K3721-1)
- Industrial Tip Cleaner (K3724-1)
- Weld Fillet Gauge - Stainless Steel - 7 Piece Set (K3720-1)
- Traditional Lincoln® Clear Welding Safety Glasses (K3104-1)
- Radius® Chipping Hammer (K4022-1)
- Women's DynaMIG™ HD - Professional MIG Welding Gloves (K5472-size)
- VIKING™ 1840 Series Black Welding Helmet (K3023-4)
- Radius® Welding Pliers (K4014-1)
- OMNIShield™ Clear Face Shield - Standard (K3750-1)
- 4 x 16 Row Carbon Steel Wire Brush (K3185-1)
- Women's MIG Stick Welding Gloves (K3232-S)
- Welders All-In-One Backpack (K3740-1)
- Welding Doo Rag FR (K2993-ALL)

Men's Advanced Welding Gear Ready-Pak® (K3699-Size)

- Weld Fillet Gauge - Stainless Steel - 7 Piece Set (K3720-1)
- Radius® Chipping Hammer (K4022-1)
- Axilite® Safety Glasses - Clear Anti-Fog/Scratch Lens (K4673-1)
- Welding Bandana - Lincoln® Camo w/ Black Headband (K4825-ALL)
- Premium 7 Series Elkskin Stick/MIG Welding Gloves (K4787-size)
- MX Series Premium TIG Welding Gloves (K5132-size)
- Radius® Welding Pliers (K4014-1)
- OMNIShield™ Clear Face Shield - Dual Coating (K3752-1)
- 4 x 16 Row Carbon Steel Wire Brush (K3185-1)
- XLR™ P100 Half Mask Welding Respirator (K4683-size)
- Welding Wire Brush Three Pack (K3189-1)
- VIKING™ 3350 Black Welding Helmet (K3034-4)
- Lincoln® Industrial Duffel Bag (K3096-1)
- Shadow Split Leather Sleeved Welding Jacket (K2986-size)



Shown:
Standard Welding Gear Ready-Pak®



Shown:
Women's Intermediate Education Welding Gear Ready-Pak®



Shown:
Men's Advanced Welding Gear Ready-Pak®

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

Women's Advanced Welding Gear Ready-Pak® (K3699-W-Size)

- Weld Fillet Gauge - Stainless Steel - 7 Piece Set (K3720-1)
- Radius® Chipping Hammer (K4022-1)
- Axilite® Safety Glasses - Clear Anti-Fog/Scratch Lens (K4673-1)
- Welding Bandana - Lincoln® Camo w/ Black Headband (K4825-ALL)
- MX Series Premium TIG Welding Gloves (K5132-size)
- Radius® Welding Pliers (K4014-1)
- OMNIShield™ Clear Face Shield - Dual Coating (K3752-1)
- XLR™ P100 Half Mask Welding Respirator (K4683-size)
- 4 x 16 Row Carbon Steel Wire Brush (K3185-1)
- Women's MIG Stick Welding Gloves (K3232-S)
- Women's Shadow FR Welding Jacket (K3114-size)
- Welding Wire Brush Three Pack (K3189-1)
- VIKING™ 3350 Black Welding Helmet (K3034-4)
- Lincoln® Industrial Duffel Bag (K3096-1)

Premium Welding Gear Ready-Pak® (K3715-Size)

- Industrial C-Clamp (K3721-1)
- Industrial Soap Stone Holder (K3725-1)
- Industrial Tip Cleaner (K3724-1)
- Weld Fillet Gauge - Stainless Steel - 7 Piece Set (K3720-1)
- Radius® Chipping Hammer (K4022-1)
- Axilite® Safety Glasses - Clear Anti-Fog/Scratch Lens (K4673-1)
- Welder's 2-in-1 Large Dufflepack (K4799-1)
- Arc Rated FR Welding T-Shirt (K5267-size)
- MX Series Premium TIG Welding Gloves (K5132-size)
- MX Series Premium A4 Cut Resistant MIG Gloves (K5131-size)
- OMNIShield™ XC Face Shield Protective Chin Guard (K3752-2 | K3752-2)
- Welding Bandana - Lincoln® Camo w/ Black Headband (K4825-ALL)
- XVI Series Heavy Duty Split Leather FR Welding Jacket (K4933-size)
- 4 x 16 Row Carbon Steel Wire Brush (K3185-1)
- Radius® Welding Pliers (K4014-1)
- XLR™ P100 Half Mask Welding Respirator (K4683-size)
- VIKING™ 3350 ADV Black Helmet Welding Helmet (K3034-5)

OMNIShield® XC PAPR

with Belt Mount (K5323-1)

- OMNIShield® XC Face Shield
- VIKING™ PAPR Blower Unit
- PAPR Back Pack Flame-Retardant Hose
- PAPR - Battery Charger - 115V (KP3932-1)
- PAPR - Shoulder Strap Assembly (KP5124-1)
- PAPR - Adjustable Leather Belt Assembly (KP5123-1)
- PAPR - Spark Screen (KP3936-1)
- PAPR VIKING™ Pre-filter (6/pk) (KP3935-1)
- VIKING™ PAPR - High Efficiency Particulate Filter (2/pk) (KP3424-2)· Industrial Duffel Bag

OMNIShield® XC PAPR with Back Pack Mount (K5323-2)

- OMNIShield® XC Face Shield
- VIKING™ PAPR Blower Unit
- VIKING™ PAPR Back Pack
- PAPR Back Pack Flame-Retardant Hose
- Two HEPA Filters (KP3424-2)
- PAPR - Battery Charger - 115V (KP3932-1)
- PAPR - Shoulder Strap Assembly (KP5124-1)
- PAPR - Adjustable Leather Belt Assembly (kP5123-1)
- PAPR - Spark Screen (KP3936-1)
- PAPR VIKING™ Pre-filter (6/pk) (KP3935-1)
- VIKING™ PAPR - High Efficiency Particulate Filter (2/pk) (KP3424-2)
- Industrial Duffel Bag

OMNIShield® XCF PAPR w/Belt Mount (K5324-1)

- OMNIShield® XCF Face Shield
- VIKING™ PAPR Blower Unit
- Shoulder Straps (KP5124-1)
- PAPR Back Pack Flame-Retardant Hose
- Two HEPA Filters (KP3424-2)
- Pre-Filter (KP3935-1)
- Spark Screen (KP3936-1)
- 120V Battery Charger (KP3932-1)
- Industrial Duffel Bag



Shown:
Premium Welding Gear Ready-Pak®



Shown:
VIKING™ 3350 PAPR



Shown:
VIKING™ 3350 XG PAPR

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

OMNIShield® XCF PAPR

with Back Pack (K5324-2)

- OMNIShield® XCF Face Shield
- VIKING™ PAPR Blower Unit (KP3944-1)
- VIKING™ PAPR Back Pack (KP5309-1)
- PAPR Back Pack Flame-Retardant Hose (KP5310-1)
- Two HEPA Filters (KP3424-2)
- Pre-Filter (KP3935-1)
- Spark Screen (KP3936-1)
- Extended Capacity Lithium Ion Battery (KP3938-1)
- 120V Battery Charger (KP3932-1)
- Industrial Duffel Bag

VIKING™ 3350 PAPR

with Standard Battery (K3930-1)

- VIKING™ 3350 XG PAPR Welding Helmet
- VIKING ™ PAPR Blower Unit (KP3944-1)
- Padded Belt 29-52 in. (73.7 - 132 cm) (KP5123-1)
- Two Shoulder Straps (KP5124-1)
- Hose with Flame Retardant
- Cover (KP5122-1)
- Two HEPA Filters (KP3424-2)
- Pre Filter (KP3935-1)
- Spark Screen (KP3936-1)
- Standard Capacity Lithium Ion Battery (KP3937-1)
- 120V Battery Charger (KP3932-1)
- Industrial Duffel Bag (K3096-1)
- Outside Cover Lenses 3350 Series (Qty 7) (KP2898-1)
- Inside Cover Lenses 3350 Series (Qty 7) (KP3044-1)

VIKING™ 3350 XG PAPR

with Standard Battery (K3930-4)

- VIKING™ 3350 XG PAPR Welding Helmet (KP3944-1)
- VIKING™ PAPR Blower Unit (KP5123-1)
- PAPR - Adjustable Leather Belt Assembly (KP5123-1)
- PAPR - Hose Assembly with Cover (KP5122-1)
- PAPR - Shoulder Strap Assembly (KP5124-1)
- PAPR - Spark Screen (KP3936-1)
- VIKING™ PAPR - High Efficiency Particulate Filter (2/pk) (KP3424-2)
- VIKING™ PAPR - Lithium Ion Battery - Standard Capacity (KP3937-1)
- PAPR - Battery Charger - 115V (KP3932-1)
- Industrial Duffel Bag (K3096-1)
- Outside Cover Lenses 3350 Series (Qty 7) (KP2898-1)
- Inside Cover Lenses 3350 Series (Qty 7) (KP3044-1)

with Extended Battery (K3930-6)

- VIKING™ 3350 XG PAPR Welding Helmet
- VIKING™ PAPR Blower Unit (KP3944-1)
- PAPR - Battery Charger - 115V (KP3932-1)
- PAPR - Shoulder Strap Assembly (KP5124-1)
- PAPR - Hose Assembly with Cover (KP5122-1)
- VIKING™ PAPR - Air Purifying Blower Assembly (KP3944-1)
- PAPR VIKING™ Pre-filter (6/pk) (KP3935-1)
- Outside Cover Lens (5/pk) (KP2898-1)
- PAPR - Adjustable Leather Belt Assembly (KP5123-1)
- PAPR - Spark Screen (KP3936-1)
- Inside Cover Lens (5/pk) (KP3044-1)
- Lincoln® Industrial Duffel Bag (K3096-1)
- VIKING™ PAPR - High Efficiency Particulate Filter (2/pk) (KP3424-2)

VIKING™ 3250D FGS® PAPR

with Standard Battery (K4550-1)

- VIKING™ 3250D FGS® PAPR Welding Helmet
- Outside Cover lens (158.2 x 100 x 1.2 mm) (5/pk) (KP3700-1)
- PAPR - Battery Charger - 115V (KP3932-1)
- PAPR - Shoulder Strap Assembly (KP5124-1)
- PAPR - Hose Assembly with Cover (KP5122-1)
- VIKING™ PAPR - Air Purifying Blower Assembly (KP3944-1)
- PAPR VIKING™ Pre-filter (6/pk) (KP3935-1)
- Inside Cover Lens (108.3 x 78.3 x 1 mm) (KP3701-1)
- PAPR - Adjustable Leather Belt Assembly (KP5123-1)
- PAPR - Spark Screen (KP3936-1)
- VIKING™ PAPR - Lithium Ion Battery - Standard Capacity (KP3937-1)
- VIKING™ PAPR - High Efficiency Particulate Filter (2/pk) (KP3424-2)



Shown:
OMNIShield® XC PAPR w/Back Pack



Shown:
VIKING™ 3250D FGS® PAPR with Standard Battery

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled



Shown:
VIKING™ 3250 FGS® Hard Hat PAPR w/ Standard Battery

with Extended Battery (K4550-3)

- VIKING™ 3250D FGS® PAPR Welding Helmet
- VIKING™ PAPR Blower Unit (KP3944-1)
- Padded Belt 29-52 in. (73.7 - 132 cm) (KP5123-1)
- Two Shoulder Straps (KP5124-1)
- Hose with Flame-Retardant Cover (KP5122-1)
- Two HEPA Filters (KP3424-2)
- Pre-Filter (KP3935-1)
- Spark Screen (KP3936-1)
- Extended Capacity Lithium Ion Battery (KP3938-1)
- 120V Battery Charger (KP3932-1)
- Industrial Duffel Bag
- Outside Cover Lenses - FGS® Series (5/pk) (KP3700-1)
- Inside Cover Lens (108.3 x 78.3 x 1 mm) (KP3701-1)

Hard Hat PAPR with Standard Battery (K4550-4)

- VIKING™ Hard Hat Helmet 3250D FGS® Black (KP4474-3)
- Blower Unit (KP3944-1)
- Head Cover (KP4978-1)
- Hose Assembly (KP5122-1)
- 2 Particulate Filters (KP3424-2)
- 29-52 in. (73.7 - 132 cm) Padded Belt (KP5123-1)
- Shoulder Strap (KP5124-1)
- 120 V Battery Charger (KP3932-1)
- Duffel Bag (K4799-1)
- Rechargeable Battery (KP3937-1)
- Pre-Filter (KP3935-1)
- Spark Guard (KP3936-1)

with Extended Battery (K4550-6)

- VIKING™ Hard Hat Helmet 3250D FGS® Black (KP4474-3)
- Blower Unit (KP3944-1)
- Head Cover (KP4978-1)
- Hose Assembly (KP5122-1)
- 2 Particulate Filters (KP3424-)
- 29-52 in. (73.7 - 132 cm) Padded Belt (KP5123-1)
- Shoulder Strap (KP5124-1)
- 120 V Battery Charger (KP3932-1)
- Duffel Bag (K4799-1)
- Rechargeable Battery (KP3938-1)
- Pre Filter (KP3935-1)
- Spark Guard (KP3936-1)

Replacement Parts » Welding Helmets

Product Name	Dimensions	Package Quantity	Product Number	VIKING™ Industrial Passive™	VIKING™ 1740 Series	VIKING™ 1840 Series	VIKING™ 2450 Series	VIKING™ 2450D Series	VIKING™ 3350 Series	VIKING™ 3250 D FGS® Series
Shade 11 Filter Plate	4.50 x 5.25 in (114 x 133 mm)	1	KP4003-1	•						
1740 ADF Cartridge	DIN 110 X 90	1	KP3284-2		•					
1840 ADF Cartridge	DINS 110 X 90	1	KP2853-3			•				
2450 Series ADF Cartridge	STD 4 X 5	1	KP2932-3				•			
2450D Series ADF Cartridge	STD 4 X 5	1	KP3243-3					•		
3350 Series ADF Cartridge	STD 4 X 5	1	KP3045-3						•	
1840 Inside Cover Lens	96 x 51.6 x 1.0 mm (3.78 x 2.03 x 0.04 in)	5	KP2897-1			•				
2450/3350 Outside Clear Cover Lens	114 x 133 x 1.0 mm (4.5 x 5.25 x 0.04 in)	5	KP2898-1	•			•	•	•	
2450/3350 Bulk Outside Cover Lens	114 x 133 x 1.0 mm (4.5 x 5.25 x 0.04 in)	50	KP4628-1	•			•	•	•	
2450 Inside Clear Cover Lens	98.5 x 66.5 x 1.0 mm (3.88 x 2.62 x 0.04 in)	5	KP2931-1				•	•		
1740/1840 Outside Clear Cover Lens	114 x 100 x 1.5 mm (4.5 x 3.94 x 0.06 in)	5	KP3043-1		•	•				
1740/1840 Bulk Outside Cover Lens	114 x 100 x 1.5 mm (4.5 x 3.94 x 0.06 in)	50	KP4627-1		•	•				
3350 Inside Clear Cover Lens	94.7 x 89.7 x 1.0 mm (3.73 x 3.53 x 0.04 in)	5	KP3044-1						•	
1740 Inside Clear Cover Lens Kit	95.9 x 47.2 x 1.00 mm (3.78 x 1.86 x 0.04 in)	5	KP3283-1		•					
CR2450 Lithium Battery	N/A	1	KP4491-1			•	•	•	•	
Retaining Frame	2 x 4.25 Frame, 2.5 Mag	1	KP4004-1	•						
Cheater Lens 1.00 Mag	2 x 4.25 Frame, 1.0 Mag	1	KP3046-100	•	•	•	•	•	•	
Cheater Lens 1.25 Mag	2 x 4.25 Frame, 1.25 Mag	1	KP3046-125	•	•	•	•	•	•	
Cheater Lens 1.50 Mag	2 x 4.25 Frame, 1.5 Mag	1	KP3046-150	•	•	•	•	•	•	
Cheater Lens 1.75 Mag	2 x 4.25 Frame, 1.75 Mag	1	KP3046-175	•	•	•	•	•	•	
Cheater Lens 2.00 Mag	2 x 4.25 Frame, 2.0 Mag	1	KP3046-200	•	•	•	•	•	•	
Cheater Lens 2.25 Mag	2 x 4.25 Frame, 2.25 Mag	1	KP3046-225	•	•	•	•	•	•	
Cheater Lens 2.50 Mag	2 x 4.25 Frame, 2.5 Mag	1	KP3046-250	•	•	•	•	•	•	
Sweatband	N/A	2	KP2930-1	•	•	•	•	•	•	
VIKING™ X6® Headgear™ Kit	N/A	1	KP4470-1	•	•	•	•	•	•	
VIKING™ Rachet Style Headgear Kit	N/A	1	KP4100-1	•	•	•	•	•	•	
VIKING™ Pivot Headgear Kit	N/A	1	KP3908-1	•	•	•	•	•	•	
Ratchet Style Headgear with Sweatband	N/A	1	KP4100-2		•					
Halo Style Hard Hat Adapter	N/A	1	KP3047-1	•	•	•	•	•	•	
VIKING™ Slotted Hard Hat Adapter	NA	1	KP3486-1	•	•	•	•	•	•	
Cotton Backpad for VIKING™ X6 Headgear	NA	2	KP4541-1	•	•	•	•	•	•	
Hard Hat Sweatband	N/A	1	KP4922-1							•
Grind Button Replacement	N/A	1	KP4560-1					•	•	
VIKING™ 3350 Series ADF Cartridge Kit	N/A	1	KP3045-2						•	

• Compatible

Replacement Parts » VIKING™ 3250D FGS™ Welding Helmet

Product name	Package Qty.	Product Number
FGS® 3250D - Outside Cover Lens	5	KP3700-1
FGS® 3250D - Inside Cover Lens	2	KP3701-1
FGS® 3250D - Inside Cover Lens (Bulk Packaging) 50/pk	50	KP5726-1
FGS® 3250D - Outside Cover Lens (Bulk Packaging) 50/pk	50	KP5725-1
FGS® 3250D - Clear Anti-Fog Grind Shield	1	KP3702-1
FGS® 3250D - Series ADF Cartridge	1	KP3703-3
FGS® 3250D - Replacement Shell (with inside windows)	1	KP3704-1
FGS® 3250D - Side Window Covers	2	KP3705-1
FGS® 3250D - Headgear	1	KP3706-1
FGS® 3250D - Slotted Hard Hat Adapter	1	KP3707-1
FGS® 3250D - Halo Style Hard Hat Adapter	1	KP3708-1
FGS® 3250D - Hard Hat Replacement	1	KP4977-1
FGS® 3250D - Hard Hat Helmet Assembly	1	KP4474-3
Sweatband	2	KP2930-1

Replacement Parts » OMNIShield™ Face Shields

Product Type	Description	Product Number
OMNIShield™ Replacement Face Shield Lenses	Replacement Clear Lens - Standard	KP3755-1
	Replacement Clear Lens - Anti-Fog	KP3756-1
	Replacement Clear Lens - Anti-Fog / Anti-Scratch	KP3757-1
	Replacement Lens - Shade 3 IR	KP3758-1
	Replacement Lens - Shade 5 IR	KP3759-1
	Replacement Lens - Shade 5 Flip-Up	KP4974-1
	Replacement Lens - Shade 8 Flip-Up	KP4975-1
OMNIShield™ Hard Hat Adapters	Slotted Hard Hat Adapter	KP3761-1
	Non-Slotted (Halo) Hard Hat Adapter	KP3762-1
OMNIShield™ Headpiece & Sweatbands	Headpiece (w/Headgear)	KP3760-1
	Sweatband (pack of 2)	KP3764-1
	Backpack Cushion	KP4636-1
OMNIShield™ XC PAPR Face Shield Headpiece		KP5327-1
OMNIShield™ PAPR Headcovering		KP5329-1
OMNIShield™ PAPR Overhead Covering		KP5330-1
OMNIShield™ XCF PAPR Flip-Up Headpiece		KP5328-1
OMNIShield™ Replacement Chin Guard		KP4637-1
OMNIShield™ PAPR Chin Guard		KP5354-1
OMNIShield™ Headpiece for Flip-Up Lenses		KP4976-1

Replacement Parts » VIKING™ Welding Helmet Replacement Shells

Product Name	Product Number
VIKING™ 1740 Black Replacement Shell	KP4803-1
VIKING™ 1840 5th Generation Replacement Shell – Matte Black	KP4802-2
VIKING™ 2450/3350 4th Gen Replacement Shell – Gloss Black	KP4560-1
VIKING™ 2450/3350 4th Gen Replacement Shell – Matte Black	KP4561-1
VIKING™ 3350/2450 Replacement Shell – All American®	KP4565-1
VIKING™ 3350/2450 Replacement Shell – Born to Weld	KP4575-1
VIKING™ 3350/2450 Replacement Shell – Code Red®	KP4577-1
VIKING™ 3350/2450 Replacement Shell – Daredevil™	KP4576-1
VIKING™ 3350/2450 Replacement Shell – Graveyard Shift®	KP4564-1
VIKING™ 3350/2450 Replacement Shell – Heavy Metal®	KP4581-1
VIKING™ 3350/2450 Replacement Shell – Hot Rodders™	KP4580-1
VIKING™ 3350/2450 Replacement Shell – Medieval®	KP4672-1
VIKING™ 3350/2450 Replacement Shell – Mojo®	KP4570-1
VIKING™ 3350/2450 Replacement Shell – Motorhead®	KP4569-1
VIKING™ 3350/2450 Replacement Shell – Steampunk™	KP4574-1
VIKING™ 3350/2450 Replacement Shell - Star-Spangled®	KP5560-2
VIKING™ 3350/2450 Replacement Shell – Street Rod®	KP4563-1
VIKING™ 3350/2450 Replacement Shell – Twisted Metal®	KP4571-1
VIKING™ 3350/2450 Replacement Shell – Zombie®	KP4578-1
VIKING™ 3350/2450 ADV Replacement Shell – Twisted Metal®	KP4571-2
VIKING™ 3350/2450 Replacement Shell - Red Strike™	KP5755-2
VIKING™ 3350/2450 Replacement Shell - Mythical™	KP5757-2
VIKING™ 3350/2450 Replacement Shell - Graffiti™	KP5761-2
VIKING™ 2450 ADV Replacement Shell – Intergalactic™	KP5247-2
VIKING™ 3250D FGS® PAPR Replacement Shell Including Side Window Installed – Black	KP3704-1
VIKING™ 3350 ADV Replacement Shell – Black	KP4561-2
VIKING™ 3350 ADV Replacement Shell – Code Red®	KP4577-2
VIKING™ 3350 ADV Replacement Shell – Daredevil™	KP4576-2
VIKING™ 3350 ADV Replacement Shell – Hot Rodders™	KP4580-2
VIKING™ 3350 ADV Replacement Shell – Mossy Oak® Country DNA®	KP5424-2
VIKING™ 3350 ADV Replacement Shell – Steampunk™	KP4574-2
VIKING™ 3350 XG PAPR Replacement Shell – Black	KP4704-1
VIKING™ FGS® PAPR Replacement Shell – Black	KP4472-1
FGS® 3250D PAPR Hard Hat Helmet Replacement Shell	KP4979-1

Accessories » Personal Respiratory Accessories and Parts

Product Type	Product Number
General	
OMNIShield® PAPR Chin Guard	KP5354-1
OMNIShield® XC PAPR Face Shield Headpiece	KP5327-1
OMNIShield® XCF PAPR Flip-Up Headpiece	KP5328-1
PAPR Spark Screen	KP3936-1
Helmets, Headpieces and Headcoverings	
3350 PAPR Headcovering w/Hook and Loop	KP3940-1
3350 PAPR Headgear w/Plenum and Sweatband	KP3942-1
3350 XG PAPR Welding Helmet Assembly	KP4638-1
3350 XG PAPR Replacement Helmet Shell	KP4704-1
FGS® PAPR Headcovering w/Hook and Loop	KP4473-1
FGS® PAPR Pivot Headgear	KP4471-1
FGS® PAPR Replacement Helmet Shell	KP4472-1
FGS® PAPR Welding Helmet Assembly	KP4474-1
Hard Hat Sweatband	KP4922-1
PAPR Front Sweatband	KP4639-1
OMNIShield® PAPR Headcovering	KP5329-1
OMNIShield® PAPR Headgear Back Pad	KP4636-1
OMNIShield® PAPR Overhead Covering	KP5330-1
PAPR FGS® Hard Hat Headcovering Replacement	KP4978-1
PAPR FGS® Hard Hat Helmet Shell Replacement	KP4979-1
PAPR FGS® Hard Hat Replacement	KP4977-1
VIKING™ PAPR 3350 Helmet Assembly w/Headgear and Headcovering	KP5121-1
VIKING™ PAPR 3350 Helmet Assembly	KP5121-2
VIKING™ FGS® Hard Hat Helmet Assembly	KP4474-3

Product Type	Product Number
Filter Components	
VIKING™ PAPR High Efficiency Particulate Filter 2/pk	KP3424-2
VIKING™ PAPR High Efficiency Particulate Filter 6/pk	KP3424-6
PAPR VIKING™ Pre-Filter 6/pk	KP3935-1
Battery & Blower	
Multi-Operator PAPR Battery Charger	KP3383-1
PAPR Battery Charger 115V	KP3932-1
VIKING™ PAPR Air Purifying Blower Assembly	KP3944-1
VIKING™ PAPR Lithium Ion Battery Standard Capacity	KP3937-1
VIKING™ PAPR Lithium Ion Battery Extended Capacity	KP3938-1
Belt, Back Pack, Hose & Straps	
3350 XG PAPR Replacement Back pad for Headgear	KP4640-1
PAPR Adjustable Leather Belt Assembly	KP5123-1
VIKING™ PAPR Back Pack	KP5309-1
VIKING™ PAPR Belt Extension	KP3939-1
PAPR Hose Assembly w/Cover	KP5122-1
VIKING™ PAPR Flame-Retardant Short Hose Cover	KP5311-1
VIKING™ PAPR Short Hose Assembly w/Cover	KP5310-1
PAPR Shoulder Strap Assembly	KP5124-1

Accessories » ArcSpecs™

Product Type	Description	Product Number
ArcSpecs™ Headcovering	Adjustable Cloth Balaclava	KP4645-1
ArcSpecs™ Headband	Replacement Elastic Headband	KP4646-1
ArcSpecs™ LED Light Kit	Smart LED light	KP4647-1
ArcSpecs™ Goggle Frame	Replacement Rubber Frame	KP4652-1
ArcSpecs™ Face Cover	Impact-Resistant Plastic Face Guard	KP4644-1
ArcSpecs™ Inside Cover Lenses	5/Pack Clear Polycarbonate Outside Cover Lenses	KP4649-1
ArcSpecs™ Outside Cover Lenses	5/Pack Clear Polycarbonate Cover Lenses For Arcspecs™ Auto-Darkening Goggles	KP4649-1
ArcSpecs™ LED Light Cover Lenses	5/Pack Clear Polycarbonate Cover Lenses For Led Light Module	KP4705-1



GUNS AND TORCHES

MAGNUM® PRO GUNS » L-Series · Curve™ HDE™ Series · Curve™ Series · Barrel Series · Barrel HDE™ Series · Water-Cooled Guns · Fume Guns · Innershield® · Robotic · Spool Guns · Push-Pull

MAGNUM® GUNS » 100 Series · 200 Series · 300 Series · 400 Series · 500 Series · 5G Spool Gun

SPECIALIZED GUNS » Submerged Arc · Innershield®

TIG TORCHES » PRO-Torch™ · Caliber™ · Air-Cooled · Water-Cooled

Magnum® PRO 100L Welding Gun

Light and Compact

- The large mass of the Magnum® PRO Copper Plus® contact tips help disperse heat, keeping tips cooler and expanding their life
- The Anti-Seize™ threads prevent tips from seizing in the diffuser
- The lightweight curved handle with soft rubber over molding enhances comfort and allows for an easier grip of the gun
- The 100L runs at 100% duty cycle using mixed gas, helping it withstand tough jobs



Processes
- MIG
- Pulsed MIG
- Flux-Cored

Compatible With:
POWER MIG® 140C
POWER MIG® 180C
POWER MIG® 180 Dual
POWER MIG® 140 MP®
POWER MIG® 211i

Literature
E12.31

Product Name	Product Number	Cable Length ft (m)	Rated Current (Amps)	Duty Cycle (%) Mixed Gas	Wire Diameter Range in (mm)
Magnum® PRO 100L 4-Pin	K4528-1	10 (3.0)	100	100	0.025-0.045 (0.6-1.2)
8-Pin	K4528-1-8P				
Magnum® PRO 100L w/ Miller® Connector	K4871-1				

Magnum® PRO 175L Welding Gun

Compact and Powerful

- The large mass of the Magnum® PRO Copper Plus® contact tips help disperse heat, keeping tips cooler and expanding their life
- The Anti-Seize™ threads prevent tips from seizing in the diffuser
- The lightweight curved handle with soft rubber over molding enhances comfort and allows for an easier grip of the gun
- The 175L runs at 100% duty cycle using mixed gas, helping it withstand tough jobs



Processes
- MIG
- Pulsed MIG
- Flux-Cored

Compatible With:
POWER MIG® 210 MP
POWER MIG® 215 MPi

Literature
E12.33

Product Name	Product Number	Cable Length ft (m)	Rated Current (Amps)	Duty Cycle (%) Mixed Gas	Wire Diameter Range in (mm)
Magnum® PRO 175L	K4529-1	10 (3.0)	175	100	0.025-0.045 (0.6-1.2)
Magnum® PRO 175L w/ Miller® Connector	K4872-1				

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Magnum® PRO 250L Welding Gun

Medium Duty MIG Welding Gun

- The large mass of the Magnum® PRO Copper Plus® contact tips help disperse heat, keeping tips cooler and expanding their life
- The lightweight curved handle with soft rubber over molding enhances comfort and allows for an easier grip of the gun
- The chrome plated gun tube prevents spatter from adhering to the gun tube, making it last longer



Processes
- MIG
- Pulsed MIG
- Flux-Cored

Compatible With:
POWER MIG® 256
POWER MIG® 260
POWER MIG® 262

Literature
E12.32

Product Name	Product Number	Cable Length ft (m)	Rated Current (Amps)	Duty Cycle (%) Mixed Gas	Wire Diameter Range in (mm)
Magnum® PRO 250L	K4530-2	15 (4.5)	250	100	0.025-0.045 (0.6-1.2)
Magnum® PRO 250L w/ Miller® Connector	K4873-2				
Magnum® PRO 250L - K466-10	K4874-2				

Magnum® PRO LFG 350 Fume Gun

Tailor Made Fume Solution

- Comfortable thanks to the over-molded handle, ball joint strain relief and use of lightweight materials
- Fume nozzle is designed to capture the maximum amount of fume while maintaining the proper shielding gas coverage
- Use of Magnum® PRO 550A expendables extends the life on front end parts



Processes
- MIG
- Pulsed MIG
- Flux-Cored

Output

Input
24 VDC

Literature
E12.402

Product Name	Product Number	Cable Length ft (m)	Rated Current (Amps) Mixed Gas	Duty Cycle (%) Mixed Gas	Wire Diameter Range in (mm)
Magnum® PRO LFG 350 Fume Gun	K4464-2	15 (4.6)	350	60	0.035-5/64 (0.9-2.0)
	K4464-3	20 (6.1)			
	K4464-4	25 (7.7)			

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Magnum® PRO Curve™ HDE™ Series

Heavy Duty. Ergonomic.

- The Curve HDE™, or Heavy Duty and Ergonomic, semiautomatic welding guns have the highest duty cycle rating in their class, making them ideal for rugged environments and high heat applications
- Lincoln Electric's long-lasting expendables are tailor-made to maximize the HDE™ line's performance
- Reduce downtime and easily change positions with the 360° rotating gun tube that can be loosened without the need for tools
- The soft rubber over molding and ergonomic shape of the handle reduces fatigue and enhances grip for better weld control



Shown: Magnum® PRO Curve™ HDE™ 450

Processes
- MIG
- Pulsed MIG
- Flux-Cored

Literature
E12.08
E12.08.1

Product Name	Product Number	Cable Length ft (m)	Rated Current (Amps) Mixed Gas	Duty Cycle (%) Mixed Gas	Wire Diameter Range in (mm)
Magnum® PRO Curve™ HDE™ 250	K4531-1	10 (3.0)	250	100	0.025-.045 (0.635-1.143)
	K4531-2	15 (4.5)			
	K4531-3	20 (6.1)			
	K4531-4	25 (7.6)			
Magnum® PRO Curve™ HDE™ 250 Ready-Pak®	K4531-2-10-45	15 (4.5)			
	K4531-2-6-45				
	K4531-2-3-45				
Magnum® PRO Curve™ HDE™ 250 Fast-Mate™ 15 Ft.	K4531-2-FM-45				
Magnum® PRO Curve™ HDE™ 250 Fast-Mate™ 25 Ft.	K4531-4-FM-45	25 (7.6)			
Magnum® PRO Curve™ HDE™ 350	K4532-1	10 (3.0)	350	100	0.035-5/64 (0.9-2.0)
	K4532-2	15 (4.5)			
	K4532-3	20 (6.1)			
	K4532-4	25 (7.6)			
Magnum® PRO Curve™ HDE™ 350 Dual Procedure	K5297-2	15 (4.5)			
	K5297-4	25 (7.6)			
Magnum® PRO Curve™ HDE™ 350 Dual Schedule	K5298-2	15 (4.5)			
	K5298-4	25 (7.6)			
Magnum® PRO Curve™ HDE™ 350 Ready-Pak®	K4532-2-10-45	15 (4.5)			
	K4532-2-6-45				
	K4532-2-3-45				
	K4532-2-1-45				
	K4532-2-10-116				
	K4532-2-6-116				
	K4532-2-3-116				
	K4532-2-1-116				
	K4532-2-FM-45	15 (4.5)			
	K4532-4-10-116	25 (7.6)			
	K4532-4-6-116				
	K4532-4-3-116				
	K4532-4-1-116				
	K4532-4-FM-45	25 (7.6)			
Magnum® PRO Curve™ HDE™ 350 HyperFill® Ready-Pak®	K5383-2-FM-047H	15 (4.6)			0.045 Hyperfill®
	K5383-2-10-047H				

Magnum® PRO Curve™ HDE™ Series, con't.

Product Name	Product Number	Cable Length ft (m)	Rated Current (Amps) Mixed Gas	Duty Cycle (%) Mixed Gas	Wire Diameter Range in (mm)
Magnum® PRO Curve™ HDE™ 450 Dual Procedure	K5299-2	15 [4.5]	450	100	0.035-5/64 (0.9-2.0)
	K5299-4	25 [7.6]			
Magnum® PRO Curve™ HDE™ 450 Dual Schedule	K5300-2	15 [4.5]			
	K5300-4	25 [7.6]			
Magnum® PRO Curve™ HDE™ 450	K4533-1	10 [3.0]			
	K4533-2	15 [4.5]			
	K4533-3	20 [6.1]			
	K4533-4	25 [7.6]			
Magnum® PRO Curve™ HDE™ 450 Ready-Pak®	K4533-2-10-564	15 [4.5]			
	K4533-2-3-564				
	K4533-2-7-332				
	K4533-2-3-332				
Magnum® PRO Curve™ HDE™ 450 HyperFill® Ready-Pak® Fast-Mate™	K5384-2-FM-047H				0.045 Hyperfill®
Magnum® PRO Curve™ HDE™ 450 HyperFill® Ready-Pak® K466-10	K5384-2-10-047H				
Magnum® PRO Curve™ HDE™ 550	K4534-1	10 [3.0]	550	100	0.035-1/8 (0.9-3.2)
	K4534-2	15 [4.5]			
	K4534-3	20 [6.1]			
	K4534-4	25 [7.6]			
Magnum® PRO Curve™ HDE™ 550 Ready-Pak®	K4534-2-7-332	15 [4.5]			
	K4534-2-3-332				

Magnum® PRO Barrel HDE™ Series

Heavy Duty. Ergonomic.

- The Magnum® PRO Barrel HDE™ guns have the highest duty cycle rating in their class, making them ideal for rugged environments and high heat applications
- Lincoln Electric's patented Magnum® PRO expendables are designed with both performance and productivity in mind. The premium performance helps extend the service life of the expendables, reducing downtime and total costs
- The bolt of the gun tube can be loosened without the need for tools and rotated 360°, so it is easy to position into a comfortable spot for welding



Shown: Magnum® PRO Barrel HDE™ 450 Gun

Processes
- MIG
- Pulsed MIG
- Flux-Cored

Literature
E12.390

Product Name	Product Number	Amperage Rating 100% Duty Cycle CO_2	Amperage Rating 100% Duty Cycle Mixed Gas	Wire Diameter Range in (mm)	Cable Length ft (m)
Magnum® PRO Barrel HDE™ 250 Guns	K4856-1	250	250	0.025 - 0.045 (0.6-1.2)[2]	10 (3.0)
	K4856-2				15 (4.5)
	K4856-3				20 (6.1)
	K4856-4				25 (7.6)
Magnum® PRO Barrel HDE™ 250 Ready-Pak®	K4856-2-1-45				15 (4.5)
	K4856-2-10-45				
	K4856-2-3-45				
	K4856-2-FM-45				
	K4856-4-FM-45				25 (7.6)
Magnum® PRO Barrel HDE™ 350 Guns	K4857-1	350	350	0.035 - 5/64 (0.9-2.0)[3]	10 (3.0)
	K4857-2				15 (4.5)
	K4857-3				20 (6.1)
	K4857-4				25 (7.6)
Magnum® PRO Barrel HDE™ 350 Dual Schedule	K5306-2				15 (4.5)
	K5306-4				25 (7.6)
Magnum® PRO Barrel HDE™ 350 Ready-Pak®	K4857-2-1-116				15 (4.5)
	K4857-2-10-116				
	K4857-2-3-116				
	K4857-2-FM-45				
	K4857-4-1-116				25 (7.6)
	K4857-4-10-116				
	K4857-4-3-116				
	K4857-4-FM-45				
Magnum® PRO Barrel HDE™ 450 Guns	K4858-1	450	450	0.035 - 5/64 (0.9-2.0)[1][4]	10 (3.0)
	K4858-2				15 (4.5)
	K4858-3				20 (6.1)
	K4858-4				25 (7.6)
Magnum® PRO Barrel HDE™ 450 Dual Schedule	K5308-2				15 (4.5)
	K5308-4				25 (7.6)
Magnum® PRO Barrel HDE™ 450 Ready-Pak®	K4858-2-1-564				15 (4.5)
	K4858-2-10-564				
	K4858-2-3-564				

(1) The 450A gun can be adapted to run up to 1/8 in. wire by using a KP45 series liner, a K613 series backend, and a 550A or 550A short gooseneck. The original 450A gooseneck cannot be used on wire larger than 5/64 in. (2.0 mm)
(2) 0.035-0.045 in. (0.9-1.2 mm) liner included in Ready-Pak®
(3) 0.052-1/16 in. (1.3-1.6 mm) liner included in Ready-Pak®
(4) 1/16-5/64 in. (1.6-2.0 mm) liner included in Ready-Pak®

Magnum® PRO Curve™ Series

Get in Front of the Curve

- The Curve™ handle is lightweight and balanced, providing a comfortable grip to reduce fatigue
- Utilizes Magnum® PRO expendables that increase the amount of arc-on time
- Copper Plus® contact tips feature a larger tip diameter that expands life and decreases tip changes
- Rotating gun tube reduces fatigue and allows the gun to fit into tight spaces



Shown: Magnum® PRO Curve 300 Series

Processes
- MIG
- Pulsed MIG
- Flux-Cored

Literature
E12.05

Product Name	Product Number	Cable Length ft (m)	Rated Current (Amps) CO_2 /Mixed	Duty Cycle (%) CO_2 /Mixed	Wire Diameter Range in (mm)
Magnum® PRO Curve™ 200 Series	K2950-1	10 (3.0)	200/150	60/60	0.025-3/64 (0.6-1.2)
	K2950-2	15 (4.5)			
Magnum® PRO Curve™ 200 Ready-Pak®	K2950-2-10-45[1]				
	K2950-2-FM-45				
Magnum® PRO Curve™ 300 Series	K2951-1	10 (3.0)	300/200	60/60	0.025-5/64 (0.6-2.0)
	K2951-2	15 (4.5)			
	K2951-3	20 (6.1)			
	K2951-4	25 (7.6)			
Magnum® PRO Curve™ 300 Dual Procedure (Switch Control)	K3130-1	10 (3.0)			
	K3130-2	15 (4.5)			
	K3130-3	20 (6.1)			
	K3130-4	25 (7.6)			
Magnum® PRO Curve™ 300 Dual Schedule (Trigger Control)	K3092-1	10 (3.0)			
	K3092-2	15 (4.5)			
	K3092-3	20 (6.1)			
	K3092-4	25 (7.6)			
Magnum® PRO Curve™ 300 Ready-Pak®	K2950-1	10 (3.0)			
	K2951-2-3-45	15 (4.5)			
	K2951-2-FM-45				
	K2951-2-6-45[1]				
	K2951-2-10-45[1]				
	K2951-2-10-116[2]				
Magnum® PRO Curve™ 400 Series	K2952-1	10 (3.0)	400/400	60/50	0.025-5/64 (0.6-2.0)
	K2952-2	15 (4.5)			
	K2952-3	20 (6.1)			
	K2952-4	25 (7.6)			
Magnum® PRO Curve™ 400 Dual Procedure (Switch Control)	K3098-1	10 (3.0)			
	K3098-2	15 (4.5)			
	K3098-3	20 (6.1)			
	K3098-4	25 (7.6)			
Magnum® PRO Curve™ 400 Dual Schedule (Trigger Control)	K3093-1	10 (3.0)			
	K3093-2	15 (4.5)			
	K3093-3	20 (6.1)			
	K3093-4	25 (7.6)			
Magnum® PRO Curve™ 400 Short Neck	K3055-1	10 (3.0)			
	K3055-2	15 (4.5)			
	K3055-3	20 (6.1)			
	K3055-4	25 (7.6)			
	K3055-2-10-45	15 (4.5)			
	K3055-2-6-45				
	K3055-3-6-45	20 (6.1)			
Magnum® PRO Curve™ 400 Ready-Pak®	K2952-2-1-116-550	15 (4.5)			
	K2952-2-1-564-550				
	K2952-2-10-45 [1]				
	K2952-2-10-45-550				
	K2952-2-3-45				
	K2952-2-3-45-550				
	K2952-2-6-45				
	K2952-2-FM-45				
	K2952-3-10-45-550	20 (6.1)			
	K2952-3-3-45				
	K2952-3-3-45-550				
	K2952-3-6-45				

Magnum® PRO Series

Robust Guns Configured for Any Application

- Built for extreme environment welding where heat-resistance and fast serviceability are key
- Rated at 100% duty cycle
- High quality copper and aircraft grade aluminum parts ensure superior electrical contact and heat dissipation
- Barrel-style handle is lightweight and balanced, providing a comfortable grip to reduce fatigue no matter how you hold the gun
- Internal bolted connections and dual trigger leads for faster repairs and less downtime



Shown: Magnum® PRO Barrel 550 Gun

Processes
- MIG
- Pulsed MIG
- Flux-Cored

Literature
E12.01

Product Name	Product Number	Cable Length ft (m)	Rated Current (Amps) CO_2 /Mixed	Duty Cycle (%) CO_2 /Mixed	Wire Diameter Range in (mm)
Magnum® PRO 250 Gun	K2651-1	10 (3.0)	250/250	100/100	0.035-5/64 (0.9-2.0)
	K2651-2	15 (4.5)			
	K2651-3	20 (6.1)			
	K2651-4	25 (7.6)			
Magnum® PRO 250 Ready-Pak®	K2651-2-6-45[1]	15 (4.5)			0.035-0.045 (0.9-1.2)
Magnum® PRO 350 Gun	K2652-1	10 (3.0)	350/285	100/100	0.035-5/64 (0.9-2.0)
	K2652-2	15 (4.5)			
	K2652-3	20 (6.1)			
	K2652-4	25 (7.6)			
Magnum® PRO 350 Dual Procedure (Switch Control)	K3131-1	10 (3.0)			
	K3131-2	15 (4.5)			
	K3131-3	20 (6.1)			
	K3131-4	25 (7.6)			
Magnum® PRO 350 Dual Schedule (Trigger Control)	K3132-1	10 (3.0)			
	K3132-2	15 (4.5)			
	K3132-3	20 (6.1)			
	K3132-4	25 (7.6)			
Magnum® PRO 350 Ready-Pak®	K2652-2-10-45[1]	15 (4.5)			0.035-0.045 (0.9-1.2)
Magnum® PRO 450 Gun	K2653-1	10 (3.0)	450/325	100/100	0.035-5/64 (0.9-2.0)
	K2653-2	15 (4.5)			
	K2653-3	20 (6.1)			
	K2653-4	25 (7.6)			
Magnum® PRO 450 Dual Procedure (Switch Control)	K3133-1	10 (3.0)			
	K3133-2	15 (4.5)			
	K3133-3	20 (6.1)			
	K3133-4	25 (7.6)			
Magnum® PRO 450 Dual Schedule (Trigger Control)	K3134-1	10 (3.0)			
	K3134-2	15 (4.5)			
	K3134-3	20 (6.1)			
	K3134-4	25 (7.6)			
Magnum® PRO 450 Ready-Pak®	K2653-2-10-45[1]	15 (4.5)			0.035-0.045 (0.9-1.2)

[1]Includes 0.035-0.045 in. (0.9-1.2 mm) liner and K466-6 connector kit

Magnum® PRO Series, con't.

Product Name	Product Number	Cable Length ft (m)	Rated Current (Amps) CO_2 / Mixed	Duty Cycle (%) CO_2 /Mixed	Wire Diameter Range in (mm)
Magnum® PRO 550 Gun	K2655-1	10 (3.0)	550/375	100/100	0.035-1/8 (0.9-3.2)
	K2655-2	15 (4.5)			
	K2655-3	20 (6.1)			
	K2655-4	25 (7.6)			
Magnum® PRO 550 Gun Dual Procedure (Switch Control)	K3135-1	10 (3.0)	550/375	100/100	0.035-1/8 (0.9-3.2)
	K3135-2	15 (4.5)			
	K3135-3	20 (6.1)			
	K3135-4	25 (7.6)			
Magnum® PRO 550 Gun Dual Schedule (Trigger Control)	K3136-1	10 (3.0)	550/375	100/100	0.035-1/8 (0.9-3.2)
	K3136-2	15 (4.5)			
	K3136-3	20 (6.1)			
	K3136-4	25 (7.6)			

Magnum® Arc Welding Guns

Classic Gas-Shielded Guns

- The one-piece modular trigger assembly is molded out of high heat resistant material to withstand heat and spatter and ensure long life
- Rotating gun tube and gun hanger clip
- Rated at 60% duty cycle



Processes
- MIG
- Pulsed MIG
- Flux-Cored

Literature
E12.10

Product Name	Cut Length ft (m)	Wire Diameter, in (mm)											
		0.025-0.035 (0.6-0.9)			0.035-0.045 (0.9-1.2)			0.052-1/16 (1.3-1.6)			1/16-5/64 (1.6-2.0)		
		Open-End	Fast-Mate™	Package	Open-End	Fast-Mate™	Package	Open-End	Fast-Mate™	Package	Open-End	Fast-Mate™	Package
Magnum® Guns Series													
100L	10 (3.0)			K530-5			K530-3 (FCAW-SS only)						
				K530-6[1]									
200	10 (3.0)				K497-2								
	15 (4.5)				K497-1	K498-1	K497-21[3]						
300	10 (3.0)				K470-1								
	15 (4.5)				K470-2		K1802-1[2]	K470-4			K470-6		
400 Standard	10 (3.0)				K471-1								
	15 (4.5)				K471-2	K479-2	K2286-1[2] K471-21[3]	K471-4	K479-4	K471-22[3]	K471-6	K479-6	
	20 (6.1)				K471-10			K471-11					
	25 (7.6)				K471-13			K471-14			K471-15		
400 Dual Schedule	15 (4.5)								K575-2				
400 Dual Procedure	15 (4.5)				K1722-2								
400 Short Neck	15 (4.5)				K541-3								
550	15 (4.5)							K598-7			K598-11[5]		

Magnum® 100L » [1]Includes 4-pin MS-Type connection for trigger control
Magnum® 200 » [2]Includes K466-1 Connector Kit
Magnum® 300 » [3]Includes K466-10 Connector Kit
Magnum® 400 Standard » [2]Includes K466-1 Connector Kit [3]Includes K466-10 Connector Kit
Magnum® 450WC » [4]0.035-1/16 in. (0.9-1.6 mm) Solid Wire, 0.045-5/64 in. (1.2-2.0 mm) Flux-Cored Wire
Magnum® 550 » [5]600A Open End 5/64-3/32 in. (2.0-2.4 mm) Solid Wire

Magnum® PRO Water-Cooled Guns

Improving Comfort and Performance

- Runs at 100% duty cycle using 90/10 mixed gas, making them ideal for high heat applications
- The large diameter and mass of the Magnum® PRO Copper Plus™ contact tips help disperse heat and keep the tips cooler, expanding their life
- The 500A water-cooled gooseneck design keeps the nozzle cool in high-heat applications
- The soft rubber over molding enhances comfort and allows for an easier grip of the gun



Shown: Magnum® PRO 500A Water-Cooled Gun

Processes
- MIG
- Pulsed MIG
- Flux-Cored
- Hyperfill®

Literature
E12.06

Product Name	Product Number	Cable Length ft (m)	Rated Current (Amps) Mixed Gas	Duty Cycle (%) Mixed Gas	Wire Diameter Range in (mm)
Magnum® PRO 400 Water-Cooled Gun					
Tweco® Backend	K4521-2-10-45	15 (4.5)	400	100	0.035-5/64 (0.9-2.0)
Fast-Mate™ Backend	K4521-2-FM-45				
Magnum® PRO 500 Water-Cooled Gun					
Tweco® Backend	K4522-2-10-45	15 (4.5)	500	100	0.035-5/64 (0.9-2.0)
	K4522-1-10-45	10 (3.0)			
	K4522-2-10-564	15 (4.5)			
	K4522-3-10-45	20 (6.1)			
	K4522-4-10-45	25 (7.6)			
	K4885-2-10-332	15 (4.5)			
Fast-Mate™ Backend	K4522-2-FM-45	15 (4.5)			
	K4522-1-FM-45	10 (3.0)			
	K4522-3-FM-45	20 (6.1)			
	K4522-4-FM-45	25 (7.6)			
	K4885-2-FM-332	15 (4.5)			

*Note that K4885-2-XX-332 guns come with an extended length gun tube

Magnum® PRO Barrel 500 Water-Cooled Guns

Designed to Tackle High Heat Applications

- Rated at 100% duty cycle using 90/10 mixed gas, making them ideal for heavy duty applications
- The large diameter and mass of the Magnum® PRO Copper Plus® contact tips help disperse heat and keep the tips cooler longer
- The barrel-style handle was designed to be used as a "trigger-on-top" welding gun
- Dual Procedure option available for changing between weld procedures on the fly



Processes
- MIG
- Pulsed MIG
- Flux-Cored
- HyperFill®

Literature
E12.380

Product Name	Product Number	Cable Length ft (m)	Rated Current (Amps) Mixed Gas	Duty Cycle (%) Mixed Gas	Wire Diameter Range in (mm)
Magnum® PRO Barrel 500 Water-Cooled Gun	K4879-2-10-564	15 (4.5)	500	100	.035-3/32 (0.9-2.4)
	K4879-3-10-564	20 (6.1)			
	K4879-4-10-564	25 (7.6)			
Magnum® PRO Barrel 500 Water-Cooled Gun - with Dual Procedure Switch	K4880-2-10-564	15 (4.5)			
	K4880-3-10-564	20 (6.1)			
	K4880-4-10-564	25 (7.6)			

Magnum® PRO Fume Guns

Semiautomatic Air-Cooled Fume Extraction Guns

- Rated at 100% duty cycle
- Innovative Strain Relief - Swivels to take pressure off the operator's wrist
- Copper Plus® contact tips feature a larger tip diameter that expands life and decreases tip changes
- Dual trigger leads for faster repairs and less downtime
- Anti-Seize™ tip and diffuser improve heat dissipation and increase part service life



Processes
- MIG
- Pulsed MIG
- Flux-Cored

Literature
E12.02

Product Name	Product Number	Cable Length ft (m)	Rated Current (Amps) CO_2 /Mixed	Duty Cycle (%) CO_2 /Mixed	Wire Diameter Range in (mm)
Magnum® PRO Fume Gun 550[1]	K2650-1	15 (4.5)	550/375	100/100	0.035-1/8 (0.9-3.2)

K126™ PRO Innershield® 350A Guns

The Leader in Construction Welding Guns

- Replaceable liner system
- Interchangeable gun connectors expand compatibility to a wide range of feeders
- Integrated trigger leads in coaxial cable improve protection against abrasion
- Stainless steel gun tube jacket resists spatter and extends life
- Available with a variety of reverse and non-reverse gun tube jackets



Processes
- Flux-Cored Self-Shielded

Literature
E12.111

Product Name	Product Number	Gooseneck Angle	Gun Connector Power Pin	Amperage Rating 60% Duty Cycle	Wire Diameter Range in (mm)	Cable Length ft (m)
K126™ PRO	K126-10	62°	Lincoln Electric K613-6	350	0.035-0.120 (0.9-3.0)	10 (3.0)
	K126-11					15 (4.5)
	K126-12		Tweco® #4 K466-10			
	K126-13	30°	Lincoln Electric K613-6			

Classic Innershield® Guns

Classic Flux-Cored Self-Shielded Guns

- Rugged and reliable, while remaining lightweight, flexible and maneuverable
- A number of models are offered for amperage ratings from 350 to 600 amps
- Rated at 60% duty cycle



Processes
- Flux-Cored Self-Shielded

Literature
E12.110

Product Name	Rated Current @ 60% Duty Cycle	Length ft (m)	Feeding Capability – Wire Diameter, in (mm)								Tube Angle
			0.062 (1.6)	1/16 (1.6)	0.068 (1.7)	0.072 (1.8)	5/64 (2.0)	3/32 (2.4)	7/64 (2.8)	0.120 (3.0)	
K126-1 Classic	350A	10 (3.0)	•	•	•	•	•	•			62°
K126-2 Classic		15 (4.5)	•	•	•	•	•	•			
K345-10		10 (3.0)			•	•	•				90°
K115-1	450A	10 (3.0)							•	•	82°
K115-2		15 (4.5)							•	•	
K115-3		10 (3.0)						•			
K115-4		15 (4.5)						•			
K115-8		15 (4.5)							•	•	45°
K115-10		15 (4.5)						•			
K116-2	600A	15 (4.5)							•	•	Straight

Submerged Arc Guns

For Hand-Held Submerged Arc Applications

- Suitable for 5/64 and 3/32 in. (2.0 and 2.4 mm) wire diameters
- Ideal for shorter submerged arc welds, or for submerged arc welds with poor fit-up that are better addressed by an operator than an automated setup
- Rated 600 amps



Processes
- Submerged Arc

Literature
lincolnelectric.com

Product Name	Product Number	Rated Current (Amps)	Wire Diameter Range in (mm)	Cable Length ft (m)
Submerged Arc Gun	K113-1	600	5/64 (2.0)	15 (4.5)
	K113-2	600	3/32 (2.4)	15 (4.5)
Mechanized Submerged Arc Gun	K114	600	5/64-3/32 (2.0-2.4)	15 (4.5)

Magnum® PRO Robotic Guns

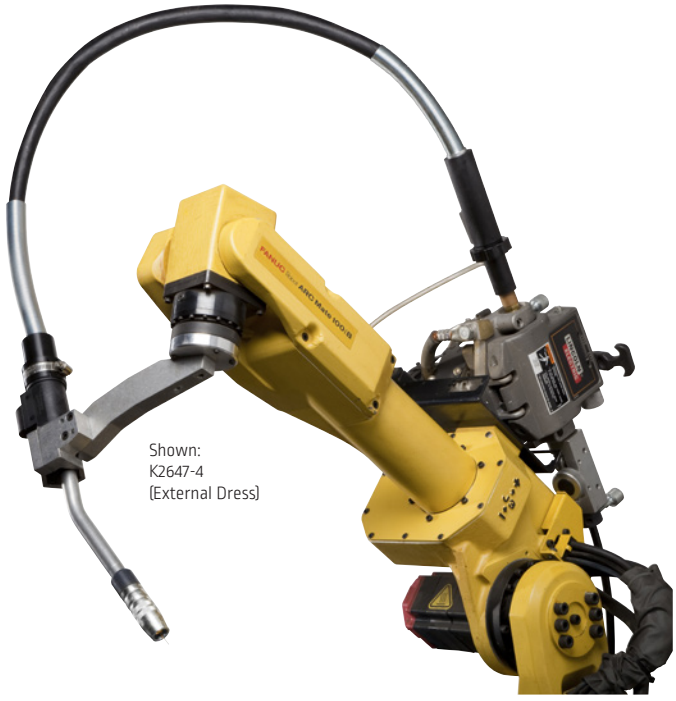
Designed For Long Life.

Hexagon-Shaped Connector Design Ensures Better Electrical Conductivity and Prevents Micro-Arcing:

- Cables exceed industry standards by a factor of two in durability
- Utilizes Magnum® PRO expendables that increase the amount of arc-on time
- Extended Life™ contact tips are designed with a chrome zirconium alloy to prevent annealing and wear
- Gun tube to diffuser interface design helps withstand more accidental crashes than traditional gun tubes
- Changing between 350A and 550A expendables does not alter the robot TCP, and parts are interchangeable between all gun models

Processes
- MIG
- Pulsed MIG
- Flux-Cored

Literature
E12.03



Shown:
K2647-4
(External Dress)

Specifications

Product Name	Product Number	Wire Diameter Range : in (mm)	Rated Current (Amps) @ Duty Cycle (CO_2)	Cable Length ft. (m)
External Dress Air Cooled				
Magnum® PRO Robotic 550	K2647-4	0.035-5/64 (0.9-2.0)	550 @ 100%	4 (1.2)
Magnum® PRO Robotic 550	K2647-4L			4 (1.2)
Magnum® PRO Robotic 550	K2647-5L			5.5 (1.7)
Magnum® PRO Robotic 550	K2647-8			8 (2.4)
Magnum® PRO Robotic 550	K2647-11			11 (3.3)
Thru-Arm Air Cooled (includes Nose Cone, Housing, and Cable Assembly)				
Magnum® PRO Thru-Arm Robotic 550 (100iC)	K3353-100iC	0.035-5/64 (0.9-2.0)	550 @ 100%	Predetermined length per robotic arm selection
Magnum® PRO Thru-Arm Robotic 550 (100iC) w/wire brake	K3353-100iCW			
Magnum® PRO Thru-Arm Robotic 550 (120iC)	K3353-120iC			
Magnum® PRO Thru-Arm Robotic 550 (120iC) w/wire brake	K3353-120iCW			
Magnum® PRO Thru-Arm Robotic 550 (100iC/6L)	K3353-100iC/6L			
Magnum® PRO Thru-Arm Robotic 550 (100iC/6L) w/wire brake	K3353-100iC/6LW			
Magnum® PRO Thru-Arm Robotic 550 (120iC/10L)	K3353-120iC/10L			
Magnum® PRO Thru-Arm Robotic 550 (120iC/10L) w/wire brake	K3353-120iC/10LW			

Magnum® PRO Robotic Guns

Specifications

Product Name Thru-Arm Air-Cooled Ready-Pak®	Product Number	Wire Diameter Range : in (mm)	Rated Current (Amps) @ Duty Cycle (CO_2)	Cable Length ft. (m)
FANUC® 100iC Ready-Pak®	K3359-100iC	0.035-5/64 (0.9-2.0)	550 @ 100%	Predetermined length per robotic arm selection
w/Air Blast	K3359-100iCA			
w/Wire Brake	K3359-100iCW			
FANUC® 100iC/6L Ready-Pak®	K3359-100iC/6L			
w/Air Blast	K3359-100iC/6LA			
w/Wire Brake	K3359-100iC/6LW			
FANUC® 100iC/8L Ready-Pak®	K3359-100iC/8L			
FANUC® 100iD	K3359-100iD			
w/Air Blast	K3359-100iDA			
w/Wire Brake	K3359-100iDW			
FANUC® 100iD/10L &120iD	K3359-100iD/10L			
w/Air Blast	K3359-100iD/10LA			
w/Wire Brake	K3359-100iD/10LW			
KUKA® KR8R2100HW	K3359-KR8R2100HW			
w/Air Blast	K3359-KR8R2100HWA			
w/Wire Brake	K3359-KR8R2100HWW			
FANUC® 120iC Ready-Pak®	K3359-120iC			
w/Air Blast	K3359-120iCA			
w/Wire Brake	K3359-120iCW			
FANUC® 120iC/10L Ready-Pak®	K3359-120iC/10L			
w/Air Blast	K3359-120iC/10LA			
w/Wire Brake	K3359-120iC/10LW			
FANUC® M710iC/12L Ready-Pak®	K3359-M710iC/12L			
Motoman® MA1440 Ready-Pak®	K3359-MA1440			
w/Air Blast	K3359-MA1440A			
w/Wire Brake	K3359-MA1440W			
Motoman® MA2010 Ready-Pak®	K3359-MA2010			
w/Air Blast	K3359-MA2010A			
w/Wire Brake	K3359-MA2010W			
ABB® IRB1520ID Ready-Pak®	K3359-1520ID			
w/Air Blast	K3359-1520IDA			
w/Wire Brake	K3359-1520IDW			
ABB® IRB1600ID Ready-Pak®	K3359-1600ID			
ABB® IRB1660ID Ready-Pak®	K3359-1660ID			
ABB® IRB2600ID-8/2.0 Ready-Pak®	K3359-2600ID-20			
ABB® IRB2600ID-15/1.85 Ready-Pak®	K3359-2600ID-185			
KUKA® KR6-R1820-HW Ready-Pak®	K3359-KR6R1820HW			
w/Air Blast	K3359-KR6R1820HWA			
w/Wire Brake	K3359-KR6R1820HWW			
KUKA® KR8-R1420-HW Ready-Pak®	K3359-KR8R1420HW			
w/Air Blast	K3359-KR8R1420HWA			
w/Wire Brake	K3359-KR8R1420HWW			

Magnum® PRO Water-Cooled Robotic Torches

Runs Cooler, Lasts Longer.

- Rated at 100% duty cycle at 525A with 90/10 mixed gas
- Conduction and convection cooling near the end of the torch keeps expendables cool. This expands the life of the expendables, increases the amount of arc-on time, and lowers replacement parts costs
- The gun tubes are designed with a robust inner and outer sheath that minimize damage upon crashing and improves TCP repeatability
- The unique design of the gun tubes cools both the inner and outer sheath of material. This allows the outside of the gun tubes to remain cool, which minimizes the amount of spatter that adheres to the gun tubes



Shown: Magnum® PRO Water-Cooled Robotic Torch

Processes
- MIG
- Pulsed MIG
- Flux-Cored
- Hyperfill®

Literature
E12.07

Product Name	Product Number	Wire Diameter Range : in (mm)	Rated Current (Amps) @ Duty Cycle (Mixed Gas)
Magnum® PRO Water-Cooled FANUC® Robotic Torches			
FANUC® 100iC/6L Robotic Torch One-Pak®	K3593-1	0.035-5/64 (0.9-2.0)	525 @ 100%
FANUC® 100iC/6L Robotic Torch One-Pak® w/Air Blast	K3593-1A		
FANUC® 120iC/10L Robotic Torch One-Pak®	K3593-2		
FANUC® 120iC/10L Robotic Torch One-Pak® w/Air Blast	K3593-2A		
FANUC® 100iC Robotic Torch One-Pak®	K3593-3		
FANUC® 100iC/8L Robotic Torch One-Pak®	K3593-4		
FANUC® 100iC/8L Robotic Torch One-Pak® w/Air Blast	K3593-4A		
FANUC® 120iC Robotic Torch One-Pak®	K3593-5		
FANUC® M710iC/12L Robotic Torch One-Pak®	K3593-6		
FANUC® M710iC/12L Robotic Torch One-Pak® w/Air Blast	K3593-6A		
FANUC® 100iD Robotic Torch One-Pak®	K3593-7		
FANUC® 100iD/10L Robotic Torch One-Pak®	K3593-8		
FANUC® 100iD/10L Robotic Torch One-Pak® w/Air Blast	K3593-8A		
FANUC® 100iD/8L Torch One-Pak®	K3593-9		
FANUC® 100iD/8L Torch One-Pak® w/Air Blast	K3593-9A		
FANUC® M710iC/12L Torch One-Pak®	K3593-10		
FANUC® M710iC/12L Torch One-Pak® w/Air Blast	K3593-10A		
FANUC® 120iD/12L Torch One-Pak®	K3593-29		
FANUC® 120iD/12L Torch One-Pak® w/Air Blast	K3593-29A		
Magnum® PRO Water-Cooled ABB® IRB Robotic Torches			
ABB® IRB 1520ID Robotic Torch One-Pak®	K3593-12	0.035-5/64 (0.9-2.0)	525 @ 100%
ABB® IRB 1520ID Robotic Torch One-Pak® w/Air Blast	K3593-12A		
ABB® IRB 1660ID Robotic Torch One-Pak®	K3593-14		
ABB® IRB 1660ID Robotic Torch One-Pak® w/Air Blast	K3593-14A		
ABB® IRB 2600ID-15/1.85 Robotic Torch One-Pak®	K3593-15		
ABB® IRB 2600ID-15/1.85 Robotic Torch One-Pak® w/Air Blast	K3593-15A		
ABB® IRB 2600ID-8/2.0 Robotic Torch One-Pak®	K3593-16		
ABB® IRB 2600ID-8/2.0 Robotic Torch One-Pak® w/Air Blast	K3593-16A		
Magnum® PRO Water-Cooled KUKA® Robotic Torches			
KUKA® KR6R1820HW Robotic Torch One-Pak®	K3593-20	0.035-5/64 (0.9-2.0)	525 @ 100%
KUKA® KR6R1820HW Robotic Torch One-Pak® w/Air Blast	K3593-20A		
KUKA® KR8R1420HW Robotic Torch One-Pak®	K3593-21		
KUKA® KR8R1420HW Robotic Torch One-Pak® w/Air Blast	K3593-21A		
KUKA® KR8R2100HW Robotic Torch One-Pak®	K3593-22		
KUKA® KR8R2100HW Robotic Torch One-Pak® w/Air Blast	K3593-22A		

Magnum® PRO Water-Cooled Robotic Guns, con't.

Product Name	Product Number	Wire Diameter Range : in (mm)	Rated Current (Amps) @ Duty Cycle (CO_2)
Magnum® PRO Water-Cooled Motoman Robotic Torches			
Motoman® MA1440 (w/K2685-1 feeder) Robotic Torch One-Pak®	K3593-23	0.035-5/64 (0.9-2.0)	525 @ 100%
Motoman® MA1440 (w/K2685-1 feeder) Robotic Torch One-Pak® w/Air Blast	K3593-23A		
Motoman® MA2010 Robotic Torch One-Pak®	K3593-24		
Motoman® MA2010 Robotic Torch One-Pak® w/Air Blast	K3593-24A		
Motoman® MA1440 (w/K3561-1) Robotic Torch One-Pak®	K3593-28		
Motoman® MA1440 (w/K3561-1) Robotic Torch One-Pak® w/Air Blast	K3593-28A		

Magnum® PRO Water-Cooled External Dress Robotic Torch One-Pak®

Runs Cooler. Lasts Longer.

- Runs at 100% duty cycle at 650A with 90/10 mixed gas
- Conduction and convection cooling near the end of the torch keeps expendables cool which expands the life of the expendables, increases the amount of arc-on time, and lowers replacement parts costs
- The unique design of the gun tubes cools both the inner and outer sheath of material minimizing the amount of spatter that adheres to the gun tubes



Processes
- MIG
- Pulsed MIG
- FCAW

Output

Input

24 VDC

Literature
e12.07

Product Name	Product Number	Length ft (m)	Wire Size Range in (mm)	Rated Current/ Duty Cycle	Type
Magnum® PRO Water-Cooled External Dress Robotic Torch One-Pak®	K5415-4	4 (1.2)	0.035 - 3/32 (0.9-2.0)	100% @ 650A	Standard
	K5415-4W				Wire Brake
	K5415-4L	4.5 (1.4)			Standard
	K5415-4LW				Wire Brake
	K5415-5L	5.5 (1.7)			Standard
	K5415-5LW				Wire Brake
	K5415-6L	6.5 (2.0)			Standard
	K5415-6LW				Wire Brake
	K5415-8	8 (2.4)			Standard
	K5415-8W				Wire Brake
	K5415-9L	9.5 (2.9)			Standard
	K5415-9LW				Wire Brake
	K5415-11	11 (3.4)			Standard
	K5415-11W				Wire Brake

Magnum® PRO 650A Water-Cooled Mechanized Torch

Extreme Durability for Hard-Automation

- Designed to withstand and perform in high-temp, high-amperage applications
- Flexible mounting options for easy integration within a new or existing mechanized solution
- Premium expendable performance with our field-proven, long-lasting Magnum® PRO expendable
- Specifically engineered to be the ideal solution for our patented HyperFill® or Process HDT™ weld processes



Processes
- MIG
- Pulsed MIG
- FCAW
- HyperFill®

Literature
E12.405

Product Name	Product Number	Length ft (m)	Wire Size Range in (mm)	Rated Current @ Duty Cycle
Magnum® PRO 650A Water-Cooled Mechanized Torch	K5333-3-10-564	3 [0.914]	0.035-3/32 [0.9-2.4]	650A @100%
	K5333-5-10-564	5 [1.5]		
	K5333-8-10-564	8 [2.4]		
	K5333-10-10-564	10 [3.0]		
	K5333-10-FM-564			
	K5333-15-10-564	15 [4.6]		
	K5333-15-FM-564			
	K5333-25-10-564	25 [7.6]		

Magnum® SG Spool Gun

Full-Control Wire Feeding

- Large handle and trigger for easy use with gloved hands
- Clear spool gun drive cover makes it easy to check the wire drive path
- Rugged nozzle designed to withstand harsh industrial environments
- 250 amp rating and generous 25 ft. (7.5 m) gun cable



Processes
- MIG

Literature
E12.22

Product Name	Product Number	Length ft (m)	Wire Size Range in (mm)	Rated Current/ Duty Cycle	Machine	Adapter
Magnum® SG Spool Gun	K487-25	25 (7.5)	.025-3/64 (0.6-1.2)	250A/60%	POWER MIG® 256	K2445-1

Magnum® PRO 100SG Spool Gun

Precise Feeding Performance

- Lightweight and easy to use
- Ergonomic grip and balanced design
- Excellent trigger feedback, even through a welding glove
- No bulky adapter module required
- Premium Magnum® PRO expendable gun parts improve heat dissipation and extend life



Processes
- MIG

Literature
E12.20

Product Name	Product Number	Length ft (m)	Wire Size Range in (mm)	Rated Current/ Duty Cycle	Connection Type	Machine	Adapter
Magnum® PRO 100SG	K3269-1	10 (3.0)	0.030-0.035 (0.8-0.9)	130A/30%	4-Pin	Power MIG® 211i Power MIG® 215MPi SP-140T	None
	K4360-1				8-Pin	POWER MIG® 140MP MIG-Pak® 140 LE31MP	

Magnum® PRO 150SG Spool Gun

Precise Feeding Performance

- An affordable solution for reliable and precise wire feeding performance with soft aluminum wire
- Caters to both experienced and hobbyist welders using Lincoln Electric compact wire feeder/welders
- Ergonomic, Balanced Design - lightweight and easy to handle for extended welding sessions
- Optional, removable second handle provides improved and personalized grip options.
- Hassle Free Set Up - Connects directly to both 4-pin and 8-pin machines



Processes
- MIG

Literature
E12.21

Product Name	Product Number	Length ft (m)	Wire Size Range in (mm)	Rated Current @ Duty Cycle	Machine	Adapter
Magnum® PRO 150SG Spool Gun	K5471-1	15 (4.5)	0.030-0.035 (0.8-0.9)	150A @ 100%	POWER MIG® 216	None
					POWER MIG® 210 MP	None
					POWER MIG® 140C	None
					POWER MIG® 180 Dual	None
					POWER MIG® 211i	K2910-1
					POWER MIG® 215 MPi™	
					SP-140T	
					SP-180T	
					POWER MIG®	
					MIG-Pak 140*	
					LE31MP*	

* 8 Pin

Magnum® PRO 250LX™ Spool Gun

Versatility Without Hassle

- For home, farm, small shop projects, autobody work and light maintenance or repair
- Utilizes Magnum® PRO expendables that increase the amount of arc-on time
- Connects easily and effectively to multiple MIG machines
- Adjust wire speed remotely at the gun for fewer trips back to the power source
- Tool-less drive roll tension makes fine adjustments easy



Processes
- MIG
- Pulsed

Literature
E12.29

Product Name	Product Number	Length ft (m)	Wire Size Range in (mm)	Rated Current @ Duty Cycle	Machine	Adapter
Magnum® PRO 250LX™ Spool Gun	K3570-2	25 (7.5)	ALUMINUM: 0.030-3/64 (0.8-1.2) STEEL: 0.025-0.035 (0.6-0.9)	MIXED GAS: 280A @ 60% 200A @ 100%	POWER MIG® 256	None
					POWER MIG® 260	None
					POWER MIG® 262	None
					POWER MIG® 360MP	None
					Power Wave® C300	K2910-1

Magnum® PRO 250LX™ GT Spool Gun

Productivity Without Hassle

- Plugs directly into the Ranger® 260MPX™ and 330MPX™ without the need for an additional adapter, making setup easy
- Utilizes premium Magnum® PRO expendables for extended contact tip life, increasing the amount of arc-on time
- The built-in gas valve allows gas flow to be controlled at the trigger, making the gun compatible with machines that do not have internal solenoids
- Adjust wire speed remotely at the gun for fewer trips back to the power source
- Tool-less drive roll tension makes fine adjustments easy



Processes
- Aluminum MIG
- Steel MIG
- Pulsed MIG

Literature
E12.28

Product Name	Product Number	Length ft (m)	Wire Size Range in (mm)	Machine	Rated Current @ Duty Cycle
Magnum® PRO 250LX™ GT Spool Gun	K3569-2	25 (7.6)	ALUMINUM: 0.030-3/64 (0.8-1.2) STEEL: 0.025-0.035 (0.6-0.9)	Ranger® 260MPX Ranger® 330MPX Ranger® Air 260MPX	MIXED GAS: 280A @ 60% MIXED GAS: 200A @ 100%

Cougar™ Semiautomatic Pistol-Grip Air-Cooled Push-Pull Guns

Comfortable Grip. Industrial Performance.

- Fatigue-reducing design is intended for operators who prefer an upright pistol-grip
- Sure-Grip™ handle is lightweight, balanced and fits comfortably in either hand
- Premium Magnum® PRO expendable gun parts improve heat dissipation and extend life
- Our slip-fit dual-groove drive rolls install without tools and feature a D-contour to prevent unwanted spinning



Processes
- MIG
- Pulsed MIG
- Flux-Cored

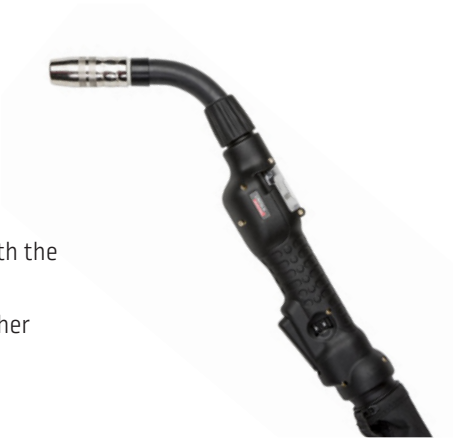
Literature
E12.16

Product Name	Product Number	Current Rated Current 100% Argon	Wire Diameter Range in (mm)	Cable Length ft (m)
Cougar™ Pistol-Grip Air-Cooled Guns				
7-pin	K2704-2	300A @ 60% Duty Cycle	0.035-1/16 (0.9-1.6)	25 (7.6)
	K2704-3			50 (15.2)

Magnum® PRO AL Fixed Conduit 225 Air-Cooled Push-Pull Guns

Superior Features. Superior Feeding for Aluminum.

- Conduit liner is a fixed, rigid all-in-one liner which provides improved feeding of soft aluminum wire
- Can be used on any 7 pin machine or feeder when paired with the K2910-2 12 pin to 7 pin adapter
- Uses Magnum® PRO expendables common with all of our other Magnum® PRO MIG guns
- Rotatable Gun Tube - With 360° of rotation, these guns can tackle any welding joint configuration



Processes
- MIG
- Pulsed MIG for Aluminum

Output

Input
24 VDC

Literature
E12.14

Product Name	Product Number 12-Pin	Current Rated Current 100% Argon	Wire Diameter Range in (mm)	Cable Length ft (m)
Magnum® PRO AL FC 225 Air-Cooled Push Pull Guns				
Front Trigger	K4797-1	225A @ 60% Duty Cycle	0.035-1/16 (0.9-1.6) aluminum and cored wire	15 (4.6)
	K4797-2			25 (7.6)
	K4797-3			35 (10.7)
	K4797-4			50 (15.2)
Rear Trigger	K4795-1			15 (4.6)
	K4795-2			25 (7.6)
	K4795-3			35 (10.7)
	K4795-4			50 (15.2)

Magnum® PRO AL Fixed Conduit 450 Water-Cooled Push-Pull Guns

Superior Features. Superior Feeding for Aluminum.

- Fixed Conduit Liner is a fixed, rigid all-in-one liner which provides improved feeding of soft aluminum wire and is backwards compatible with all Magnum® PRO AL Barrel Style Push-Pull Guns
- Can be used on any 7 pin machine or feeder when paired with the K2910-2 12 Pin to 7 Pin Adapter
- Uses Magnum® PRO expendables common with all of our other Magnum® PRO MIG guns
- With 360° of rotation, the Magnum® PRO AL FC Push-Pull Guns can tackle any welding joint configuration



Processes
- MIG
- Pulsed MIG for Aluminum

Output

Input
24 VDC

Literature
E12.14

Product Name	Product Number 12-Pin	Current Rated Current 100% Argon	Wire Diameter Range in (mm)	Cable Length ft (m)
Magnum® PRO AL FC 450 Water-Cooled Push Pull Guns				
Rear Trigger	K4796-1	450A @ 60% Duty Cycle	0.035-1/16 (0.9-1.6) aluminum and cored wire	15 (4.6)
	K4796-2			25 (7.6)
	K4796-3			35 (10.7)
	K4796-4			50 (15.2)
Front Trigger	K4798-1			15 (4.6)
	K4798-2			25 (7.6)
	K4798-3			35 (10.7)
	K4798-4			50 (15.2)

Magnum® PRO AL Pistol Grip Push-Pull Guns

A Lightweight Gun for Heavy-Duty Aluminum Work

- Superior push-pull wire feeding technology – Reduces friction in the wire feed path, resulting in smooth feeding and minimizing damage to the wire
- Quick-Change Liner – Simply remove the liner nut to easily access the liner
- Magnum® PRO expendables – Utilizes common expendables with all Magnum® PRO MIG Guns. 550A expendables are standard with the Magnum® PRO AL
- Lightweight, ergonomic handle – Intended for heavy duty work but light in weight with a well-balanced pistol grip to fit in either hand
- Recessed adjustment dial – Conveniently located at the rear of the handle to prevent a change while welding
- Removable drive roll cover – Easy access to wire and drive rolls



Processes
- MIG
- Pulsed MIG (for Aluminum)

Output
24 VDC

Input

Literature
E12.17

Product Name	Product Number 12-Pin	Current Rated Current 100% Argon	Wire Diameter Range in (mm)	Cable Length ft (m)
Magnum® PRO AL Pistol Grip Push-Pull Guns				
Pistol Air Model	K3478-1	220A @ 60% Duty Cycle	0.035-1/16 (0.9-1.6) Aluminum Wire	15 (4.6)
	K3478-2			25 (7.6)
	K3478-3			35 (10.7)
Pistol Water Model	K3479-1	320A @ 60% Duty Cycle	0.035-0.045 (0.9-1.2) Steel Wire	15 (4.6)
	K3479-2			25 (7.6)

Magnum® PRO Curve™ 300 AL Push Gun

Cost Effective Aluminum Welding

- Smooth feeding of larger diameter aluminum wire from the feeder to the work piece for up to 10 feet
- The rigid liner is designed to minimize resistance of the wire to prevent feeding issues
- An economical aluminum welding solution for short distance applications
- Our Curve™ handle is lightweight and balanced, providing a comfortable grip to reduce fatigue



Processes
- Aluminum MIG
- Pulsed MIG (For Aluminum)

Literature
E12.34

Product Name	Product Number	Cable Length	Rated Current (Amps) Argon	Duty Cycle (%) Argon	Wire Diameter Range In (mm)
Magnum® PRO Curve™ 300 AL Push Gun	K4700-1-6-116A	10 (3.0)	225	80	3/64 – 1/16 (1.2 – 1.6)
	K4700-1-10-116A				
	K4700-1-FM-116A				

Caliber™ TIG Torches

Premium Torches Designed for Durability and Ergonomics

- Choose Air-Cooled or Water-Cooled, determined by the amperage range your procedure requires
- Lightweight, ultra-flexible cables are nylon braided for ultimate flexibility and abrasion resistance
- All Caliber™ TIG Torches are compatible with industry standard front end TIG expendables
- Premium internal design and materials offer precise performance and superior longevity
- Lightweight, ergonomic handle made of durable nylon with inlayed silicone to improve grip and reduce finger fatigue



Processes
- TIG

Literature
E12.370

Product Name	Part Number	Torch Type	Torch Head Type	Duty Cycle Rating A	Cable Length ft (m)	Number of Cables	Cable Style	Cooling Type
Caliber™ 9 Series Air-Cooled TIG Torch	K4844-9-1	9 Series	Rigid	60% @ 125	12.5 (3.8)	1	Ultra-Flex™	Air
	K4844-9F-1		Flexible					
	K4844-9FV-1		Flex/Valve					
	K4844-9-2		Rigid		25 (7.6)			
	K4844-9F-2		Flexible					
	K4844-9FV-2		Flex/Valve					
Caliber™ 17 Series Air-Cooled TIG Torch	K4841-17-1	17 Series	Rigid	60% @ 150	12.5 (3.8)			
	K4841-17F-1		Flexible					
	K4841-17FV-1		Flex/Valve					
	K4841-17-2		Rigid		25 (7.6)			
	K4841-17F-2		Flexible					
	K4841-17FV-2		Flex/Valve					
Caliber™ 26 Series Air-Cooled TIG Torch	K4842-26-1	26 Series	Rigid	60% @ 200	12.5 (3.8)			
	K4842-26F-1		Flexible					
	K4842-26FV-1		Flex/Valve					
	K4842-26-2		Rigid		25 (7.6)			
	K4842-26F-2		Flexible					
	K4842-26FV-2		Flex/Valve					
Caliber™ 9 Series Air-Cooled TIG Torch Ready-Pak®	K5340-9-1[1]	9 Series	Rigid	60% @ 125A	12.5 (3.8)			
	K5340-9F-1[1]		Flexible					
Caliber™ 17 Series Air-Cooled TIG Torch Ready-Pak®	K5339-17-1[1]	17 Series	Rigid	60% @ 150A				
	K5339-17F-1[1]		Flexible					
Caliber™ 20 Series Air-Cooled TIG Torch Ready-Pak®	K5359-20-2	20 Series	Rigid		25 (7.6)			
	K5359-20F-2		Flexible					
Caliber™ 18 Series Water-Cooled TIG Torch	K4843-18-1	18 Series	Rigid	100% @ 350	12.5 (3.8)	3		Water
	K4843-18F-1		Flexible					
	K4843-18-2		Rigid		25 (7.6)			
	K4843-18F-2		Flexible					
Caliber™ 20 Series Water-Cooled TIG Torch	K4845-20-1	20 Series	Rigid	100% @ 250	12.5 (3.8)			
	K4845-20F-1		Flexible					
	K4845-20-2		Rigid		25 (7.6)			
	K4845-20F-2		Flexible					
Caliber™ 20 Series Water-Cooled TIG Torch Ready-Pak®	K5359-20-2[2]	20 Series	Rigid	100% @ 250	25 (7.6)			
	K5359-20F-2[2]		Flexible					

(1) Ready-Pak® Torches come with front end expendables and connectors kit (K1622-1) needed to weld out of the box.

(2) Ready-Pak® Torches come with front end expendables and connectors kit (K1622-4) needed to weld out of the box.

PRO-Torch™ TIG Torches

- Great choice for low amperage applications
- Available as a basic fixed head torch or also with Ultra-Flex™ cable for added manueverability
- The knurled surface of the handle provides a solid non-slip grip and precise control of the torch
- Rated 125 amps at 60% duty cycle



Processes
- TIG

Literature
E12.150

	Part Number	Torch Type	Torch Head Type	Duty Cycle Rating A	Cable Length ft (m)	Number of Cables	Cable Style	Cooling Type
PTA-9 Series	K1781-1	9 Series	Rigid	60% @ 125	12.5 (3.8)	1	Standard	Air
	K1781-9[1]		Flexible				Ultra-Flex™	
	K1782-16[1]		Rigid					
PTA-17 Series	K1782-1	17 Series	Rigid	60% @ 150	12.5 (3.8)	1	Standard	
	K1782-12						Ultra-Flex™	
	K1782-14[1]		Flexible			1		
	K1782-15							
	K1782-6		Valve			1	Standard	
	K1782-7					2		
	K1782-13		Flex/Valve			1	Ultra-Flex™	
	K1782-3		Rigid		25 (7.6)	1	Standard	
	K1782-10		Flexible			1		
	K1782-18[1]						Ultra-Flex™	
	K1782-11		Flex-Valve			1	Standard	
PTA-26 Series	K1783-1	26 Series	Rigid	60% @ 200	12.5 (3.8)	1	Standard	
	K1783-7		Valve			2		
	K1783-3		Rigid		25 (7.6)	1		
	K1783-4					2		
	K1783-10		Flexible			1		
	K1783-9		Valve			2		
	K1783-11		Flex/Valve			1		
PTW-18 Series	K1784-1	18 Series	Rigid	100% @ 350	12.5 (3.8)	3	Standard	Water
	K1784-2				25 (7.6)			
PTW-20 Series	K1784-3	20 Series		100% @ 250	12.5 (3.8)			
	K1784-4				25 (7.6)			
PTA-26V Pipefitter Special TIG Torch	K2504-1			200A @ 60%	12.5 (3.8)	1		

(1) Ready-Pak® Torches come with front end expendables and connectors kit (K1622-1) needed to weld out of the box.

Machine Connection Guide - TIG Torches

Machine	Connection Type	9/17 Series 1 Cable	17/26 Series 2 Cables	26 Series 1 Cable	18/20 Series 3 Cables
Square Wave® TIG 200	35 mm Dinse® Gas Thru	K1622-1	-	K1622-3	-
Precision TIG® 225	35 mm Dinse® Gas Thru	K1622-1	-	K1622-3	K1622-4
Precision TIG® 275	5/8 in. Gas Thru	K2166-3	K2166-2	K2166-1	No Adapter Required
Precision TIG® 375	5/8 in. Gas Thru	K2166-3	K2166-2	K2166-1	No Adapter Required
Aspect® 230	35 mm Dinse® Gas Thru	K1622-1	-	K1622-3	K1622-5
Aspect® 375	35 mm Dinse® Gas Thru	K1622-1	-	K1622-3	K1622-5
POWER MIG® 210MP	35 mm Dinse® External Gas	K960-1	-	K1622-3 and K2505-1	-
POWER MIG® 360MP	1/2 in. Stud Terminals	K1622-1 and K2505-3	No Adapter Required	K1622-3 and K2505-3	-
Flextec® 350X/500X	Tweco® External Gas	K960-4	-	K960-3	K1622-6
Ranger® 260MPX™/330MPX™	1/2 in. Stud Terminals	K1622-1 and K2505-3	No Adapter Required	K1622-3 and K2505-3	-
Power Wave® 300C	35 mm Dinse Gas Thru	K1622-1	-	K1622-3	K1622-5
Power Wave® S350	Tweco® External Gas	K960-4	-	K960-3	K1622-6
Power Wave® S350/Adv. Module	35 mm Dinse® Gas Thru	K1622-1	-	K1622-3	K1622-5
Power Wave® S500	1/2 in. Stud Terminals	K1622-1 and K2505-3	-	K1622-3 and K2505-3	K1622-5 and K2505-3
Power Wave® S500/Adv. Module	35 mm Dinse® Gas Thru	K1622-1	-	K1622-3	K1622-5
PIPEFAB®	35 mm Dinse® Gas Thru	K1622-1	-	K1622-3	K1622-5
General Connection Types	1/2 in. Stud Terminals	K1622-1 and K2505-2	No Adapter Required	K1622-3 and K2505-2	K1622-4 and K2505-2
	25 mm Dinse® External Gas	K960-2	-	K1622-3 and K2505-1	-
	35 mm Dinse® Gas Thru	K1622-1	-	K1622-3	K1622-4
	35 mm Dinse® External Gas	K960-1	-	K1622-3 and K2505-1	-
	Tweco® External Gas	K960-4	-	K960-3	K1622-6

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

Magnum® PRO 150SG

- Spool gun with 15 ft. (4.5 m) cable
- Optional fore grip handle
- Spool of SuperGlaze® 0.035in. (0.9 mm) 4043 aluminum alloy wire (ED030308)
- 0.030-0.035 in. (0.8-0.9 mm) drive roll
- Contact tips (Qty. 3) (KP2744-035T)
- 4 pin to 8 pin adapter (KP5733-1)
- Sturdy carrying case
- Legacy Machine Adapter

NOTES



CUTTING SOLUTIONS

MODEL		PROCESS								Available Packages		
	Current Range (Amps)	Handheld Drag Cutting	Grid Cutting	Plasma Gouging	Mechanized Cutting	Extended Cutting	Precision Cutting	Marking	Input Power Voltage (Phase - Hertz)	Handheld Ready-Pak®	Mechanized Ready-Pak®	Machine Only
FlexCut® 35	15A-35A	●	●			●	●		120/240 V (1ph - 50/60Hz)	•		•
FlexCut® 35 Air	15A-35A	●	●						120/240 V (1ph - 50/60Hz)	•		•
FlexCut® 45	15A-45A	●	●	●	●	●	●	●	120/240 V (1ph - 50/60Hz)	•	•	•
FlexCut® 65	20-65A	●	●	●	●	●	●	●	200-240 V (1ph - 50/60Hz) 200-600 V (3ph - 50/60Hz)	•	•	•
FlexCut® 85	25A-85A	●	●	●	●	●	●	●	200-240 V (1ph - 50/60Hz) 200-600 V (3ph - 50/60Hz)	•	•	•
FlexCut® 105	30A-105A	●	●	●	●	●	●	●	400 - 600 V (3ph - 50/60Hz)	•	•	•
FlexCut® 125	30A-125A	●	●	●	●	●	●	●	400 - 600 V (3ph - 50/60Hz)	•	•	•

MECHANIZED PLASMA CUTTING SYSTEMS » FineLine® High Definition Plasma Cutting Systems

CNC TABLE CUTTING SYSTEMS » Torchmate® 4400 | 4800 | 4505 | 4510 · Torchmate® 5100 · Linc-Cut™ 3015 4kw System · Linc-Cut™ 1530S 6kW · Linc-Cut™ 1530S 12kW

CNC TUBE & PIPE CUTTING SYSTEMS » Vernon Tool® MPM®

ROBOTIC CNC STRUCTURAL STEEL PLASMA CUTTING SYSTEMS » PythonX® STRUCTURAL

FlexCut® 35 Plasma Cutter

- Intuitive interface and guided cutting setup take you from power-on to precision cutting in seconds
- Features long-life, hassle-free consumables and a rugged IP23-rated design
- Steady cutting power, high-duty cycles, and continuous output ensure confidence in every cut



Processes
- Plasma Cutting
- Gouging

Output

DC

Input

1/3 PHASE | 60 Hz | 120V | 230V

Literature
E11.700

Product Name	Product Number	Package Type	Input Power Voltage/Phase/ Hertz	Rated Output Current/Voltage/ Duty Cycle	Recommended Circuit Breaker	Output Range	Engine Drive Auxiliary Power Requirement	Gas Pressure Required	Dimensions H x W x D in (mm)	Net Weight lb (kg)
FlexCut® 35	K5821-H	Handheld	120/240/1/50/60	35% @ 35A [230V] 60% @ 31A [230V] 100% @ 21A [230V] 20% @ 27A [120V]	30A	15-35A	5.5kW for 35A	90-130 PSI	14.1 x 8.1 x 18.4 (359 x 205 x 468)	26.6 [12.1]
	K5821-PS	Power Source Only								

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

FlexCut® 35 Air Plasma Cutter

- With steady power, consistent output, and a built-in air compressor, it keeps you moving without the need for shop air
- The self-contained design makes setup faster, enhances portability, and ensures clean, reliable cuts anywhere you work
- Built for versatility and ease of use, it offers high duty cycle, dual voltage, precision and durability in a compact package
- With 35 amps of cutting power, it's perfect for everyday cutting of mild steel, aluminum, stainless steel, and grating



Processes
- Plasma Cutting
- Gouging

Output

DC

Input

1/3 PHASE | 60 Hz | 120V | 230V

Literature
E11.705

Product Name	Product Number	Package Type	Input Power Voltage/Phase/ Hertz	Rated Output Current/Voltage/ Duty Cycle	Recommended Circuit Breaker	Output Range	Engine Drive Auxiliary Power Requirement	Gas Pressure Required [External Air Only]	Dimensions H x W x D in (mm)	Net Weight lb (kg)
FlexCut® 35 Air	K5822-H	Handheld	120/240/1/50/60	35% @ 35A [230V] 60% @ 31A [230V] 100% @ 21A [230V] 20% @ 27A [120V]	30A	15-35A	5.5kW for 35A	90-130 PSI	24.8 x 10.3 x 17.6 (630 x 262 x 447)	35 [15.9]
	K5822-PS	Power Source Only								

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

FlexCut® 45 Plasma Cutter

- Intuitive interface and guided cutting setup take you from power-on to precision cutting in seconds
- The patented FlexConnect™ system provides one modular torch for endless flexibility across all your tasks and machines
- Features long-life, hassle-free consumables and a rugged IP23-rated design
- Steady cutting power, high-duty cycles, and continuous output ensure confidence in every cut



Processes
- Plasma Cutting
- Grid Cutting
- Gouging & Marking

Output

DC

Input

1/3 PHASE | 60 Hz | 120V | 230V

Literature
E11.710

Product Name	Product Number	Package Type	Input Power Voltage/Phase/ Hertz	Rated Output Current/Voltage/ Duty Cycle	Recommended Circuit Breaker	Output Range	Engine Drive Auxiliary Power Requirement	Gas Pressure Required	Dimensions H x W x D in (mm)	Net Weight lb (kg)
FlexCut® 45	K5823-H	Handheld	120/1/50/60 240/1/50/60	50% @ 45A (230V) 60% @ 41A (230V) 100% @ 32A (230V) 20% @ 27A (120V)	30A	15-45A	10kW for 45A	90-130 PSI	14.1 x 8.1 x 18.4 (359 x 205 x 468)	26.8 (12.2)
	K5823-M	Mechanized								
	K5823-PS	Power Source Only								

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

FlexCut® 65 Plasma Cutter

- Intuitive interface and guided cutting setup take you from power-on to precision cutting in seconds
- The patented FlexConnect™ system provides one modular torch for endless flexibility across all your tasks and machines
- Features long-life, hassle-free consumables and a rugged IP23-rated design
- Steady cutting power, high-duty cycles, and continuous output ensure confidence in every cut



Processes
- Drag Cutting
- Grid Cutting
- Mechanized
- Extended
- Precision Cutting
- Gouging and Marking

Output

DC

Input

1 PHASE | 3 PHASE

Literature
E11.715

Product Name	Product Number	Package Type	Input Power Voltage/Phase/ Hertz	Rated Output Current/Voltage/ Duty Cycle	Recommended Circuit Breaker	Output Range	Engine Drive Auxiliary Power Requirement	Gas Pressure Required	Dimensions H x W x D in (mm)	Net Weight lb (kg)
FlexCut® 65	K5825-H	Handheld	200-240/1/50/60 200-600/3/50/60	50% @ 65A (200-600V 1/3-PH) 60% @ 60A (200-600V 1/3-PH) 100% @ 46A (200-600V 1/3-PH)	80A - 1-PH 50A - 3-PH	20-65A	15kW for 65A	90-130 < PSI	24.8 [630]	76.3 [35]
	K5825-M	Mechanized							10.3 [262]	
	K5825-PS	Power Source Only							17.6 [447]	

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

FlexCut® 85 Air Plasma Cutter

Clear Cut Performance

- With seven plasma cutting processes, a high-duty cycle, and rugged reliability, it's the perfect fit for construction, general fabrication, and maintenance and repair applications
- The patented FlexConnect™ system provides one modular torch, giving you the flexibility to switch between torch heads or cables in seconds
- Features long-life, hassle-free consumables and a rugged IP23-rated design
- Steady cutting power, high-duty cycles, and continuous output ensure confidence in every cut



Processes
- Drag Cutting
- Grid Cutting
- Mechanized
- Extended
- Precision Cutting
- Gouging and Marking

Output

DC

Input

1 PHASE | 3 PHASE | 50/60 Hz

Literature
E11.720

Product Name	Product Number	Package Type	Input Power Voltage/Phase/ Hertz	Rated Output Current/Voltage/ Duty Cycle	Recommended Circuit Breaker	Output Range	Engine Drive Auxiliary Power Requirement	Gas Pressure Required	Dimensions H x W x D in (mm)	Net Weight lb (kg)
FlexCut® 85	K5826-H	Handheld	200-240/1/50/60 200-600/3/50/60	85A @60% (200-600V 3-PH) 85A @40% (200-220V 1PH) 66A @100% (200-600V 1/3-PH)	80A - 1-PH 50A - 3-PH	25A-85A	20kW for 85A	90-130 PSI	24.8 x 10.3 x 17.6 (630 x 206 x 447)	78.1 (35.4)
	K5826-M	Mechanized								
	K5826-PS	Power Source Only								

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

FlexCut® 105 Plasma Cutter

Clear Cut Performance

- Intuitive interface and guided cutting setup take you from power-on to precision cutting in seconds
- Advanced CNC integration includes built-in ports, automatic table detection, and machine torch compatibility for seamless automated cutting
- Features long-life, hassle-free consumables, a rugged IP23-rated enclosure, reinforced components, and shock-resistant housing; it stands up to dust, water spray, and the rigors of daily use
- Compatible with our FlexConnect™ Torch System, giving you the flexibility to switch between torch heads or cables in seconds.



Processes
- Drag Cutting
- Grid Cutting
- Mechanized
- Extended
- Precision Cutting
- Gouging and Marking

Output

DC

Input

1 PHASE | 3 PHASE

Literature
E11.725

Product Name	Product Number	Package Type	Input Power Voltage/Phase/ Hertz	Rated Output Current/Voltage/ Duty Cycle	Recommended Circuit Breaker	Output Range	Engine Drive Auxiliary Power Requirement	Gas Pressure Required	Dimensions H x W x D in (mm)	Net Weight lb (kg)
FlexCut® 105	K5827-H	Handheld	400-600/3/50/60	80% 105 A (400-600 V 3-PH) 100% 94 A (400-600 V 3-PH)	50A	30A-105A	30kW for 105A	90-130 PSI	27.2 x 11.5 x 18.6 (691 x 292.1 x 472)	90.6 (41)
	K5827-M	Mechanized								
	K5827-PS	Power Source Only								

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

FlexCut® 125 Plasma Cutter

Clear Cut Performance

- FlexCut® 125 handles the toughest cutting jobs in construction, general fabrication, automation, maintenance and repair
- Intuitive interface and guided cutting setup take you from power-on to precision cutting in seconds
- Compatible with our patented FlexConnect™ Torch System, giving you the flexibility to switch between torch heads or cables in seconds
- Features long-life, hassle-free consumables and an industrial IP23-rated enclosure



Processes
- Drag Cutting
- Grid Cutting
- Mechanized
- Extended
- Precision Cutting
- Gouging and Marking

Output

DC

Input

3 PHASE

Literature
E11.730

Product Name	Product Number	Package Type	Input Power Voltage/Phase/ Hertz	Rated Output Current/Voltage/ Duty Cycle	Recommended Circuit Breaker	Output Range	Engine Drive Auxiliary Power Requirement	Gas Pressure Required	Dimensions H x W x D in (mm)	Net Weight lb (kg)
FlexCut® 125	K5828-H	Handheld	400-600/3/50/60	100% 125 A (400-600 V 3-PH)	50A	30A-125A	40kW for 125A	90-130 PSI	27.2 x 11.5 x 18.6 (691 x 292.1 x 472)	90.6 (41)
	K5828-M	Mechanized								
	K5828-PS	Power Source Only								

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

FlexCut® 80 Plasma Cutter

Heavy-Duty, 80 Amps, 80% Duty Cycle

- Mechanized piercing up to 3/4 in. (19 mm)
- Maximize productivity with up to 65% faster cut speeds with less bevel than the competition
- Up to three times longer consumable life
- Reliable arc starting without high frequency
- For mechanized and handheld applications



Processes
- Plasma Cutting
- Gouging

Cutting Type
- Mechanized Cutting
- Hand Cutting

Output
DC

Input
1 PHASE | 3 PHASE | 50/60 Hz

Literature
US70-020119RM1-03

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	Gas Pressure Required	Gas Flow Rate	H x W x D in (mm)	Net Wt lb (kg)
FlexCut® 80 Plasma Cutter Power Source Only	K4809-1	200-208/230/380/ 460/575/3/50/60	60A/140V/100% 80A/140V/80%	3-Ph/100%: 31/28/16/14/12 3-Ph/80%: 41/37/21/18/14	25-80A	87-109 PSI (6.0-7.5 Bar)	380 SCFH @ 80 PSI 180 SLPM @ 5.5 Bar	17.9 x 11.8 x 25.4 (455 x 301 x 645)	96 (44)
		230/1/50/60	60A/140V/100% 80A/140V/80%	1-Ph/100%: 48 1-Ph/80%: 62					
		200-208/1/50/60	60A/140V/100% 80A/140V/60%	1-Ph/100%: 52 1-Ph/60%: 71					

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

FlexCut® 125 Plasma Cutter Power Source Only

Powerful, 125 Amps, 100% Duty Cycle

- Constant-current plasma cutting power source that delivers superior cut quality with minimal dross – which minimizes the need for secondary finishing operations
- Mechanized piercing of 1 in. (25 mm)
- Plasma cutting, gouging and marking capabilities
- Ensures up to six times longer consumable life and maintains faster cut speeds – both of which deliver higher productivity over less time
- Reliable arc starting without high frequency



Processes
- Plasma Cutting
- Plasma Marking

Cutting Type
- Mechanized Cutting

Output
DC

Input
3 PHASE | 50/60 Hz

Literature
E11.320

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	Air Pressure Required	Air Flow Rate	H x W x D in (mm)	Net Wt lb (kg)
FlexCut® 125 Plasma Cutter Power Source Only	K4811-1	380/400/415/460/ 575/3/50/60	125A/175V/100%	3-Ph/100% 40/40/40/33/28	3-Ph 20-125A	90-120 PSI (6.21-8.27 Bar)	550 SCFH @ 90 PSI (260 SLPM @ 6.21 Bar)	20.72 x 12.25 x 25.53 (526 x 311 x 648)	118 (53.5)

NOTE: CE certified model available

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

FineLine® 170HD and 300HD High Definition Plasma Cutting Systems

Precise Cuts for Downstream-Ready Production

- Exceptional cut quality when cutting on mild steel, stainless steel, and aluminum
- The combination of our advanced technology, patented Magnum® PRO LC300M plasma torch and consumables allow for more consistent cuts and a more optimal gas flow resulting in reduced operating costs
- Great for steel fabrication, pipe cutting, structural steel fabrication, automotive/ transportation, maintenance and repair, shipbuilding and steel service centers



Processes
- Plasma Cutting
- Plasma Marking

Output

DC

Input

3 PHASE | 50/60 Hz

Literature
US70-050421HR1-05

For more information, visit: https://lincolnelectriccutting.com/fineline

Product Name	Input Power Voltage/Phase/ Hertz	Rated Output: Current/ Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	Cut Capacity In (mm)	H x W x D in (mm)	Net Wt lb (kg)
FineLine® 170HD K4910-1	380-415/460/575V/ 3Ph/50/60Hz	170/210/100%	3PH/100%/ 69/58/53	20-170A	Mild Steel Production Capacity[1] 1.25 (30) Mild Steel Max Cutting Capacity[2] 2 (50) Stainless Steel Production Capacity[1] 1 (25) Stainless Steel Max Cutting Capacity[2] 1.5 (40) Aluminum Production Capacity[1] .75 (20) Aluminum Max Cutting Capacity[2] 1.5 (40)	50.40 x 33 x 36.93 (1280 x 838 x 938)	700 (318)
FineLine® 300HD K4900-1	380-415/460/575V 3Ph/50/60Hz	300/210/100%	3PH/100%/ 123/108/95	20-300A	Mild Steel Production Capacity[1] 1.75 (45) Mild Steel Production Capacity 2 (50)[4] Mild Steel Max Cutting Capacity[2] 3 (75) Stainless Steel Production Capacity[1] 1.25 (32) Stainless Steel Max Cutting Capacity[2] 2 (50) Aluminum Production Capacity[1] 1 (25) Max Aluminum Cutting Capacity[2] 2 (50)		750 (340.2)

(1) Material type and composition can influence dross-free performance
(2) Maximum capacity pierce requires the use of precision torch height control
(4) Requires Advanced Process Controller (APC) option

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Torchmate® 4400, 4800, 4505, and 4510 Education Packages

Add CNC Cutting to Your Program

- Ideal 2D cutting platform for schools, colleges and training centers
- Unlimited Software Licensing for students and one Master Teacher License
- Complete CNC system includes a plasma cutter and motion controls
- Torchmate® Visual Machine Designer™ software makes it easy to understand nesting, scanning, tool path concepts and more



Processes
- CNC Plasma Cutting

Literature
US70-1017221HR-09

Input
1 PHASE | 3 PHASE | 50/60 Hz

Supported by:
U/LINC™ curriculum

Product Name	Product Number	Cutting Area ft (m)	Input Power amps/volts	Traverse Speed ipm (m/min)	Cut Speed ipm (m/min)	Machine Resolution in (µm)	Machine Size (footprint) in (mm)	Material Weight Capacity	Shipping Weight lb (kg)
Torchmate® 4400	AD2531-9	16 (1.47)	15 amps @ 115v (table only)	500 (12.7)	500 (12.7)	0.0015	74 x 67 x 63 (1880 x 1702 x 1600)	48 x 48 in holds maximum of 652.8 lbs (40.8 lbs per square foot)	1,322 (600)
Torchmate® 4800	AD2531-10	32 (2.94)					74 x 114 x 63 (1880 x 2896 x 1600)	48 x 96 in holds maximum of 1,305.6 lbs (40.8 lbs per square foot)	1,847 (838)
Torchmate® 4505	AD2531-11	25 (2.32)					86 x 79 x 63 (2184 x 2006 x 1600)	60 x 60 in holds maximum of 1,020 lbs (40.8 lbs per square foot)	1,480 (671)
Torchmate® 4510	AD2531-12	50 (4.65)					86 x 138 x 63 (2184 x 3505 x 1600)	60 x 120 in holds maximum of 2,040 lbs (40.8 lbs per square foot)	2,452 (1,112)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Torchmate® 5100

Industrial CNC Plasma Cutting Machine

- Complete 5 x 10 ft. (1.5 x 3.0 m) industrial high-definition CNC plasma table
- Pneumatically adjusted water table or downdraft
- DXF & DWG importer with onboard nesting
- Optional ±45° bevel cutting head
- Up to 4 in. (101.6 mm) steel capacity



Processes
- Plasma Cutting
- Oxyfuel Cutting
- Plasma Marking
- Bevel
- HD Plasma Cutting

Input

1 PHASE | 3 PHASE | 50/60 Hz

Literature
US70-111220HR1-6

Product Name	Cutting Area[1] ft (m)	Input Power amps/volts	Traverse Speed[2] ipm (m/min)	Cut Speed[2] ipm (m/min)	Machine Size (footprint) in (mm)	Net Wt lb (kg)
Torchmate® 5100	5 x 10 (1.5 x 3.0) All tools	15A/110V 380-415/460/575V 3Ph/50/60Hz	up to 1,500 (38.1)	up to 450 (11.4)	113.5 x 166 (2882 x 4216)	Approx. 6,000 (2721.55)

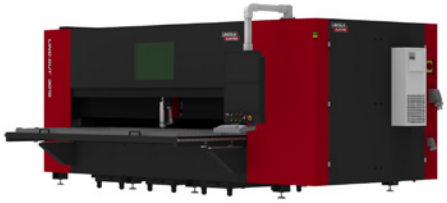
[1]With specific tool set (some restrictions apply). [2]Cut speeds dependent on process.

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Linc-Cut™ 3015 4kw System

Built to be Excellent

- 5 x 10 ft. (1.5 x 3.0 m) sheet capacity 4kW fiber laser cutting system
- 4kW fiber laser cutting power with up to 3/4 in. (19.05 mm) carbon steel cutting
- Compact roll-out drawer saves floor space and allows the use of a forklift or overhead material loading option when feeding material
- Class 1, CDRH-compliant, fully-enclosed cell provides safe laser operation
- Prism® 2 fume extraction solution helps deliver less noise, lower costs and helps improve workplace safety



Processes
- Fiber Laser Cutting

Input

3 PHASE | 60 Hz

Literature
LEA-093024HR1-01 and LEA-082024HR1-01

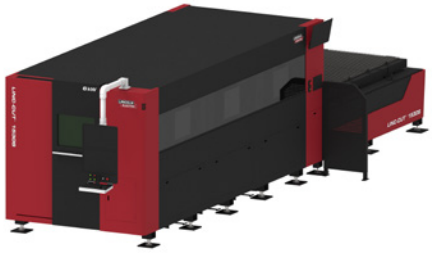
Product Name	Product Number	Input Power Voltage/Phase/Hertz	Cutting Area ft (m)	Laser Power	Traverse Speed ipm (m/min)	Cutting Speed[1] ipm (m/min)	Machine Size in (mm)	Net Wt lb (kg)
Linc-Cut™ 3015 4kw System	AD2599-1	460/3/50	5 x 10 (1.5 x 3.0)	Up to 4kW	2874 (73)	2874 (73)	91.3 x 117.6 x 208.2 (2320 x 2987 x 5288)	12500 (5670)

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Linc-Cut™ 1530S 6kW Shuttle System

Fiber Laser CNC Cutting System

- Offers exceptional cut quality while maintaining high repeatability for production metal sheet fabrication needs
- Motion speeds up to 3,937 ipm (100m/min) and laser output up to 6kW; this system can produce cuts up to 1 in. carbon steel quickly with no compromise to quality
- Class 1 CDRH (FDA) Certified enclosure
- Dual panel HMI w/touchscreen, buttons, mouse and keyboard
- Two material support beds rated at 3,088 lbs each



Processes
- Fiber Laser Cutting

Input

3 PHASE | 60 Hz

Literature
LEA-080525HR1-04

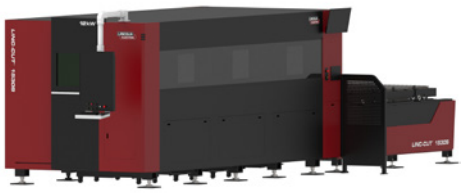
Product Name	Product Number	Input Power Voltage/Phase/Hertz	Cutting Area ft (m)	Laser Power	Traverse Speed ipm	H x W x D ft (m)	Net Wt lb (kg)
Linc-Cut™ 1530S 6kW Shuttle System	AD2599-4	460/3/100	5 x 10 (1.5 x 3.0)	6kW	3937 (100)	89.71 x 146.1 x 393.6 (2279 x 3710 x 9999)	24,200 (10,976)

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Linc-Cut™ 1530S 12kW Shuttle System

Engineered for Everyone

- Offers exceptional cut quality while maintaining high repeatability for production metal sheet fabrication needs
- Motion speeds up to 3,937 ipm (100m/min) and laser output up to 12kW; this system can produce cuts up to 1.5 in. carbon steel quickly with no compromise to quality
- Class 1 CDRH (FDA) Certified enclosure
- Dual panel HMI w/touchscreen, buttons, mouse and keyboard
- Two material support beds rated at 3,088 lbs each



Processes
- Fiber Laser Cutting

Input

3 PHASE 60 Hz

Literature
LEA-080525HR1-04

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Cutting Area ft (m)	Laser Power	Traverse Speed ipm	H x W x D ft (m)	Net Wt lb (kg)
Linc-Cut™ 1530S 12kW Shuttle System	AD2599-5	460/3/140	5 x 10 (1.5 x 3.0)	12kW	937 (100)	89.71 x 146.1 x 393.6 (2279 x 3710 x 9999)	24,200 (10,976)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Vernon Tool® MPM®

Automated Pipe Profiling and Cutting for Industrial Applications

- Ideal for process and power piping, mechanical and HVAC contracting, shipbuilding, offshore, marine construction, structural pipe trusses and pressure vessel fabrication
- Servo-driven systems convey pipe from raw material storage racks to the cutting head, allowing our cutting process to precisely profile the pipe and convey the finished pieces to a separate rack for offloading
- Reusable part-cutting programs are created at the machine, or from a remote PC



Processes
- Plasma Cutting
- Oxyfuel Cutting

Input

3 PHASE 60 Hz

Literature
US70-052621HR1-2

Product Name	Input Power Voltage/Phase/ Hertz	Pipe Capacity: Diameter in (mm)	Pipe Capacity: Weight, lb (kg)	Cutting Speed[1] ipm (m/min)	Rotation Speed	H x W x D ft (m)
Vernon Tool® MPM® Model 0224	480/3/60	2-24 (50.8 - 609.6)	250 lb/ft (113 kg/m) Max Total Load: 5,000 lb (2,267 kg)	200 ipm (5 m/min)	0-200 ipm (0-5 m/min) Conveyor: up to 50 RPM	10 x 8 x 26 (3.05 x 2.44 x 7.92) (Base dimensions for a 20 ft (6.1 m) machine)
Model 0348		3-48 (76.2 - 1219.2)	1,000 lb/ft (680 kg/m) Max Total Load: 22,500 lb (10,206 kg)			

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

PythonX® Structural

Robotic CNC Plasma Cutting System for Structural Steel Fabrication

- All-in-one system that replaces several traditional machines and automates multiple structural steel fabrication processes using only a fraction of the floorspace
- AISC compliant bolt holes
- Best in class cut quality and accuracy, and cuts are completed in a fraction of traditional processing time
- Easy part file import using industry standard file types such as .stp and .nc1
- Eliminates shop errors from drawing interpretation and manual cutting operations
- Reduces material handling
- 4-6-week delivery
- 3 Year warranty
- 24/7 access to North American support and service network



Processes
- Plasma Cutting

Input

3 PHASE 50/60 Hz

Literature
pythonx.com

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

FlexCut® 35 Plasma Cutters

FlexCut® 35 Plasma Cutter Handheld Ready-Pak® (K5821-H)

- FlexCut® 35 Plasma Cutter
- FlexCut® PRO Torch
- Ground Cable & Clamp
- Shoulder Strap
- Input Power Cord
- 120V Adapter
- Nozzles
- Electrodes
- Swirl Ring
- Retaining Ring
- Shield

FlexCut® 35 Plasma Cutter Power Source Only (K5821-PS)

- FlexCut® 35 Plasma Cutter
- Input Power Cord

FlexCut® 35 Air Plasma Cutter Handheld Ready-Pak® (K5822-H)

- FlexCut® 35 Air Plasma Cutter
- FlexCut® PRO Torch
- Ground Cable & Clamp
- Shoulder Strap
- Input Power Cord
- 120V Adapter
- Nozzles
- Electrodes
- Swirl Ring
- Retaining Ring
- Shield

FlexCut® 35 Air Plasma Cutter Power Source Only (K5822-PS)

- FlexCut® 35 Air Plasma Cutter
- Input Power Cord

FlexCut® 80 Plasma Cutter

Power Source Only (K4809-1)

- Air Regulator And Pressure Gauge
- Internal Water Separator
- Work Clamp And Cable
- Input Power Cord

FlexCut® 125

Base Model (K4811-1)

- Air Regulator And Pressure Gauge
- Internal Water Separator
- Work Clamp And Cable
- Input Power Cord

Torchmate® 4400 | 4800 | 4505 | 4510

- Fully Assembled Dual-Tool CNC Plasma Cutting Table With Full 4 x 4, 4 x 8 or 5 x 10 (1.2 x 1.2, 1.2 x 2.4 or 1.5 x 3 M) Tool Reach
- FlexCut® 80 Plasma Cutter
- Water Table Fume Collection
- Arc-Voltage Digital Height Control
- Industrial Touch Screen Hmi
- Consumable Starter Kit
- Input Power Cord

Vernon Tool® MPM®

- Consumable Starter Kit
- PypeServer® Software
- WinMPM Operations Software
- Vernon Tool® Academy

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Accessories » Plasma Cutters

Product Name	Product No.	FlexCut® 35 Base Model K5821-PS	FlexCut® 35 Air Base Model K5822-PS	FlexCut® 45 Base Model K5823-PS	FlexCut® 65 Base Model K5825-PS	FlexCut® 85 Base Model K5826-PS	FlexCut® 105 Base Model K5827-PS	FlexCut® 125 Base Model K5828-PS
Plasma Circle Cutting Guide Kit	KP5916-1	•	•	•	•	•	•	•
Plasma Straight & Angle Cutting Kit	KP5917-1	•	•	•	•	•	•	•
OMNIShield™ Face Shield	K3754-1	•	•	•	•	•	•	•
Cutting & Grinding Goggles	K3118-1	•	•					
FlexCut® PRO Torch	KP5849-25	•						
FlexCut® PRO Torch	KP5848-12-5	•	•					
FlexCut® PRO FlexConnect™ Torch	KP5850-25			•	•	•	•	•
FlexCut® PRO Mechanized FlexConnect Torch	KP5852-25			•	•	•	•	•
35 Drag Cutting Consumable Kit	KP5829-35	•						
35A Drag Cutting Consumable Kit	KP5829-35A		•					
45 Drag Cutting Consumable Kit	KP5829-45			•				
65 Drag Cutting Consumable Kit	KP5829-65				•			
85 Drag Cutting Consumable Kit	KP5829-85					•		
105 Drag Cutting Consumable Kit	KP5829-105						•	
125 Drag Cutting Consumable Kit	KP5829-125							•

• Optional

Accessories » Plasma Cutters

Product Name	Product No.	FlexCut® 80 Base Model K4809-1	FlexCut® 125 Base Model K4811-1
CONSUMABLE PARTS – MACHINE CUTTING			
Electrode (LC100M)	BK12849-3	•	
Swirl Ring (LC100M/LC105M)	BK12849-9	•	
Nozzle, Precision Cut (LC100M)	BK12849-11	•	
Nozzle, 40A (LC100M/LC105M)	BK12849-4	•	
Nozzle, 60A (LC100M/LC105M)	BK12849-5	•	
Nozzle, 80A (LC100M/LC105M)	BK12849-6	•	
Retaining Cap (LC100M)	BK12849-21	•	
Retaining Cap, CTP (LC100M)	BK12849-22	•	
Shield Cap, Precision Cut (LC100M)	BK12849-18	•	
Shield Cap, 40A (LC100M)	BK12849-14	•	
Shield Cap, 60A-80A (LC100M)	BK12849-15	•	
Electrode (LC125M)	BK14300-1		•
Shield Cap, 45A-65A (LC125M)	BK14300-3		•
Shield Cap, 85A-105A-125A (LC125M)	BK14300-4		•
Nozzle, 45A (LC125M)	BK14300-7		•
Nozzle, 65A (LC125M)	BK14300-8		•
Nozzle, 85A (LC125M)	BK14300-9		•
Nozzle, 105A (LC125M)	BK14300-10		•
Nozzle, 125A (LC125M)	BK14300-11		•
Swirl Ring (LC125M)	BK14300-13		•
Retaining Cap (LC125M)	BK14300-14		•
Retaining Cap, CTP (LC125M)	BK14300-15		•
Front Isolator Assembly (LC125M)	BK14300-18		•
CONSUMABLE PARTS – HAND CUTTING			
Electrode (LC105)	KP4141-1	•	
Nozzle, 40A (LC105)	KP4141-4	•	
Nozzle, 60A (LC105)	KP4141-5	•	
Nozzle, 80A (LC105)	KP4141-6	•	
Swirl Ring (LC105)	KP4141-9	•	
Retaining Cap (Contact) (LC105)	KP4141-8	•	
Drag Shield Cap, 40A (LC105)	KP4141-14	•	
Drag Shield Cap, 60-80A (LC105)	KP4141-15	•	
Gouging Shield Cap, 80-100A (LC105)	KP4141-17	•	
Gouging Nozzle, 80A (LC105)	KP4141-18	•	

Product Name	Product No.	FlexCut® 80 Base Model K4809-1	FlexCut® 125 Base Model K4811-1
GENERAL			
LC105 Handheld Plasma Torch, 25 ft (7.6 m)	K2849-1	•	
LC105 Handheld Plasma Torch, 50 ft (15.2 m)	K2849-2	•	
LC100M Machine Plasma Torch, No Rack, 25 ft (7.6 m)	BK12849-25	•	
LC100M Machine Plasma Torch, No Rack, 50 ft (15.2 m)	BK12849-50	•	
LC100M Machine Plasma Torch, No Rack, 75 ft (22.9 m)	BK12849-75	•	
LC100M Machine Plasma Torch, with Rack, 25 ft (7.6 m)	BK12849-25R	•	
LC100M Machine Plasma Torch, with Rack, 50 ft (15.2 m)	BK12849-50R	•	
LC100M Machine Plasma Torch, with Rack, 75 ft (22.9 m)	BK12849-75R	•	
Consumable Starter Kit for LC100M Machine Plasma Torch	BK12849-SK	•	
LC125M Machine Plasma Torch, 25 ft (7.6 m)	K4300-4		•
LC125M Machine Plasma Torch, 50 ft (15.2 m)	K4300-5		•
LC125M Machine Plasma Torch, 75 ft (22.9 m)	K4300-6		•
LC125M Machine Bevel Plasma Torch, 25 ft (7.6 m)	K4300-7		•
LC125M Machine Bevel Plasma Torch, 50 ft (15.2 m)	K4300-8		•
LC125M Machine Bevel Plasma Torch, 75 ft (22.9 m)	K4300-9		•
Consumable Starter Kit for LC125M Machine Plasma Torch	BK14300-SK		•

• Optional

Accessories » FineLine® High Definition Plasma Cutting Systems

Product Name	Product No.
CONSUMABLE PARTS – OUTER RETAINING CAP	
Magnum® PRO Outer Cap, LC300M, 30-300A (Mild Steel, Stainless Steel-Air, Aluminum)	BK602365
CONSUMABLE PARTS – SHIELD CAP	
Magnum® PRO Shield Cap, LC300M, 30A (Mild Steel, Aluminum)	BK602340
Magnum® PRO Shield Cap, LC300M, 80A (Mild Steel, Stainless Steel-Air, Stainless Steel-H17, Aluminum)	BK602342
Magnum® PRO Shield Cap, LC300M, 140A (Mild Steel, Stainless Steel-Air, Aluminum)	BK602343
Magnum® PRO Shield Cap, LC300M, 200A (Mild Steel, Stainless Steel-Air, Stainless Steel-H17)	BK602345
Magnum® PRO Shield Cap, LC300M, 300A (Mild Steel, Stainless Steel-Air, Aluminum)	BK602346
CONSUMABLE PARTS – INNER RETAINING CAP	
Magnum® PRO Retaining Cap, LC300M, 30A (Mild Steel, Aluminum), 80A (Mild Steel, Stainless Steel-Air, Aluminum)	BK602338
Magnum® PRO Retaining Cap, LC300M, 140A (Mild Steel, Stainless Steel-Air, Stainless Steel-H17, Aluminum)	BK602339
Magnum® PRO Retaining Cap, LC300M, 200A (Mild Steel, Stainless Steel-Air, Stainless Steel-H17, Aluminum)	BK602332
Magnum® PRO Retaining Cap, LC300M, 300A (Mild Steel, Stainless Steel-Air, Aluminum)	BK602369
CONSUMABLE PARTS – NOZZLE	
Magnum® PRO Nozzle, LC300M, 30A (Mild Steel, Aluminum)	BK602312
Magnum® PRO Nozzle, LC300M, 80A (Mild Steel, Stainless Steel-Air, Aluminum)	BK602314
Magnum® PRO Nozzle, LC300M, 140A (Mild Steel, Stainless Steel-Air, Aluminum)	BK602315
Magnum® PRO Nozzle, LC300M, 200A (Mild Steel, Stainless Steel-Air, Aluminum)	BK602317
Magnum® PRO Nozzle, LC300M, 300A (Mild Steel)	BK602318
CONSUMABLE PARTS – SWIRL RING	
Magnum® PRO Swirl Ring, LC300M, 30A (Mild Steel, Aluminum), 80A (Stainless Steel-H17)	BK602354
Magnum® PRO Swirl Ring, LC300M, 80A (Mild Steel, Stainless Steel-Air, Aluminum)	BK602356
Magnum® PRO Swirl Ring, LC300M, 140A (Mild Steel, Stainless Steel-Air, Stainless Steel-H17)	BK602358
Magnum® PRO Swirl Ring, LC300M, 200A (Mild Steel, Stainless Steel-Air, Aluminum)	BK602359
Magnum® PRO Swirl Ring, LC300M, 300A (Mild Steel, Stainless Steel-Air, Aluminum)	BK602360
CONSUMABLE PARTS – ELECTRODE	
Magnum® PRO Electrode, LC300M, 30A (Mild Steel, Aluminum)	BK602300
Magnum® PRO Electrode, LC300M, 80A (Mild Steel, Stainless Steel-Air, Aluminum)	BK602301
Magnum® PRO Electrode, LC300M, 140A (Mild Steel, Stainless Steel-Air, Aluminum)	BK602309
Magnum® PRO Electrode, LC300M, 200A (Mild Steel, Stainless Steel-Air, Aluminum)	BK602304
Magnum® PRO Electrode, LC300M, 300A (Mild Steel, Stainless Steel-Air, Aluminum)	BK602305



WIRE DELIVERY

BULK PAKAGE EQUIPMENT » Drum and Box Heads • Drum and Box Covers • Drum, Reel Box Handling Equipment

CONDUIT » Weld Wire Conduit • Conduit Connectors • Conduit Hangers, Clamps, Sleeves

DISPENSING EQUIPMENT » Wire Feed Assist • Bulk Reel Dispensing • Wire Straightners • Infinity-Pak®

ROBOTIC TORCH MAINTENANCE » Power Ream®

WIRE DELIVERY TOOLS **»** Wire Level Gauge • Accessories

Bulk Package Hoods and Accessories for Drums and Boxes

Coverage for Consumables

- Tough polyethylene construction for long shop life
- Dual windows for easy operator access
- Available for round, square and octagon-shaped packages



Processes
- MIG
- Flux-Cored

Product Numbers
- AD1329-576 - Hood 20.4 in. (518 mm) Drum, Dual Windows
- AD1329-200 - Hood 23.4 in. (594 mm) Drum, Dual Windows
- AD1329-201 - Hood 23.4 in. (594 mm) w/2 Access Windows and Orbital Arm w/Spring Liner
- AD1329-205 - Square Hood (Chimeless) 21 in. (533 mm), 500 lb. (226.8 kg)
- AD1329-206 - Square Hood (Chimeless) 24 in. (610 mm)
- K884-5 - 20 in. (508 mm) Accu-Trak® Drum Payoff Kit
- K884-6 - 23 in. (584 mm) Accu-Trak® Drum Payoff Kit
- K2175-1 - Accu-Pak® Box Payoff Kit 21 in. (533 mm)
- K2175-2 - Accu-Pak® Box Payoff Kit 24 in. (609 mm)
- K3997-1 - Infinity-Pak® Hood Cover

Drum and Box Covers

Bulk Package Protection

- Tough, fire-resistant PVC construction
- Provides effective protection of fiber or cardboard drums located near the weld cell
- Available for round, square and octagon-shaped bulk wire packages



Processes
- MIG
- Flux-Cored

Product Numbers
- K3365-1 - 21 in. (533.4 mm) FR Square Drum Cover for Pull Kit
- K3366-1 - 24 in. (609.6 mm) FR Square Drum Cover for Pull Kit
- K3276-1 - 21 in. (533.4 mm) FR Square Drum Cover for Drum Hood
- K3277-1 - 24 in. (609.6 mm) FR Square Drum Cover for Drum Hood
- K3274-1 - 20.4 in. (518.2 mm) FR Round Drum Cover for Drum Hood
- K3275-1 - 23.4 in. (594.4 mm) FR Round Drum Cover for Drum Hood

Drum, Reel and Box Dollies, Carts and Lifters

Packages on the Move

- Dollies available for drum or boxes with up to 1000 lb. (453 kg) capacity
- Staging carts available for drums or reels with up to 1000 lb. (453 kg) capacity
- Variety of lifters for chimeless and chimed drums



Processes
- MIG
- Flux-Cored

Product Numbers
- AD1329-9 - Accu-Pak® or Accu-Trak® Skid Dolly
- AD1329-10 - Fiber Drum Lifter
- AD1329-11 - Drum Lifter for ISO Drums Without Chime
- AD1329-12 - Fork Lift Adapter
- AD1329-187 - Heavy Duty Wood Reel Staging Cart

Weld Wire Conduit

Wire Delivery at any Length

- Choose from polymer or extra flexible material
- Available in pre-cut lengths up to 30 ft. (9.1 m) or in bulk
- Self-threading or compression style connectors available



Processes
- MIG
- Flux-Cored
- Submerged Arc

Product Numbers
- AD1329-617 - 0.198 ID x 0.500 OD Extra Flexible Conduit, 100 ft. (30.48 m)
- AD1329-496 - 0.241 ID x 0.500 OD Extra Flexible Conduit w/AD1329-292, 10 ft. (3.04 m)
- AD1329-499 - 0.241 ID x 0.500 OD Extra Flexible Conduit w/AD1329-292, 20 ft. (6.1 m)
- AD1329-492 - 0.241 ID x 0.500 OD Extra Flexible Conduit w/AD1329-292, 6 ft. (1.8 m)
- AD1329-623 - 0.250 ID x 0.610 OD Extra Flexible Conduit, 100 ft. (30.48 m)
- AD1329-510 - 0.298 ID x 0.610 OD Extra Flexible Conduit w/AD1329-580, 10 ft. (3.04 m)
- AD1329-512 - 0.298 ID x 0.610 OD Extra Flexible Conduit w/AD1329-580, 15 ft. (4.6 m)
- AD1329-513 - 0.298 ID x 0.610 OD Extra Flexible Conduit w/AD1329-580, 20 ft. (6.1 m)
- AD1329-514 - 0.298 ID x 0.610 OD Extra Flexible Conduit w/AD1329-580, 25 ft. (7.6 m)
- AD1329-515 - 0.298 ID x 0.610 OD Extra Flexible Conduit w/AD1329-580, 30 ft. (9.1 m)
- AD1329-506 - 0.298 ID x 0.610 OD Extra Flexible Conduit w/AD1329-580, 6 ft. (1.8 m)
- AD1329-626 - 0.354 ID x 0.750 OD Extra Flexible Conduit, 100 ft. (30.48 m)

Conduit Connectors

Make the Welding Connection

- Variety of types and sizes available
- Rounded internal shoulders for smooth wire feeding
- Union kits and bulkhead connector



Processes
- MIG
- Flux-Cored
- Submerged Arc

Product Numbers
- K5105-28 - 1/4 in. (6.35 mm) NPT-M Quick Disconnect
- AD1329-280 - A-14 Bulkhead w/2 A-4-ST Quick Disconnect
- AD1329-279 - Bracket for Bulkhead
- AD1329-278 - Bulkhead Adapter Block
- AD1329-57 - Bulkhead Connector Kit
- AD1230-5 - Conduit Kit, 15 ft. (4.6 m), 0.035-1/16 Steel
- AD1230-6 - Conduit Kit, 25 ft. (7.6 m), 0.035-1/16 Steel
- AD1329-42 - Extra Flexible Compression (Ferrule)
- AD1329-290 - Extra Flexible Quick Disconnect, Male, Large Wire
- AD1329-43 - Extra Flexible Strain Relief Connector
- AD1329-580 - Extra Flexible Swaged Connector
- AD1329-292 - Extra Flexible Swaged Connector
- AD1329-526 - Extra Flexible Swaged Connector
- AD1329-24 - Polymer Compression (Ferrule)
- AD1329-36 - Polymer Compression Fitting
- AD1329-25 - Polymer Compression Fitting w/Strain Relief Connector
- AD1329-35 - Polymer Self Threading (1/2 in. (12.7 mm) NPT-F)
- AD1230-14 - Polymer Self Threading (1/4 in. (8.4 mm) NPT-F)
- AD1329-29 - Polymer Self Threading (3/8 in. (9.5 mm) NPT-F)
- AD1329-31 - Polymer Strain Relief Connector
- AD1329-30 - Polymer/Extra Flexible Compression (Ferrule)

Conduit Hangers and Clamps

Wire Support

- Hanger prevents excessive sag in conduit to existing structures
- Sleeves protect conduit from operating environment
- Use clamps to secure conduit to existing structures



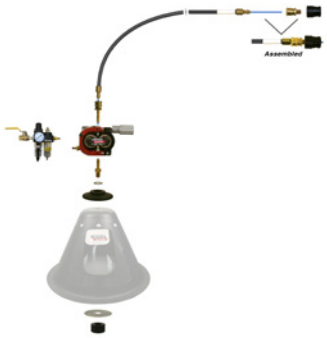
Processes
- MIG
- Flux-Cored
- Submerged Arc

Product Numbers
- AD1329-549 - 22 in. (559 mm) Conduit Hanger w/4 Retaining Straps
- AD1329-547 - Retractable Conduit Balancer - Load Range 5-13 lbs. (2-6 kg)
- AD1329-548 - Retractable Conduit Balancer - Load Range 11-19 lbs. (5-9 kg)
- AD1329-538 - Conduit/Cable Sleeve - 2 in. (51 mm) ID, 4 ft. (1.2 m)

Wire Feed Assist Components

Extra Drive for Your Wire Feed

- Reduces pulling force required from feed motor
- Enables longer conduit runs
- Adjustable torque setting prevents bird nesting
- For 0.035-1/8 in. (0.9-3.2 mm) wire diameters



Processes
- MIG
- Flux-Cored

Input
Compressed Shop Air

Product Numbers
- AD1329-386 - 3/8 in. (9.5 mm) NPT-M Quick Disconnect for Wire Larger than 1/16 in. (1.6 mm)
- AD1329-4 - Drum Adapter for Wire Feed Assist
- AD1329-574 - Heavy Duty U Groove Drive Roll 1/8 in. (3.2 mm) Steel Wire
- AD1329-427 - Outlet for Wire Feed Assist w/Quick Disconnect
- AD1230-2 - Wire Feed Assist Kit 1/16 in. (1.6 mm) & Larger Aluminum Wire
- KP1964-1 - Wire Guide Wire Straightener
- KP2101-1 - Wire Guide, Tiny Twin Wire Straightener

Wire Straighteners

Get It Straight

- Straighten or recast all types of wires
- Lightweight, yet rugged
- Equipped with locating calibration on face of unit and fine adjustment scale on tension knob



Processes
- MIG
- Flux-Cored
- Submerged Arc

Product Numbers
- AD1329-60 - Dual Wire Straightener Adapter
- AD1329-559 - Large Wire Adapter for Lincoln Electric Wire Straightener
- K1733-4 - Micro Wire Straightener
- K1733-1 - Wire Straightener
- K1733-5 - Wire Straightener (Automatics)
- AD1329-61 - Wire Straightener Adapter Kit

Wire Guide Arm Unit for Standard Wood Reel with 1-5/16 in. Arbor

The Reel Deal

- Universal base plate design fits wood or plastic reels with 1-5/16 in. (33 mm) or 5 in. (127 mm) center arbor holes
- Twin locking cams secure base plate to reel for stability
- Smooth acceleration and deceleration of feed arm



Processes
- MIG
- Flux-Cored

Product Numbers
- AD1329-15

Wire Level Gauge

Keep an Eye on Wire Supply

- Detects level of wire remaining in the drum or box
- Wire level displayed visually with color and percentage scale
- Usable with 500 lb. (227 kg) or 1000 lb. (453 kg) package



Processes
- MIG
- Flux-Cored

Product Numbers
- AD1329-614

Wire Draw Gauge

Additional Tools

- Draw gauge accurately measures the draw weight of welding wire pulling through conduit in English or metric at the touch of a button
- Nozzle cleaning tool removes spatter; choice of five sizes
- Conduit cutter trims all diameters of polymer conduit with ease



Processes
- MIG
- Flux-cored
- Submerged Arc

Product Numbers
- AD1329-59

Power REAM® II

Robotic Torch Maintenance System

- Standard wire cutter provides consistent wire stickout and removes the ball at the end of the welding wire for superior arc starting performance
- Returns to the home position signaling the robot to end weld cycle
- A spatter guard is mounted to the gripper housing keeping debris from entering
- Catch basin collects over-spray to reduce slag and spatter residue left on the reamer and jigs



Processes
- Reamer
- Sprayer
- Wire Cutter

Input

24 VDC | 15 SCFM | 80 PSI

Product Number
K2391-2

Literature
E10.110

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Input Air Pressure and Flow	Input Current @ Rated Output	Input Current	H x W x D in (mm)	Net Wt. lb (kg)
Power REAM® II	K2391-2	24V DC	80 PSI 15 SCFM	1100 rpm 0.65 HP	0.50A DC	with reservoir 25.9 x 8.0 x 14.5 (657 x 203 x 368)	62 (28)

Infinity-Pak® Dispensing System

Continuous Wire, Continuous Welding

- Butt welding and flash removal process take only seconds
- Configurations for every environment, including 2-station, 4-station and wall mount
- ASTM certified and the bulk package is 100% recyclable
- Use with a variety of Lincoln Electric SuperArc® wire alloys



Processes
- MIG

Output

CC CV | DC

Input

1 PHASE | 60 Hz

Literature
MC14-97

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Input Air Pressure and Flow	Input Current @ Rated Output	Input Current	H x W x D in (mm)	Net Wt. lb (kg)
Infinity-Pak® With 2 Stations	K3926-1	110V 5 Amps	—	—	—	42 x 20 x 24 (1067 x 208 x 610)	100 (43.4)
With 4 Stations	K3927-1						
Wall Mount	K4106-1						

Butt Welder and Docking Station Combo

- 110V Butt Welder with docking station
- Joins the end of wire from first drum to start of wire in second drum
- Eliminates downtime for wire changeover



Processes
- MIG

Product Numbers
- K3921-1

Literature
MC14-97

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

Accu-Pak® Box Payoff Kit, 24 in.

Base Model (K2175-2)

- Square Hood (Chimeless) - 24 in. (610 mm) (AD1329-206)
- Direct Pull Kit (D1329-6)

Wire Feed Assist Kit - 1/16 in. (1.6 mm) & Larger Aluminum Wire

Base Model (AD1230-2)

- Feed Assist
- FIlter/Regulator/Lubricator
- Drum Adapter Mounting Kit
- Conduit Quick Disconnect with Liner
- 15 ft. (4.6 m) Polymer Conduit
- Self-Threading Connector
- 5 ft.-1/4 in (1.6 m) Air Hose (In addition to being mounted on drum hoods, the Wire Feed Assist may be mounted on the mechanical turntable (AD1329-13), on the Wood Reel Stand (AD1329-380) or on other wire dispensing equipment)

Accessories » Infinity-Pak®

Product Name	Product No.	Infinity-Pak® with 2 Stations K3926-1	Infinity-Pak® with 4 Stations K3927-1	Infinity-Pak® Wall Mount K4106-1
GENERAL				
Wire Sizer with 0.035 in. (0.9 mm) dies	K3910-1	•	•	•
Wire Sizer replacement dies for 0.035 in. (0.9 mm) wire	K3911-1	•	•	•
Wire Sizer with 0.045 in. (1.2 mm) dies	K3913-1	•	•	•
Wire Sizer replacement dies for 0.045 in. (1.2 mm) wire	K3912-1	•	•	•
Wire Sizer with 0.052 in. (1.3 mm) dies	K3914-1	•	•	•
Wire Sizer replacement dies for 0.052 in. (1.3 mm) wire	K3915-1	•	•	•
Wire Sizer with 0.062 in. (1.6 mm) dies	K3917-1	•	•	•
Wire Sizer replacement dies for 0.062 in. (1.6 mm) wire	K3918-1	•	•	•
Wire Sizer with 0.078 in. (2.0 mm) dies	K3919-1	•	•	•
Wire Sizer replacement dies for 0.078 in. (2.0 mm) wire	K3920-1	•	•	•
POWER REAM® Connection Cable	K2433-1	•	•	•
Remote POWER REAM® Reservoir Kit	K2434-1	•	•	•

• Optional

Accessories » Wire Feeder Accessories and Parts

Product Name	Product No.	Infinity-Pak® with 2 Stations K3926-1	Infinity-Pak® with 4 Stations K3927-1	Infinity-Pak® Wall Mount K4106-1
Wire Delivery Products				
1/2 in. (12.7 mm) NPS-M Quick Disconnect	AD1329-22	•	•	•
1/4 in. (6.4 mm) NPT-M Quick Disconnect	AD1329-53	•	•	•
Female Quick Disconnect 1/4 in. (6.4 mm) NPT	AD1329-310	•	•	•
Quick Disconnect - 1/2 in. (12.7 mm) -20 Male (Includes Nut, Washer)	AD1329-354	•	•	•
Replacement Ferrule - Fits AD1329-24, -285	AD1329-340	•	•	•
Replacement Ferrule - Fits AD1329-30, -287	AD1329-32	•	•	•
Replacement Ferrule - Fits AD1329-36	AD1329-339	•	•	•
Replacement Ferrule - Fits AD1329-42, -291	AD1329-44	•	•	•
Inlet Guides and Components				
1/4 in. (6.4 mm) NPT Steel Quick Disconnect	AD1329-281	•	•	•
3/8 in. (9.5 mm) Wire Feeder Inlet w/Quick Disconnect	AD1329-585	•	•	•
Connector Liner - 0.09 in. (2.3 mm) ID, Polymer	AD1329-583	•	•	•
Feed Assist Inlet Guide	AD1329-584	•	•	•
Guide Tube Assembly 7/64 Incoming 2 Roll	KP2139-8	•	•	•
Guide Tube Assembly 1/16 in. (1.6 mm) Outgoing	KP2118-3	•	•	•
Inlet Guide w/Quick Disconnect 0.373 in. (9.5 mm) Probe, 4.5 in. (114.3 mm) Long	AD1329-324	•	•	•
Inlet Guide w/Quick Disconnect 0.373 in. (9.5 mm) Probe, 2.75 in. (69.9 mm) Long	AD1329-318	•	•	•
Inlet Guide w/Quick Disconnect	AD1329-335	•	•	•
Lincoln® 10 Fdr, Inlet, 1/4 in. (6.4 mm) NPT (F) (Delrin®)	AD1329-578	•	•	•
Lincoln® 10 Series Inlet Adapter Delrin for Large Wire	KP5115-3	•	•	•
Lincoln® Inlet Guide Aluminum	AD1329-552	•	•	•
Lincoln® Inlet with QD	AD1329-336	•	•	•
Twinarc® Feeder Inlet	AD1329-528	•	•	•
Universal Inlet Kit	AD1329-315	•	•	•
Maintenance Supplies				
Nozzle Anti-Spatter Fluid 32 oz. (0.9 L) Spray Bottle	AD1329-390	•	•	•
Nozzle Anti-Spatter Fluid 1 Gal. (3.8 L) Bottle	AD1329-389	•	•	•
Nozzle Anti-Spatter Fluid 5 Gal. (19 L) Pail	AD1329-388	•	•	•
Nozzle Anti-Spatter Fluid 55 Gal. (208.2 L) Drum	AD1329-387	•	•	•
Mechanical Turntables				
Mechanical Turntable	AD1329-13			
Mechanical Turntable w/Assembled Brake	AD1329-238	•	•	•
Brake Kit for Mechanical Turntable	AD1329-240	•	•	•
Turntable Adapter Kit for One Wire Feed Assist	AD1329-567	•	•	•
Turntable Replacement Liner	AD1329-529	•	•	•
Turntable Replacement Wire Retainer	AD1329-530	•	•	•

NOTES



COLLABORATIVE ROBOTIC SYSTEMS

COOPER® COBOTS · CLASSMATE® COBOTS · COOPER® APP

COLLABORATIVE WELDING



We designed the Cooper® welding cobots to complement the skills of human welders. Cooper® welding cobots help improve welding productivity, weld quality, and repeatability in a collaborative way. We developed the Cooper® App for easy-to-use programming. The Power Wave® R450 robotic welding platform runs the systems with industry-leading performance. Cooper® welding cobots make integrating automation easy for any business.

CAN I DEMO THE COOPER® COBOT LIVE IN ACTION? **YES**

Get in touch with our sales team to schedule a live demo near you.

- **CONTROL** WELD QUALITY
- **SIMPLIFIED** PROGRAMMING
- **MATERIAL** OPTIMIZATION
- **OPERATOR** RESOURCE CENTER
- **REDUCE ERRORS**
- **INTUITIVE** OPERATION
- **ECONOMIC** INVESTMENT
- **ONLY ONE OPERATOR NEEDED**
- **INCREASED PRODUCTION** CAPABILITIES
- **AUTOMATED** WELDING
- **USER-FRIENDLY** CART DESIGN
- **UPGRADEABLE** SOFTWARE

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Cooper® APP
WELD PROGRAMMING

REMOVING BARRIERS TO AUTOMATED WELDING

The Cooper® App is exclusive to Cooper® welding cobots from Lincoln Electric Automation, designed to make welding as simple as Click Click Weld™! The innovative Cooper® App provides an easy and intuitive interface that gets operators performing welds quickly and allows simple adoption of personal preferences and customization of specific welds.

1

WELD BY NUMBERS

You don't need to be a robotics or welding expert to obtain quality welds. The Cooper® App includes easy-to-use, pre-programmed weld parameters designed to get you started, allowing customization for advanced users to improve individual results.

2

AUTO AIR MOTION RECORDING

This Lincoln Electric patented solution removes the burden from operators to program air movements and transitions between weld sequences, accelerating the time between programming and welding.

3

TORCH ANGLE QUICK SET

User can set their desired work and travel angles on weld points. These angles can be automatically applied to subsequent weld points to ensure consistent welds throughout.

NOT A WELDING EXPERT?

The Cooper® App leverages Lincoln Electric's welding expertise by providing users with pre-made weld sets with Weld by Numbers.



Advanced Features

Whether your fabrication requires a standard single-pass linear weld or structural steel multi-pass welds, the Cooper® App helps provide the solution. On-screen steps guide users through the weld programming process.



MULTI-PASS WELDING

By simply teaching the arc start and arc end location, you will define the offsets and direction of each pass. These passes can be saved to templates to be reused for other similar root welds.

THRU-ARC™ TRACKING

The Thru-Arc™ Tracking & Touch Sense features allow operators to automatically adjust the robot's toolpath to provide accurate weld bead placement in situations where there are imperfect part geometries, misaligned parts, warped parts, or high variance part fixtures.

WELD PATTERNING

The Weld Patterning feature helps you program the first segment of the part and then replicate the program to all the following identical segments. This saves significant programming time when working on parts with repetitive geometry.

Generation II Air-Cooled Cooper® Cobots

- Air-cooled systems are ideal for lower amperage applications
- Generation II includes a tabletop, easy access to equipment doors, Magnum® PRO Wire-Brake welding torches, and improved cable management bracket clamps
- The Cooper® App makes it simple for anyone to program and create a quality weld; on-screen instructions guide users step-by-step through the process of creating welds
- Cooper® Cobots are driven by Lincoln Electric Advanced Welding Equipment - including the Power Wave® R450 and AutoDrive® Robotic Wire feeder - delivering industry-leading innovation for superior weld performance and productivity



Output

CC CV DC

Input

1/3 PHASE 50/60 Hz

Literature

LEA-062123TM1-04 and LEA-091924AK1-05

Product Name	Product Number	Cart Dimensions L x W x H in (mm)	Robotic Arm Payload lb (kg)	Robot Arm Reach in (mm)	System Weight lb (kg)	System Work Envelope in (mm)	Fixed Table Payload lb (kg)
Cooper® CRX-10iA/L Air-Cooled Wire-Brake Welding Cobot Cart	AD2610-1	59 x 35 x 38.5 (1,498.6 x 889 x 977.9)	22 (10)	55.8 (1,418)	895 (407)	44 x 35 (1,117.6 x 889)	500 (226)
Cooper® CRX-10iA/L Air-Cooled Wire-Brake Welding Cobot Non-Cart Package	AD2611-1	N/A			253 (115)	N/A	N/A
Cooper® GoFa-10 Air-Cooled Wire-Brake Cobot Cart	AD2501-7	59 x 35 x 38.5 (1,498.6 x 889 x 977.9)		64 (1,620)	1,047.2 (475)	50 x 35 (1,270 x 889)	500 (226)
Cooper® GoFa-10 Air-Cooled Wire-Brake Welding Cobot Non-Cart Package	AD2501-12	N/A			800 (363)	N/A	N/A
Cooper® CRX30iA Air-Cooled Wire-Brake Welding Cobot Cart (Gen II)	AD2630-1	69 x 46 x 105 (1,743 x 1,174 x 2,662)	66 (30)	74.4 (1,889)	1,995 (905)	64 x 55 (1,625.6 x 1,397)	
Cooper® CRX30iA Air-Cooled Wire Brake Welding Cobot Package (Gen II)	AD2631-1						

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Generation II Water-Cooled Cooper® Cobots

- Water-cooled systems are ideal for heavy-duty, large-diameter wire applications
- Generation II includes a tabletop, easy access to equipment doors, Magnum® PRO Wire-Brake welding torches, and improved cable management bracket clamps
- The Cooper® App makes it simple for anyone to program and create a quality weld; on-screen instructions guide users step-by-step through the process of creating welds
- Cooper® Cobots are driven by Lincoln Electric Advanced Welding Equipment - including the Power Wave® R450 and AutoDrive® Robotic Wire feeder - delivering industry-leading innovation for superior weld performance and productivity



Output

CC CV DC

Input

1/3 PHASE 50/60 Hz

Literature

LEA-062123TM2-04 and LEA-091924AK1-05

Product Name	Product Number	Cart Dimensions L x W x H in (mm)	Robotic Arm Payload lb (kg)	Robot Arm Reach in (mm)	System Weight lb (kg)	System Work Envelope in (mm)	Fixed Table Payload lb (kg)
Cooper® CRX-10iA/L Water-Cooled Wire-Brake Welding Cobot Cart	AD2610-2	59 x 35 x 38.5 (1,498.6 x 889 x 977.9)	22 (10)	55.8 (1,418)	1,150 (522)	44 x 35 (1,117.6 x 889)	500 (226)
Cooper® CRX-10iA/L Water-Cooled Wire-Brake Welding Cobot Non-Cart Package	AD2611-2	N/A			361 (164)	N/A	N/A
Cooper® GoFa-10 Water-Cooled Wire-Brake Welding Cobot Cart	AD2501-6	59 x 35 x 38.5 (1,498.6 x 889 x 977.9)		64 (1,620)	1,150 (522)	50 x 35 (1,270 x 889)	500 (226)
Cooper® GoFa-10 Water-Cooled Wire-Brake Welding Cobot Non-Cart Package	AD2501-13	N/A			850 (386)	N/A	N/A
Cooper® CRX-30iA Water-Cooled Wire-Brake Welding Cobot Cart (Gen II)	AD2630-2	69 x 46 x 105 (1,743 x 1,174 x 2,662)	55 (25)	74.4 (1,889)	2,216 (1,005)	64 x 55 (1,625.6 x 1,397)	
Cooper® CRX-30iA Water-Cooled Wire-Brake Welding Cobot Package (Gen II)	AD2631-2	N/A			571 (259)	N/A	

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Flex Lase Cobot

Robotic Laser Systems

- 2kW laser output and a robust package promote high precision welding applications with faster travel speeds
- CRX 10iA/L w/R-30iB Plus Mini Controller - sensitive contact detection and manual-guided teaching promotes ease of programming
- Cart & Enclosure - designed to move anywhere with a laser-enclosure built on top of the cart



Output

CC CV DC

Input

1/3 PHASE 50/60 Hz

Literature

LEA-080125TM2-04

Product Name	Product Number	Cart Dimensions L x W x H in (mm)	Robotic Arm Payload lb (kg)	Robot Arm Reach in (mm)	System Weight lb (kg)	System Work Envelope in (mm)	Fixed Table Payload lb (kg)
Flex Lase Cobot	AD2516-2	114 x 61 x 89 (2,896 x 1,549 x 2,261)	22 (10)	55.8 (1,418)	1,200 (544)	46 x 48 (1168 x 1219)	500 (226)

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov



What's Included

AC » Air-Cooled Welding Torch
WC » Water-Cooled Welding Torch
WB » Wire Brake Welding Torch
SA » AutoDrive® SA Wire Feeder

Generation II Air-Cooled Cooper® Cobots

Cooper® CRX-10iA/L AC WB Welding Cobot Cart (AD2610-1)

- The Cooper® App
- FANUC® CRX Robot With Tablet-Based Teach Pendant
- Power Wave® R450 Robotic Welding Power Source
- AutoDrive® 4R220 Wire Feeder
- Magnum® PRO Water-Cooled Wire-Brake Torch
- Cool Wave™ 20S Water Cooler
- Fault Reset Palmstation
- Heavy-Duty Casters
- Stabilizing Kickstand

Cooper® CRX-10iA/L A/C WB Welding Cobot Non-Cart Package (AD2611-1)

- The Cooper® App
- FANUC® CRX Robot With Tablet-Based Teach Pendant
- Power Wave® R450 Robotic Welding Power Source
- Autodrive® 4R100 Wire Feeder
- Magnum® PRO Air-Cooled Wire-Brake Torch
- Fault Reset Palmstation

Cooper® CRX-30iA A/C WB Welding Cobot Cart (AD2630-1)

- The Cooper® App
- FANUC® CRX-30iA Cobot With Tablet-Based Teach Pendant
- Power Wave® R450 Robotic Welding Power Source
- Autodrive® 4R100 Wire Feeder
- Magnum® PRO Air-Cooled Wire-Brake Torch
- Fault Reset Palmstation
- Fixed Welding Table
- Heavy-Duty Casters

Cooper® CRX-30iA A/C WB Welding Cobot Non-Cart Package (AD2631-1)

- The Cooper® App
- FANUC® CRX Robot With Tablet-Based Teach Pendant
- Power Wave® R450 Robotic Welding Power Source
- Autodrive® 4R100 Wire Feeder
- Magnum® PRO Air-Cooled Wire-Brake Torch
- Fault Reset Palmstation
- Fixed Welding Table
- Heavy-Duty Casters
- Stabilizing Kickstand

Cooper® GoFa-10 A/C WB Welding Cobot Cart (AD2501-7)

- The Cooper® App
- ABB GoFa Collaborative Arc Welding Robot Arm
- Power Wave® R450 Power Source
- Autodrive® 4R100 Wire Feeder
- Magnum® PRO Air-Cooled Wire-Brake Welding Torch
- Heavy-Duty Caster System
- Kickstand Cart Stabilizer

Cooper® GoFa-10 A/C WB Welding Cobot Non-Cart Package (AD2501-12)

- The Cooper® App
- FANUC® CRX Robot With Tablet-Based Teach Pendant
- Power Wave® R450 Robotic Welding Power Source
- Autodrive® 4R100 Wire Feeder
- Magnum® PRO Air-Cooled Wire-Brake Torch
- Fault Reset Palmstation
- Fixed Welding Table
- Heavy-Duty Casters
- Stabilizing Kickstand

Generation II Water-Cooled Cooper® Cobots

Cooper® CRX-10iA/L W/C WB Welding Cobot Cart (AD2610-2)

- The Cooper® App
- FANUC® CRX Robot With Tablet-Based Teach Pendant
- Power Wave® R450 Robotic Welding Power Source
- Autodrive® 4R220 Wire Feeder
- Magnum® PRO Water-Cooled Wire-Brake Torch
- Cool Wave® 20S Water Cooler
- Fault Reset Palmstation
- Heavy-Duty Casters
- Stabilizing Kickstand

Cooper® CRX-10iA/L W/C WB Welding Cobot Package (AD2611-2)

- The Cooper® App
- FANUC® CRX-10iA/L Collaborative Arc Welding Robot Arm
- Tablet-Based Teach Pendant
- Power Wave® R450 Power Source
- Autodrive® 4R220 Wire Feeder
- Magnum® PRO Water-Cooled Wire-Brake Robotic Torch
- Cool Wave® 20S Water Cooler

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

What's Included

AC » Air-Cooled Welding Torch
WC » Water-Cooled Welding Torch
WB » Wire Brake Welding Torch
SA » AutoDrive® SA Wire Feeder

Cooper® CRX-30iA W/C WB Welding Cobot Cart (Gen II) (AD2630-2)

- The Cooper® App
- FANUC® CRX-30iA Cobot With Tablet-Based Teach Pendant
- Power Wave® R450 Robotic Welding Power Source
- Autodrive® 4R220 Wire Feeder
- Magnum® PRO Water-Cooled Wire Brake Torch
- Cool Wave® 20S Water Cooler
- Fault Reset Palmstation
- Heavy-Duty Casters

Cooper® CRX-30iA W/C WB Welding Cobot Non-Cart Package (AD2631-2)

- The Cooper® App
- FANUC® CRX Robot With Tablet-Based Teach Pendant
- Power Wave® R450 Robotic Welding Power Source
- Autodrive® 4R220 Wire Feeder
- Magnum® PRO Water-Cooled Wire Brake Torch
- Cool Wave® 20S Water Cooler
- Fault Reset Palmstation

Cooper® GoFa-10 W/C WB Welding Cobot Cart (AD2501-6)

- The Cooper® App
- ABB GoFa Collaborative Arc Welding Robot Arm
- Power Wave® R450 Power Source
- AutoDrive® 4R220 Wire Feeder
- Magnum® PRO Water-Cooled Wire Brake Robotic Torch
- Cool Arc® 20S Water Cooler
- Heavy-Duty Caster System
- Kickstand Cart Stabilizer

Cooper® GoFa-10 W/C WB Welding Cobot Non-Cart Package (AD2501-13)

- The Cooper® App
- ABB GoFa Collaborative Arc Welding Robot Arm
- Power Wave® R450 Power Source
- Autodrive® 4R220 Wire Feeder
- Magnum® PRO Water-Cooled Wire Brake Robotic Torch
- Cool Wave® 20S Water Cooler

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

NOTES



WELD FUME CONTROL

MODEL	FILTER		PROCESS				INPUT	FEATURES				
	System	Size: ft² (m²)	Stick	TIG	MIG	Flux-Cored	Volts/Phase/Hertz	Portable/Mobile	Start/Stop Sensor	Filter Indicator Gauge	Single Arm System	Dual Arm System
PORTABLE												
X-Tractor® Mini	Disposable	118 (11)	◓	●	●	◓	120/1/60 230/1/50	•	•	•	•	
X-Tractor® 1 Fume Gun	Self-Cleaning	30 (2.8)	◓	●	●	●	120/1/50/60 230/1/50/60	•	•		•	
X-Tractor® 2 Fume Gun	Self-Cleaning	160 (15)	◓	●	●	●	208/230/3/60, 460/3/60, 575/3/60	•	•	•		•
Prism® Direct Exhaust Fan	Non-Filtration	–	●	●	●	●	115/1/60 230/1/50	•			•	
MOBILE												
Prism® Mobile	Disposable	538 (50)	◓	●	●	◓	120/1/60 230/1/50	•		•	•	
Prism® Mobile with Mechanized Cleaning	Self-Cleaning	325 (30)	●	●	●	●	115/1/60 230/1/50	•		•	•	
STATIONARY												
Prism® Wall Mount	Disposable	538 (50)	◓	●	●	◓	115/1/60			•	•	•
Prism® Wall Mount with Mechanized Cleaning	Self-Cleaning	560 (52)	●	●	●	●	115/1/60 230/1/50/60			•	•	•
Prism® Circulator®	Self Cleaning/ Disposable	1280 (118)	●	●	●	●	460/3/60, 575/3/60, 230/3/60					
Prism® Downdraft Direct	Non-Filtration	–	●	●	●	●	–					
Prism® Downdraft Table	Disposable	560 (52)	◓	●	●	◓	208-230/460/3/60			•		
Prism® Downdraft Table with Mechanized Cleaning	Self-Cleaning	560 (52)	●	●	●	●	208-230/460/3/60		•	•		
Prism® Exhaust Booth	Disposable	560 (52)	◓	●	●	◓	230/1/60 230/3/60			•	•	

ROBOTIC SYSTEMS » Robotic On-Torch Fume Solutions • Prism® Robotic Line Hood • Prism® Exhaust Hood

CONFIGURED-TO-APPLICATION » Prism® Fume Extraction Arms • Booth Specific Fume Extraction Arms • Single and Dual Weld Booths w/Prism® Wall Mount One-Pak® • Modular Extraction Hood • Prism® Exhaust Hood • Ambient Air Solutions • Prism® Central System • Prism® Compact • Push/Pull Systems

THERMAL SUPPRESSION » Prism® Thermal Suppression

KEY: ● Excellent ◓ Good • Optional

X-Tractor® Mini 120/1/60

Industry-Leading Portability and Ease of Use

- High vacuum system designed for confined and hard-to-reach spaces
- Ideal for light duty welding applications
- Start/Stop sensor reduces energy consumption
- Quick and easy filter replacement and maintenance
- Includes E12 HEPA filter
- Great for small industrial shops and educational applications



Shown: X-Tractor® Mini and EN-20 Nozzle (K3972-5)

Processes
- Stick
- TIG
- MIG
- Flux-Cored

Input
1 PHASE | 60 Hz | 50 Hz

Literature
E13.11

3-Year Warranty

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Input Current @ Rated Output	Sound Level	Air Flow CFM	Power Rating HP	Filter Surface Area ft² (m²)	H x W x D in (mm)	Net Wt. lb (kg)
X-Tractor® Mini Base Unit	K3972-3	120/1/60	12.0A	80 dBA	H : 108 L : 95	2.4 (1.2/motor)	118 (11)	29 x 15.6 x 16.8 (736 x 396 x 427)	40 (18.1)
w/EN-20 Nozzle	K3972-5	120/1/60	12.0A						41 (18.6)

X-Tractor® 1 Fume Gun

Portable Welding Fume Extractor

- High Vacuum extraction system designed to be used with an extraction nozzle or a fume gun
- Intended for light duty welding in small shops, maintenance applications and for home/hobby projects
- Manually-operated rotary air jet filter cleaning system reduces filter change-over and overall costs
- Quiet operation at <74 dBA
- Automatic Stop/Start provides extraction only when needed



Shown: X-Tractor® 1 Fume Gun and Suction Nozzle One-Pak®

Processes
- Stick
- TIG
- MIG
- Flux-Cored

Input
1 PHASE | 50/60 Hz

Literature
E13.17

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Input Current @ Rated Output	Filter Size, ft² (m²)	Air Flow CFM	H x W x D in (mm)	Net Wt lb (kg)
X-Tractor® 1 Fume Gun Base Model	K652-1	120/1/50/60	15A	30.1 (2.8)	H : 115 L : 55	13.4 x 26.8 x 15.8 (340 x 680 x 400)	37 (17)
	K652-2	230/1/50/60	9A				
One-Pak®	K4260-4	120/1/50/60	15A				49 (22.2)

X-Tractor® 2 Fume Gun

Portable Welding Fume Extractor

- A 2-port high vacuum extraction system designed to be used with manual welding guns, robotic fume removal torches, or an extraction nozzle
- Intended for medium to heavy-duty applications
- Automatic Stop/Start provides extraction only when needed
- High SCFM controlled at the unit (180 SCFM)
- 160 sq. ft. (14.9 sq. m) of filter media
- Offers filter cleaning to extend filter life and decrease operating costs



Processes
- Stick
- TIG
- MIG
- Flux-Cored

Input

3 PHASE | 60 Hz

Literature
E13.22

3-Year Warranty

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Input Current @ Rated Output	H x W x D in (mm)	Net Wt lb (kg)
X-Tractor® 2 Fume Gun Base Unit	K5271-1	460/3/60	5.2A	44.8 x 26.1 x 32.3 (1138 x 663 x 820)	335 (152)
	K5271-2	208-230/3/60	10.5 - 10.3A		
	K5271-3	575/3/60	3.8A		

Robotic On-Torch Fume Solutions

On-Torch Fume Extraction Kits

- High Vacuum - high local pressure where low volumes of air are being extracted
- Source Capture - capture fume at the source without interrupting the shielding gases
- Energy Efficient - uses a lower SCFM compared to robotic hoods
- Simple to Install - kit includes the tools and parts you need for simple set up
- Versatile - use with both air and water cooled torches



Cobot Application



Robotic Application

Processes
All robotic welding processes where at-source extraction is preferred

Literature
E13.24

3-Year Warranty

ON-TORCH KIT FOR COBOT APPLICATIONS

10 ft. (3 m) Hose

Product Number	Torch Body Diameter mm (in)	Torch Goose Neck Diameter mm (in)
AD1389-30	50-70 (1.97-2.76)	18-19 (0.71-0.75)
AD1389-31		20-21 (0.79-0.83)
AD1389-32		22-23 (0.87-0.91)
AD1389-33	68-100 (2.67-3.94)	18-19 (0.71-0.75)
AD1389-34		20-21 (0.79-0.83)
AD1389-35		22-23 (0.87-0.91)

ON-TORCH KIT FOR ROBOT APPLICATIONS

25 ft. (7.6 m) Hose

Product Number	Torch Body Diameter mm (in)	Torch Goose Neck Diameter mm (in)
AD1389-36	50-70 (1.97-2.76)	18-19 (0.71-0.75)
AD1389-37		20-21 (0.79-0.83)
AD1389-38		22-23 (0.87-0.91)
AD1389-39	68-100 (2.67-3.94)	18-19 (0.71-0.75)
AD1389-40		20-21 (0.79-0.83)
AD1389-41		22-23 (0.87-0.91)

Prism® Mobile

Low Vacuum Mobile Welding Fume Extractors

- Filter status indicator monitors the amount of particulate in the filter cartridge to alert the user for filter replacement
- Generous airflow (735 CFM with Prism® Mobile 10 ft./13 ft. (3 m/4 m) Fume Extraction Arm) and large filter capacity (538 ft.²/164 m²)
- Choose from two arm lengths 10 ft. (3.0 m) and 13 ft. (4.0 m) or select a hose/hood set
- Manual or optional automatic on/off (arc sensor) operation



Shown:
Prism® Mobile w/10 ft. (3 m) Arm and Arc Sensor/Lamp Kit One-Pak®

Processes
- Stick
- TIG
- MIG
- Flux-Cored

Input

1 PHASE 60 Hz

Literature
E13.21

3-Year Warranty

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Input Current @ Rated Output	Filter Type/ Filter Size, ft² (m²)	Air Flow CFM	H x W x D in (mm)	Net Wt lb (kg)
Prism® Mobile MERV 14 Filter Base Unit	K1653-4	120/1/60	6.1A	Cellulose/ 538 (50)	735	36 x 32 x 48 (900 x 810 x 1210)	200 (90.7)
w/ 10 ft (3 m) Arm One-Pak®	K4259-2						233 (105.7)
w/ 10 ft (3 m) Arm and Arc Sensor/Lamp Kit One-Pak®	K4259-3						
w/ 13 ft (4 m) Arm One-Pak®	K4259-4						237 (107.5)
Prism® Mobile HEPA w/13 ft. (4 m) Arm One-Pak®	K4259-12						
Prism® Mobile HEPA w/13 ft. (4 m) Arm and Arc Sensor/Lamp Kit One-Pak®	K4259-13						
w/ 13 ft (4 m) Arm and Arc Sensor/Lamp Kit One-Pak®	K4259-5						238 (108.0)
Prism® Mobile MERV 16 Filter Base Unit	K1653-5	120/1/60	7.6A	High-Efficiency Featuring Nano Fibers 538 (50)	735	36 x 32 x 48 (900 x 810 x 1210)	209 (94.8)
w/ 10 ft (3 m) Arm One-Pak®	K4259-6						242 (109.8)
w/ 10 ft (3 m) Arm and Arc Sensor/Lamp Kit One-Pak®	K4259-7						243 (110.2)
w/ 13 ft (4 m) Arm One-Pak®	K4259-8						246 (111.6)
w/ 13 ft (4 m) Arm and Arc Sensor/Lamp Kit One-Pak®	K4259-9						247 (112.0)
Prism® Mobile HEPA Filter Base Unit	K1653-6						
Prism® Mobile HEPA w/10 ft. (3 m) Arm One-Pak®	K4259-10						
Prism® Mobile HEPA w/10 ft. (3 m) Arm and Arm Sensor/Lamp Kit One-Pak®	K4259-11						

Prism® Direct Exhaust Fan

Compact Welding Fume Exhaust Unit

- Ideal for construction sites or applications where fume removal does not require filtration
- Weighs only 37.5 lbs. (17 kg)
- Low 69 dB(A) noise level
- Maximum 32 ft. (9.8 m) reach distance with hood and hose set or extension hose set



Shown:
Prism® Direct Exhaust Fan One-Pak®

Processes
- Stick
- TIG
- MIG
- Flux-Cored

Input

1 PHASE 60 Hz

Literature
E13.42

3-Year Warranty

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Input Current @ Rated Output	Filter Type/ Filter Size, ft² (m²)	Air Flow CFM	H x W x D in (mm)	Net Wt. lb (kg)
Prism® Direct Exhaust Fan Base Model	K1666-3	115/1/60	10A	No Filtration, Exhaust Only	Up to 765 depending on length of hose(s) used	23.1 x 18.9 x 18.6 (587 x 480 x 472)	37.5 (17)
One-Pak®	K4260-3	115/1/60	10A				78 (35.3)

Prism® Mobile with Mechanized Cleaning

Mobile Self-Cleaning Fume Extraction System

- Automatic cleaning system simplifies filter maintenance
- Filter status indicator monitors amount of particulate in filter cartridge to alert the user for filter maintenance or replacement
- Generous airflow and large filter capacity
- Choose from two arm lengths 10 ft. (3.0 m) and 13 ft. (4.0 m) or select a hose/hood set
- Manual or optional automatic on/off (arc sensor) operation



Processes
- Stick
- TIG
- MIG
- Flux-Cored

Input

1 PHASE 60 Hz

Literature
E13.21

3-Year Warranty

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Input Current @ Rated Output	Filter Type/ Filter Size, ft² (m²)	Air Flow CFM	H x W x D in (mm)	Net Wt lb (kg)
Prism® Mobile with Mechanized Cleaning MERV 14 Filter Base Unit	K1741-3	115/1/60	7.6A	Cellulose/ 325 (30)	735	40 x 32 x 48 (1020 x 810 x 1210)	220 (99.7)
w/ 10 ft (3 m) Arm One-Pak®	K4384-1						253 (114.7)
w/ 10 ft (3 m) Arm and Arc Sensor/Lamp Kit One-Pak®	K4384-2						254 (115.2)
w/ 13 ft (4 m) Arm One-Pak®	K4384-3						257 (116.5)
w/ 13 ft (4 m) Arm and Arc Sensor/Lamp Kit One-Pak®	K4384-4						258 (117)
Prism® Mobile with Mechanized Cleaning with MERV 16 Filter Base Unit	K1741-4	115/1/60	7.6A	High-Efficiency Featuring Nano fibers/ 325 (30)	735	40 x 32 x 48 (1020 x 810 x 1210)	229 (103.8)
w/ 10 ft (3 m) Arm One-Pak®	K4384-5						262 (118.8)
w/ 10 ft (3 m) Arm and Arc Sensor/Lamp Kit One-Pak®	K4384-6						263 (119.2)
w/ 13 ft (4 m) Arm One-Pak®	K4384-7						266 (120.6)
w/ 13 ft (4 m) Arm and Arc Sensor/Lamp Kit One-Pak®	K4384-8						267 (121.11)

Prism® Wall Mount

Convenient Wall-Mounted System

- Intended for facilities with fixed work stations and little available floor space
- Designed for light to medium fume extraction and filtration
- Generous airflow up to 735 CFM with Prism® Wall Mount 10 ft. or 13 ft. (3 m/4 m) extraction arms and Prism® 2400 Stationary Fan
- Large filter capacity, 538 ft.² (164 m²), increases efficiency, filter life and reduces operational costs



Prism® Wall Mount Dual Arm with Flexible Fume Extraction Arm and Arc Sensor Lamp Kit One-Pak® (K4261-12)

Processes
- Stick
- TIG
- MIG
- Flux-Cored

Input

1 PHASE 60 Hz

Literature
E13.14

3-Year Warranty

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Input Current @ Rated Output	Filter Type/ Filter Size, ft² (m²)	Air Flow CFM	H x W x D in (mm)	Net Wt lb (kg)
Prism® Wall Mount MERV 14 Filter Single Arm Base Unit	K1654-4	N/A	N/A	Cellulose/ 538 (50)	735	36 x 32 x 28 (900 x 810 x 730)	90 (41)
One-Pak® MERV 14 Filter w/Flexible 13 ft (4 m) Single Arm and Starter/Overload Switch	K4261-3	115/1/60	9.4A (Prism® 2400 Stationary Fan)				
One-Pak® MERV 14 Filter w/Flexible 13 ft (4 m) Single Arm, Arc Sensor/Lamp Kit	K4261-14						
One-Pak® MERV 14 Filter w/Flexible 10 ft (3 m) Single Arm and Starter/Overload Switch	K4261-2						—
One-Pak® MERV 14 Filter w/Flexible 10 ft (3 m) Single Arm and Arc Sensor/Lamp Kit	K4261-6						
One-Pak® MERV 14 Filter w/Telescopic 5-8 ft (1.5-2.4 m) Arm and Starter/Overload Switch	K4261-5						
One-Pak® MERV 14 Filter w/Telescopic 5-8 ft (1.5-2.4 m) Single Arm, Arc Sensor/Lamp Kit	K4261-17						
One-Pak® MERV 14 Filter w/Telescopic 4-6 ft (1.2-1.8 m) Single Arm, Starter/Overload Switch	K4261-15						
One-Pak® MERV 14 Filter w/Telescopic 4-6 ft (1.2-1.8 m) Single Arm, Arc Sensor/Lamp Kit	K4261-16						
Prism® Wall Mount HEPA Single Arm Base Unit	K1654-10			HEPA ePTFE H14, 538 (50)			
Prism® Wall Mount w/MERV 16 Filter Single Arm Base Unit	K1654-6	N/A	N/A	Nano coated Cellulose 538 (50)	1200		
Prism® Wall Mount MERV 14 Filter Dual Arm Base Unit	K1654-5			Cellulose/ 538 (50)			102 (46)
One-Pak® MERV 14 Filter w/Dual Flexible 13 ft (4 m) Arms and Starter/Overload Switch	K4261-9	115/1/60	9.4A (for each Prism® 2400 Stationary Fan)				
One-Pak® MERV 14 Filter w/Dual Flexible 13 ft (4 m) Arms and Arc Sensor/Lamp Kit	K4261-18						
One-Pak® MERV 14 Filter w/Dual Flexible 10 ft (3 m) Arms and Starter/Overload Switch	K4261-8						—
One-Pak® MERV 14 Filter w/Dual Flexible 10 ft (3 m) Arms and Arc Sensor/Lamp Kit	K4261-12						
One-Pak® MERV 14 Filter w/Dual Telescopic 5-8 ft (1.5-2.4 m) Arms and Starter/Overload Switch	K4261-11						
One-Pak® MERV 14 Filter w/Dual Telescopic 5-8 ft (1.5-2.4 m) Arms and Arc Sensor/Lamp Kit	K4261-21						
One-Pak® MERV 14 Filter w/Dual Telescopic 4-6 ft (1.2-1.8 m) Arms and Starter/Overload Switch	K4261-19						
One-Pak® MERV 14 Filter w/Dual Telescopic 4-6 ft (1.2-1.8 m) Arms and Arc Sensor/Lamp Kit	K4261-20						
Prism® Wall Mount w/MERV 16 Filter Dual Arm Base Unit	K1654-9	N/A	N/A	Nano coated Cellulose 538 (50)			
Prism® Wall Mount HEPA Dual Arm Welding Fume Extractor Base Unit	K1654-11			HEPA ePTFE H14, 538 (50)			

Prism® Wall Mount with Mechanized Cleaning

Fume Doesn't Stand a Chance

- Wall-mounted low vacuum systems intended for heavy duty extraction and filtration of welding fume
- Dual arm capacity with optional extended reach up to 27 ft. (8.2 m)
- Automatic self-cleaning filters cut down on filter replacement costs and system maintenance
- Front loading filters
- The integrated spark arrestor functions as a pre-filter for larger-sized particulate and also deadens sparks



Prism® Wall Mount w/Mechanized Cleaning Single Arm w/Extension Crane One-Pak® (K4468-2)

Processes
- Stick
- TIG
- MIG
- Flux-Cored

Input

60 Hz | 1 PHASE | 3 PHASE

Literature
E13.14

3-Year Warranty

Product Name	Product Number	Input Power Voltage/ Phase/Hertz	Input Current @ Rated Output	Filter Type/ Filter Size, ft² (m²)	Air Flow CFM	H x W x D in (mm)	Net Wt lb (kg)
Prism® Wall Mount with Mechanized Cleaning MERV 16 Filter Single Arm Base Unit	K3681-1	115/1/60	0.5A	Cellulose-Polyester MERV 16/ 568 (52)	735	38 x 34 x 36 (970 x 860 x 910)	270 (122)
One-Pak® MERV 16 Filter w/Flexible 10 ft (3 m) Single Arm, Starter/ Overload Switch and Prism® 2400 Stationary Fan	K4468-1		9.4A (Prism® 2400 Fan)				—
One-Pak® MERV 16 Filter w/Flexible 10 ft (3 m) Single Arm, Arc Sensor/ Lamp Kit and Prism® 2400 Stationary Fan	K4468-5						
One-Pak® MERV 16 Filter w/Flexible 13 ft (4 m) Single Arm, Starter/ Overload Switch and Prism® 2400 Stationary Fan	K4468-8						
One-Pak® MERV 16 Filter w/Telescopic 5-8 ft (1.5-2.4 m) Single Arm, Starter/Overload Switch and Prism® 2400 Stationary Fan	K4468-13						
One-Pak® MERV 16 Filter w/Telescopic 5-8 ft (1.5-2.4 m) Single Arm, Starter/Overload Switch and Prism® 2400 Stationary Fan	K4468-15						
One-Pak® MERV 16 Filter w/Flexible 10 ft (3 m) Single Arm, 7 ft (2.1 m) Extension Crane, Starter/Overload Switch and Prism® 4200 Fan	K4468-2	230/3/60 (Prism® 4200 Fan)	6.8A (Prism® 4200 Stationary Fan)				
One-Pak® MERV 16 Filter w/Flexible 10 ft (3 m) Single Arm, 14 ft (4.3 m) Extension Crane, Starter/Overload Switch and Prism® 4200 Fan	K4468-3						
One-Pak® MERV 16 Filter w/Flexible 10 ft (3 m) Single Arm, 7 ft (2.1 m) Extension Crane, Arc Sensor/Lamp Kit and Prism® 4200 Fan	K4468-6						
One-Pak® MERV 16 Filter w/Flexible 13 ft (4 m) Single Arm, 7 ft (2.1 m) Extension Crane, Starter/Overload Switch and Prism® 4200 Fan	K4468-9						
One-Pak® MERV 16 Filter w/Flexible 13 ft (4 m) Single Arm, 14 ft (4.3 m) Extension Crane, Starter/Overload Switch and Prism® 4200 Fan	K4468-10						
Prism® Wall Mount with Mechanized Cleaning MERV 16 Filter Dual Arms Base Unit	K3681-2	115/1/60	0.5A		1200		290 (131)
One-Pak® MERV 16 Filter w/Flexible 10 ft (3 m) Dual Arms, Two Arc Sensor/Lamp Kits and Two Prism® 2400 Stationary Fans	K4468-7		9.4A (for each Prism® 2400 Fan)				—
One-Pak® MERV 16 Filter w/Flexible 10 ft (3 m) Dual Arms, Two Starter/ Overload Switches and Two Prism® 2400 Stationary Fans	K4468-17						
One-Pak® MERV 16 Filter w/Flexible 13 ft (4 m) Dual Arms, Two Starter/ Overload Switches and Two Prism® 2400 Stationary Fans	K4468-11						
One-Pak® MERV 16 Filter w/Flexible 13 ft (4 m) Dual Arms, Two Arc Sensor/Lamp Kits and Two Prism® 2400 Stationary Fans	K4468-19						
One-Pak® MERV 16 Filter w/Telescopic 5-8 ft (1.5-2.4 m) Dual Arms, Two Starter/Overload Switches and Two Prism® 2400 Stationary Fans	K4468-14						
One-Pak® MERV 16 Filter w/DualTelescopic 5-8 ft (1.5-2.4 m) Dual Arms, Two Arc Sensor/Lamp Kits and Two Prism® 2400 Stationary Fans	K4468-16						

Prism® Fume Extraction Arms

Built with the Welder in Mind

- Ultra-light dent and scratch-resistant material
- 360 degree rotatable hood
- Advanced spring-balanced internal mechanism holds the position you set



Shown: K1655-8 10 ft. (3 m) Prism® Fume Extraction Arm

Shown: K1655-14 Prism® Telescopic 5-8 ft. (1.5-2.4 m) Counter-Weight Fume Arm

Shown: K1655-15 Prism® Telescopic 4-6 ft. (1.2-1.8 m) Counter-Weight Fume Arm

Processes
- Stick
- TIG
- MIG
- Flux-Cored

Literature
E13.16

Product Name	Product Number	Use With	Arm Length ft (m)	CFM with Prism® 2400 Fan (with no filtration)	H x W in (mm)	Net Wt lb (kg)
Prism® Flexible 10 ft (3 m)	K2633-5	Prism® Mobile	10 (3.1)	760	8 x 118 (203 x 3000)	33 (15)
	K1655-8	Prism® Wall Mount				
Prism® Flexible 10 ft (3 m) (w/ Arc Sensor/Lamp Kit)	K2633-6	Prism® Mobile				34 (15.4)
Prism® Flexible 13 ft (4 m)	K2633-7	Prism® Mobile	13 (4.1)	760	8 x 157 (203 x 4000)	37 (16.7)
	K1655-9	Prism® Wall Mount				
Prism® Flexible 13 ft (4 m) (w/ Arc Sensor/Lamp Kit)	K2633-8	Prism® Mobile				38 (17)
Prism® Telescopic 4-6 ft (1.2-1.8 m)	K1655-15	Prism® Wall Mount	Variable from 4.0-6.0 (1.2-1.8)		8 x 48 x 72 (203 x 1220 x 1830)	57 (26)
Prism® Telescopic 5-8 ft (1.5-2.4 m)	K1655-14	Prism® Wall Mount	Variable from 5.0-8.2 (1.5-2.5)		8 x 62 x 100.5 (203 x 1575 x 2553)	59.5 (27)

Prism® Downdraft

Dual Purpose Workbench and Extraction System

- Prism® Downdraft table models feature strong back and downdraft extraction capacity, 3-stage spark arrestor and sizable 560 ft² (52 m²) of filter media
- Automatic Filter Cleaning: The on-board Mechanized Cleaning model uses blasts of compressed air (external resource) to knock particulate from the filter surfaces, extending the time interval between filter replacements.
- The Prism® Downdraft Direct model is designed for fabricators that prefer to add their own extraction system to the downdraft table



Shown: Prism® Downdraft

Processes
- Stick
- TIG
- MIG
- Flux-Cored
- Plasma Cutting
- Grinding[1]

Input[2]

3 PHASE 60 Hz

Literature
E13.50 Prism® Downdraft
E13.53 Prism® Downdraft Direct

3-Year Warranty

[1] Not suitable for use when grinding Aluminum, Magnesium or other explosive materials.
[2] Downdraft only.

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Input Current @ Rated Output	Filter Type	Filter Size ft² (m²)	Air Flow CFM	H x W x D[1] in (mm)	Net Wt lb (kg)
Prism® Downdraft With Mechanized Cleaning	K2751-11	208-230/460/3/60	11.7-10.5/5.4A	MERV 16	560 (52)	N/A	61.6 x 54.7 x 39.2 (1565 x 1389 x 996)	718 (326)
	K2751-16	575/3/60	3.8A					
Prism® Downdraft	K2751-10	208-230/460/3/60	11.7-10.5/5.4A	MERV 16	560 (52)	N/A	61.6 x 54.7 x 39.2 (1565 x 1389 x 996)	683 (311)
	K2751-14	575/3/60	3.8A					
Prism® Downdraft Direct	K2751-9	N/A	N/A	No Filtration	N/A	N/A	54.7-61.7 x 36 x 54.1 (1389-1567 x 914.4 x 1374.1)	330 (150)

[1] **For Prism® Downdraft and Prism® Downdraft With Mechanized Cleaning:** With height adjustments: 1.5 in. (38 mm) additional height for leveling. With Wheel Kit: 62.9 in. (1598 mm) height.

Prism® Robotic Line Hood

Engineered to Fit Your Space

- Designed for large scale automated production lines (up to 30 robotic arms)
- Engineered to fit a range of production line sizes and unique floor-plans
- Utilizing standard construction materials, the Prism® Robotic Line Hood is the most economical option for welding production lines with three or more robotic arms
- Mounting Options - The hood can be mounted to the automation cell, on standalone legs or suspended from the ceiling
- Installed by the Experts - Materials are field cut-to-size, assembled and installed



Processes
- Stick
- TIG
- MIG
- Flux-Cored
- Plasma Cutting
- Arc Gouging
- Grinding[1]

Contact your local TSR, who can put you in touch with a Lincoln Electric Environmental Sales Specialist.

Prism® Exhaust Hoods

Simple. Flexible. Cost Effective.

- Standard square or rectangular hood for small automated setups with 1 to 2 robotic arms or manual welding stations
- Manage your automation welding & cutting fume extraction with cost-effective simplicity
- Capture fume without sacrificing quality and efficiency
- With its modular design and extensive range of standard sizes, you can customize a Prism® Exhaust Hood to fit your exact automation cell dimensions
- Maximize your fume management strategy by pairing your hood with a Prism® or Prism® Compact system
- Shipped Assembled



Processes
- Stick
- TIG
- MIG
- Flux-Cored
- Plasma Cutting
- Arc Gouging
- Grinding[1]

Literature
E13.120

Order
AD2458 Series

Many combinations are available to fit your needs. For further assistance, contact your local TSR, who can put you in touch with a Lincoln Electric Environmental Sales Specialist.

[1] Not suitable when grinding aluminum, magnesium, or other materials which may produce explosive dust

Prism® Exhaust Booth

Weld Booth with Top-Mounted Fume Extraction – One-Paks®

- Plug-and-Play Format – Drop-in welding booth with fume extraction designed for small schools and shops
- Duct-Free Design – No ductwork required. Simply provide power to the unit
- Dual Coverage – Captures weld fume in two key locations – near the fume source with the fume extraction arm and through the vent hood
- Optimized Air Control – Easily adjust the airflow rate and balance between the arm and hood extraction points
- Versatile Configurations – Booths can be ordered in standalone, side-by-side and back-to-back formats



Processes
- Stick
- TIG
- MIG
- Flux-Cored
- Plasma Cutting
- Oxyfuel Cutting

Literature
E13.51

Product Description	Product Number	Interior Dimensions ft (m)	Exterior Overall Dimensions ft (m)	Height ft (m)	Panel Construction	Reinforced Frame
Prism® Exhaust Booth Standalone (Side-by-Side Starter), 230V, 3 Phase - One-Pak®	K5664-1	5 x 5 (1.5 x 1.5)	5.5 x 6 (1.7 x 1.8)	9.9 (3)	16 Gauge Sheet Metal	11 Gauge Angle
Prism® Exhaust Booth Side-by-Side Add-On, 230V, 3 Phase - One-Pak®	K5664-2					
Prism® Exhaust Booth Back-to-Back Standalone (Back-to-Back Starter), 230V, 3 Phase - One-Pak®	K5664-3		5.5 x 11 (1.7 x 3.4)			
Prism® Exhaust Booth Back-to-Back Add-On, 230V, 3 Phase - One-Pak®	K5664-4					
Prism® Exhaust Booth Standalone (Side-by-Side Starter), 230V, 1 Phase - One-Pak®	K5664-5		5.5 x 6 (1.7 x 1.8)			
Prism® Exhaust Booth Side-by-Side Add-On, 230V, 1 Phase - One-Pak®	K5664-6					
Prism® Exhaust Booth Back-to-Back Standalone (Back-to-Back Starter), 230V, 1 Phase - One-Pak®	K5664-7		5.5 x 11 (1.7 x 3.4)			
Prism® Exhaust Booth Back-to-Back Add-On, 230V, 1 Phase - One-Pak®	K5664-8					

Single Weld Booth w/Prism® Wall Mount One-Pak®

- Powder-coated anti-reflective black finish paint is durable and reduces arc reflection
- Telescopic counter-weight fume extraction arm
- Prism® wall mount single arm w/MERV 14 filter
- Prism® 2400 Fan has self-cleaning concave blades
- Overlapping red-orange strip curtains cover entire entrance to booth to protect other students and workers from arc flash and sparks. Curtain material compliant with AWS F2.3m-2011



Literature
E13.51

Input
60 Hz 1 PHASE

Product Description	Product Number	Interior Dimensions ft (m)	Exterior Overall Dimensions ft (m)	Height ft (m)	Panel Construction	Reinforced Frame
Weld Booth With Prism® Wall Mount One-Pak® - Single	K5563-1	5 x 5 (1.5 x 1.5)	5.8 x 5.9 (1.8 x 1.8)	11.2 (3.4)	16 Gauge Sheet Metal	11 Gauge Angle
Weld Booth With Prism® Wall Mount One-Pak® - Single	K5563-3	6 x 6 (1.8 x 1.8)	6.8 x 6.9 (2.1 x 2.1)			

Dual Weld Booth w/Prism® Wall Mount One-Pak®

- Booths have enough floor space to comfortably fit both student and instructor
- Constructed of heavy-duty steel, the powder-coated anti-reflective black finish paint is durable and reduces arc reflection
- Adjacent booths share dividing panels to minimize the number of panels and posts required for the layout
- Booth walls have an open space of 18 in. (457 mm) at the bottom of the weld booth for air circulation and safety (exceeds AWS EG2.0:2006 recommendation of 12 in. (305 mm)
- Overlapping red-orange strip curtains cover the entire booth entrance to protect other students and workers from arc flash and sparks. Curtain material compliant with AWS F2.3m-2011



Literature
E13.51

Input
60 Hz 1 PHASE

Product Description	Product Number	Interior Dimensions ft (m)	Exterior Overall Dimensions ft (m)	Height ft (m)	Panel Construction	Reinforced Frame
Weld Booth With Prism® Wall Mount One-Pak® - Dual	K5563-2	5 x 5 (1.5 x 1.5)	10.6 x 5.9 (3.2 x 1.8)	11.2 (3.4)	16 Gauge Sheet Metal	11 Gauge Angle
Weld Booth With Prism® Wall Mount One-Pak® - Dual	K5563-4	6 x 6 (1.8 x 1.8)	11.6 x 6.9 (3.5 x 2.1)			

Prism® Filter Banks

Fume Extraction System

- Modular design provides configurations from 2 to 72 filters
- Available in indoor and outdoor configurations
- Automatic fan speed regulation (Variable Frequency Drive) based on filter loading to maximize extraction and conserve energy
- Silencers to reduce airflow noise
- Vertical filter configuration helps extend filter life
- Pulse amplifier technology creates a uniform, high-energy pulse of compressed air to clean the filters
- Available Prism® Thermal Suppression



Shown:
Prism® 4, 8 and 12

Processes
- Stick
- TIG
- MIG
- Flux-Cored
- Plasma Cutting
- Arc Gouging
- Grinding[1]

[1] Not suitable for use when grinding Aluminum, Magnesium or other explosive materials.

Prism® Filter Banks come in varying sizes and configurations, starting with a two-filter model up to a 72-filter model, depending on the size of the space being filtered

All Prism® Filter Banks are custom designed for your specific application. System considerations include things like fan size based on the space to be filtered, filter media needed, size constraints, and space limitations

Product Name	Product Number	Filter Type	Fan Sizes HP
Prism® Filter Bank (2 to 72 filter cartridges)		MERV 11, MERV 16, MERV 16 PTFE and HEPA* Oil Resistant MERV 11, or Oil Resistant MERV 16	7.5-100 (sold separately)
HEPA H13 Replacement Filter for Prism® Central Systems	KP5729-1		

*HEPA Filtration Kit comes as an option, pre-installed from the factory

Push/Pull Systems

Improve General Workplace Air Quality

- Remove fume and metal particulate layer from the air of your metalworking facility before it settles back to the floor
- Ideal for environments where effective source capture is difficult
- Effective when fabricating large weldments and when the welder needs to frequently change positions



Push/Pull System installed at Elgin Sweeper Company

Processes
- Stick
- TIG
- MIG
- Flux-Cored
- Metal-Cored

Literature
MC11-106

Contact your local TSR who can put you in touch with a Lincoln Electric Environmental Sales Specialist

Ambient Air Solutions

Filtered Shop Air is Easier Than You Think!

- Free-standing, wall-mountable, or hanging general filtration system for weld fume control; ideal for manufacturing and fabrication facilities, and offers an economical alternative to a push/pull system
- Intended to supplement an existing source extraction system as well as natural draft/forced ventilation to reduce overall concentration of welding fume, dust and dirt in operator areas
- Green Drive™ control system reduces energy costs and increases filter life by continually monitoring operation and automatically adjusting airflow to maintain optimal performance levels
- Automatic Filter Cleaning System. Each time the system is switched off, an automatic cleaning cycle takes place. During this cycle the filter cartridges are cleaned by blasts of compressed air. The dislodged particulate is deposited in the drum beneath the filter



Prism® Circulator



Prism® Suspend, in Hanging Configuration



Prism® Suspend, in Wall Mount Configuration

Processes
All welding processes where ambient air filtration is preferred

Input

3 PHASE 230V 460V 575V

1 PHASE (1) 115V (1)

Order Number
Floor Mounted:
- K5140-1 480V Input w/Nano Filter
- K5140-2 230V Input w/Nano Filter
- K5140-3 480V Input w/PTFE Filter
- K5140-4 230V Input w/PTFE Filter
- K5140-5 575V Input w/Nano Filter
- K5140-6 575V Input w/PTFE Filter

Prism® Suspend:
- AD2496-1 480V
- AD2496-2 230V

Note: It is recommend that you contact your local TSR, who can put you in touch with a Lincoln Electric Environmental Sales Specialist that will help ensure your units are sized and set up properly.

(1) For powering control panel

Product Name	Part Number	Filter Type	Number of Filters	Filter Area sq ft (sq m)	Minimum Temperature F (C)	Maximum Temperature F (C)	Footprint (Dimensions) in (mm)	Overall Height in (mm)	Overall Weight lbs (kg)
Prism® Circulator®, 480V w/Nano Filter	K5140-1	MERV 16 Nano	4 Two Types of Filters - Nano for Standard Applications - PTFE for Oily Applications (K5140-3 & K5140-4)	1280 (118)	-4° (-20°)	113° (45°)	45 X 65 (1143 x 1651)	147 (3733.8)	1830 (830)
Prism® Circulator®, 480V w/PTFE Filter	K5140-3	MERV 16 PTFE							
Prism® Circulator®, 230V w/Nano Filter	K5140-2	MERV 16 Nano							
Prism® Circulator®, 230V w/PTFE Filter	K5140-4	MERV 16 PTFE							
Prism® Circulator®, 575V w/Nano Filter	K5140-5	MERV 16 Nano							
Prism® Circulator®, 575V w/PTFE Filter	K5140-6	MERV 16 PTFE							
Filter, MERV 16 Nano, Prism® Central System (White Strap)	KP4519-2	MERV 16 Nano	1	323 (98.5 m)				40 (1016)	
Pre-Spark Arrestor (Set of 2) DownFlex® 200-M & 400-MS/A(2)	KP4052-1	Metal Mesh	2				0.98 x 12.4 x 33.35 (25 x 315 x 841)		

(2) Prism® Circulator® 4000 requires three Spark Arrestor filters (order 2x of KP4052-1 to replace all 3)

Prism® Compact

Compact Welding and Cutting Air Filtration System

- Compact Size - Can be placed directly next to a cutting table or robotic cell
- Crane-less assembly - Makes moving the system to a new location extremely easy
- Quiet Operation - Silencer and sound-deadening materials drastically reduce airflow noise
- Simple Maintenance - System will automatically start the cleaning process once the pre-set pressure differential is reached



Shown: AD2455-3

Processes
- Stick
- TIG
- MIG
- Flux-Cored
- Plasma Cutting
- Arc Gouging
- Grinding[1]

Input

3 PHASE 50/60 Hz

Literature
E13.110.1

[1] Not suitable for use when grinding Aluminum, Magnesium or other explosive materials.

Product Name	Product Number	Input Power Voltage/ Phase/Hertz	Horsepower	Input Current (amps)	No. of Filters*	Airflow CFM	Inlet Diameter in. (mm)	Clearance Needed	Filter Cleaning Controls	H x W x D in. (mm)	Net Wt lb (kg)
Prism® Compact 5 HP 2400 CFM	AD2455-1	380-480V/3~ /50-60Hz	5 HP	7.5	4	2400 @ 8 in. w.g.	1 on Back Pointing Up @ 45° 16 (406)	3.5 ft min for Front 1.5 ft min for 1 Side	Pressure Based	114 x 45 x 70 (2896 x 1143 x 1778)	1563 (709)
Prism® Compact 10 HP 4000 CFM	AD2455-2		10 HP	14		5000 @ 10 in. w.g.				114 x 45 x 72 (2896 x 1143 x 1829)	1630 (739)
Prism® Compact 5 HP 2400 CFM	AD2455-5		5 HP	7.5		2400 @ 8 in. w.g.	1 on Back Pointing Down @ 45° 16 (406)			114 x 45 x 70 (2896 x 1143 x 1778)	1563 (709)
Prism® Compact 10 HP 4000 CFM	AD2455-6		10 HP	14		5000 @ 10 in. w.g.				114 x 45 x 72 (2896 x 1143 x 1829)	1630 (739)
Prism® Compact 5 HP 2400 CFM w/ Prism® Thermal Suppression	AD2455-3		5 HP	7.5		2400 @ 8 in. w.g.	1 on Back Pointing Up @ 45° 16 (406)			120 x 53 x 70 (3048 x 1345 x 1778)	1661 (753)
Prism® Compact 10 HP 4000 CFM w/Prism® Thermal Suppression	AD2455-4		10 HP	14		5000 @ 10 in. w.g.				120 x 53 x 72 (3048 x 1345 x 1829)	1727 (783)
Prism® Compact 5 HP 2400 CFM w/ Prism® Thermal Suppression	AD2455-7		5 HP	7.5		2400 @ 8 in. w.g.	1 on Back Pointing Down @ 45° 16 (406)			120 x 53 x 70 (3048 x 1345 x 1778)	1661 (753)
Prism® Compact 10 HP 4000 CFM w/Prism® Thermal Suppression	AD2455-8		10 HP	14		5000 @ 10 in. w.g.				120 x 53 x 72 (3048 x 1345 x 1829)	1727 (783)
Prism® Compact 5 HP 2400 CFM (outdoor installation)	AD2455-9		5 HP	7.5		2400 @ 8 in. w.g.	1 on Back Pointing Up @ 45° 16 (406			114 x 45 x 70 (2896 x 1143 x 1778)	1563 (709)
Prism® Compact 10 HP 4000 CFM Outdoor	AD2455-10		10 HP	14		4000 @ 10 in.w.g				114 x 45 x 70 (2896 x 1143 x 1829)	1630 (739)

*NOTE: Sold separately. MERV 11, MERV 16 and MERV 16 PTFE available.

Prism® Thermal Suppression

Prevention, Detection, Suppression

- Keep your system running at peak performance and help mitigate thermal events by adding some or all of Lincoln Electric's thermal event solutions to your Prism® System
- Prism® Thermal Suppression can mitigate the risk of thermal events caused by welding and cutting particulate entering the fume extraction unit. This fully integrated fire suppression system is UL-listed, FM-approved and a recommended option by Lincoln Electric
- The Oil Guardian™ can be added to a system to continuously inject limestone powder into the fume control system ductwork which helps to absorb the vaporized oil generated when welding oily parts. The resulting dry matter is blown off the filters during the cleaning cycle
- Spark traps can be placed in the duct to help to prevent sparks from reaching the extraction unit, helping to prevent thermal events



Shown: Spark trap unit



Shown: Prism® Compact with Thermal Suppression System



Shown: Limestone powder being added to an Oil Guardian™

Processes
- Stick
- TIG
- MIG
- Flux-Cored
- Plasma Cutting
- Grinding[1]

Product Number
Reach out to a Lincoln Electric sales representative or environmental specialist for a quote.

Literature
MC12-20 (Spark Trap, Oil Guardian)

MC19-157 (Prism® Thermal Suppression)

[1] Not suitable for use when grinding Aluminum, Magnesium or other explosive materials.

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

X-Tractor® Mini 120/1/60

Base Model (K3972-3)

- 8 ft. Length x 1.75 in. Interior Diameter (2.4 m x 45 mm) Extraction Hose
- Filter One-Pak®, X-Tractor® Mini (KP2390-5)
- Pre-Filter, X-Tractor® Mini (KP2390-3)
- Filter, HEPA, X-Tractor® Mini (KP2390-4)
- Filter, LongLife-H, X-Tractor® Mini (KP2390-1)
- 2 Spare Sets of Carbon Brushes and Seals for Motors

with EN 20 Nozzle (K3972-5)

- Everything Listed Above (K3972-3)
- EN 20 Nozzle, Bell Shaped (K2389-5)

X-Tractor® 1 Fume Gun

Base Models (K652-1, K652-2)

- Adapter for 1.75 in. (45 mm) Hose
- 16 ft. x 1.75 in. (4.8 m x 45 mm) Diameter Flexible Hose
- 2 Spare Sets of Carbon Brushes for Motors
- Filter X-Tractor® 1 Fume Gun (KP2069-1)
- 12 ft. (3.6 m) Power Cord

X-Tractor® 1GC and SHM-300 Nozzle 120/1/50/60 One-Pak® (K4260-4)

- X-Tractor® 1 Fume Gun 120/1/50/60 - 15A Input Current (K652-1)
- SHM-300 Suction Nozzle - 300 mm (12 in.) (K639-1)

X-Tractor® 2 Fume Gun

Base Models (K5271-1, K5271-2, K5271-3)

- (2) Inlet Spark Arrestors
- Inlet Plug
- MERV 16 (HE), NANO FILTER
- (2) Cable Management Brackets
- 20 ft. (6 m) Power Cable

Prism® Direct Exhaust Fan

Required Accessories

- Hose and Hood Set, 16 ft. (4.9 m)
- Exhaust or Extension Hose Set, 16 ft. (4.9 m)

One-Pak® 115/1/60 (K4260-3)

- Prism® Direct Exhaust Fan Base Model (K1666-3)
- Hose and Hood Set (K1668-1)
- Exhaust or Extension Hose Set 16 ft. (K1668-2)

Prism® Mobile

Base Model w/MERV 14 Filter Welding Fume Extractor (K1653-4)

- Plastic Housing
- Flexible Hose, 2 ft. (0.6 m)
- Pre-Filter; Prism® Mobile and Prism® Wall Mount (KP1673-5)
- Filter; MERV 14; Prism® Mobile and Wall Mount (KP1673-1)

w/10 ft. (3 m) Extraction Arm and MERV 14 Filter - One-Pak® (K4259-2)

- Prism® Mobile 10 ft. (3 m) Fume Extraction Arm (K2633-5)
- Prism® Mobile w/MERV 14 Filter Welding Fume Extractor Base Unit (K1653-4)

w/10 ft. (3 m) Extraction Arm and MERV 14 Filter and Arc Sensor/Lamp Kit One-Pak® (K4259-3)

- Prism® Mobile w/MERV 14 Filter Welding Fume Extractor Base Unit (K1653-4)
- Prism® Mobile 10 ft. (3 m) Fume Extraction Arm (K2633-5)

w/13 ft. (4 m) Extraction Arm and MERV 14 Filter - One-Pak® (K4259-4)

- Prism® Mobile 13 ft. (4 m) Fume Extraction Arm (K2633-7)
- Prism® Mobile w/MERV 14 Filter Welding Fume Extractor Base Unit (K1653-4)

w/13 ft. (4 m) Extraction Arm, MERV 14 Filter and Arc Sensor/Lamp Kit - One-Pak® (K4259-5)

- Prism® Mobile 13 ft. (4 m) Fume Extraction Arm (K2633-7)
- Prism® Mobile w/MERV 14 Filter Welding Fume Extractor Base Unit (K1653-4)

Prism® Mobile HEPA w/13 ft. (4 m) Arm One-Pak® (K4259-12)

- Prism® Mobile HEPA Filter Base Unit (K1653-6)
- Prism® Mobile 13 ft. Fume Extraction Arm (K2633-7)

Base Model w/MERV 16 Filter Welding Fume Extractor (K1653-5)

- Prism® Mobile
- Plastic Housing
- Flexible Hose 2 ft. (0.6 m)
- Pre-Filter; Prism® Mobile and Prism® Wall Mount (KP1673-5)
- Filter; MERV 16 (HE); Nano; Prism® Mobile and Wall Mount (KP1673-9)



X-Tractor® Mini
K3972-3


X-Tractor® 1 Fume Gun
K652-1


X-Tractor® 2 Fume Gun
K5271-1


Prism® Mobile w/MERV 14 Filter Welding Fume Extractor Base Unit
K1653-4

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

w/10 ft. (3 m) Extraction Arm and MERV 16 Filter - One-Pak® (K4259-6)

- Prism® Mobile 10 ft. (3 m) Fume Extraction Arm (K2633-5)
- Prism® Mobile w/ MERV 16 Filter Welding Fume Extractor Base Unit (K1653-5)

w/10 ft. (3 m) Extraction Arm, MERV 16 Filter and Arc Sensor/Lamp Kit - One-Pak® (K4259-7)

- Prism® Mobile w/MERV 16 Filter Welding Fume Extractor Base Unit (K1653-5)
- Prism® Mobile 10 ft. (3.05 m) Fume Extraction Arm with Arc Sensor/Lamp Kit (K2633-6)

w/13 ft. (4 m) Extraction Arm and MERV 16 Filter - One-Pak® (K4259-8)

- Prism® Mobile 13 ft. (4 m) Fume Extraction Arm (K2633-7)
- Prism® Mobile w/MERV 16 Filter Welding Fume Extractor Base Unit (K1653-5)

w/13 ft. (4 m) Extraction Arm, MERV 16 Filter and Arc Sensor/Lamp Kit - One-Pak® (K4259-9)

- Prism® Mobile 13 ft. (4 m) Fume Extraction Arm with Arc Sensor/Lamp Kit (K2633-8)
- Prism® Mobile w/MERV 16 Filter Welding Fume Extractor Base Unit (K1653-5)

Prism® Mobile HEPA Base Unit (K1653-6)

- Prism® Mobile
- Plastic Housing
- Flexible Hose 2 ft. (0.6 m)
- HEPA Filter for Prism® Mobile & Wall Mount (non-Cleaning) (KP1673-11)
- Pre-Filter, Prism® Mobile and Prism® Wall Mount (non-Cleaning) (KP1673-5)

Prism® Mobile HEPA w/10 ft. (3 m) Arm One-Pak® (K4259-10)

- Prism® Mobile HEPA Filter Base Unit (K1653-6)
- Prism® Mobile 10 Ft. Fume Extraction Arm (K2633-5)

Prism® Mobile HEPA w/10 ft. (3 m) Arm and Arm Sensor/ Lamp Kit One-Pak® (K4259-11)

- Prism® Mobile HEPA Filter Base Unit (K1653-6)
- Prism® Mobile 10 ft. Fume Extraction Arm with Arc Sensor/Lamp Kit (K2633-6)

Prism® Mobile HEPA w/13 ft. (4 m) Arm and Arc Sensor/ Lamp Kit One-Pak® (K4259-13)

- Prism® Mobile HEPA Filter Base Unit (K1653-6)
- Prism® Mobile 13 ft. Fume Extraction Arm with Arc Sensor/Lamp Kit (K2633-8)

Prism® Mobile with Mechanized Cleaning

Required Accessories

- Extraction Arm
- Hose and Hood Kit

Base Model w/MERV 14 Filter (K1741-3)

- Prism® Mobile
- Plastic Housing
- Flexible Hose 2 ft. (0.6 m)
- Pre-Filter; for Prism® Mobile and Wall Mount (with Cleaning) (KP1673-6)
- Prism® Pre-Filter (KP1673-6)

w/10 ft. (3 m) Flexible Arm and MERV 14 Filter - One-Pak® (K4384-1)

- Prism® Mobile 10 ft. (3 m) Fume Extraction Arm (K2633-5)
- Prism® Mobile with Mechanized Cleaning, MERV 14 Filter, Base Unit (K1741-3)

w/10 ft. (3 m) Extraction Arm, MERV 14 Filter and Arc Sensor/Lamp Kit - One-Pak® (K4384-2)

- Prism® Mobile 10 ft. (3 m) Fume Extraction Arm with Arc Sensor/Lamp Kit (K2633-6)
- Prism® Mobile with Mechanized Cleaning, MERV 14 Filter, Base Unit (K1741-3)

w/13 ft. (4 m) Flexible Extraction Arm and MERV 14 Filter - One-Pak® (K4384-3)

- Prism® Mobile w/Plastic Housing
- Flexible Hose 2 ft. (0.6 m)
- Prism® Mobile 13 ft. (4 m) Fume Extraction Arm (K2633-7)
- Prism® Mobile with Mechanized Cleaning, MERV 14 Filter, Base Unit (K1741-3)

w/13 ft. (4 m) Arm and Arc Sensor/Lamp Kit One-Pak® (K4384-4)

- Prism® Mobile with Mechanized Cleaning, MERV 14 Filter, Base Unit (K1741-3)
- Prism® Mobile 13 ft. (4 m) Fume Extraction Arm with Arc Sensor/Lamp Kit (K2633-8)

Base Model w/MERV 16 Filter (K1741-4)

- Prism® Mobile
- MERV 16 Filter (KP1653-5)
- Plastic Housing
- Flexible Hose 2 ft. (0.6 m)
- Filter; MERV 16 (HE, Nano); for Prism® Mobile with Cleaning
- Prism® Pre-Filter (KP1673-6)

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

w/10 ft. (3 m) Arm MERV 16 One-Pak® (K4384-5)

- Prism® Mobile with Mechanized Cleaning, MERV 16 Filter, Base Unit (K1741-4)
- Prism® Mobile 10 ft. (3 m) Fume Extraction Arm (K2633-5)

w/10 ft. (3 m) Extraction Arm, MERV 16 Filter and Arc Sensor/Lamp Kit - One-Pak® (K4384-6)

- Prism® Mobile 10 ft. (3 m) Fume Extraction Arm with Arc Sensor/Lamp Kit (K2633-6)
- Prism® Mobile with Mechanized Cleaning, MERV 16 Filter, Base Unit (K1741-4)

w/13 ft. (4 m) Flexible Extraction Arm and MERV 16 Filter - One-Pak® (K4384-7)

- Prism® Mobile 13 ft. (4 m) Fume Extraction Arm (K2633-7)
- Prism® Mobile with Mechanized Cleaning, MERV 16 Filter, Base Unit (K1741-4)

w/13 ft. (4 m) Extraction Arm, MERV 16 Filter and Arc Sensor/Lamp Kit - One-Pak® (K4384-8)

- Prism® Mobile 13 ft. (4 m) Fume Extraction Arm with Arc Sensor/Lamp Kit (K2633-8)
- Prism® Mobile with Mechanized Cleaning, MERV 16 Filter, Base Unit (K1741-4)

Prism® Wall Mount Single Arm

Base Model w/MERV 14 Filter (K1654-4)

- Filter Housing
- Hose - 8 in. (203 mm) Diameter
- Hose Clamps (Qty 2)
- Rubber Seal
- Mounting Bracket
- Pre-Filter; Prism® Mobile and Prism® Wall Mount (KP1673-5)
- Filter; MERV 14; Prism® Mobile and Wall Mount (KP1673-1)

w/13 ft. (4 m) Flexible Arm, MERV 14 Filter and Arc Sensor/Lamp Kit (K4261-14)

- Prism® Wall Mount Base Unit w/MERV 14 Filter Single Arm (K1654-4)
- Prism® Wall Mount Flexible 13 ft. (4 m) Fume Extraction Arm (K1655-9)
- Arc Sensor/Lamp Kit (K1669-4)
- Prism® 2400 1-HP Stationary Fan (K1656-9)

w/4-6 ft. (1.2-1.8 m) Telescopic Arm, MERV 14 Filter and Starter Overload Switch - One-Pak® (K4261-15)

- Prism® Wall Mount w/MERV 14 Filter Single Arm Base Unit (K1654-4)
- Prism® Wall Mount Telescopic 4-6 ft. (1.2-1.8 m) Counterweight Fume Arm (K1655-15)
- Starter/Overload Switch for 115V Prism® 2400 1-HP Fan (K1494-2)
- Prism® 2400 1-HP Fan (120V) (K1656-9)

w/4-6 ft. (1.2-1.8 m) Telescopic Arm, MERV 14 Filter and Arc Sensor/Lamp Kit - One-Pak® (K4261-16)

- Prism® Wall Mount Base Unit - Disposable Filter (K1654-4)
- Telescopic 4-6 ft. (1.2-1.8 m) Counter-Weight Fume Arm (K1655-15)
- Arc Sensor/Lamp Kit (K1669-4)
- Prism® 2400 1-HP Stationary Fan (K1656-9)

w/5-8 ft. (1.5-2.4 m) Telescopic Arm, MERV 14 Filter and Arc Sensor/Lamp Kit - One-Pak® (K4261-17)

- Prism® Wall Mount Base Unit - Disposable Filter (K1654-4)
- Telescopic 5-8 ft. (1.5-2.4 m) Counter-Weight Arm (K1655-14)
- Arc Sensor/Lamp Kit (K1669-4)
- Prism® 2400 1-HP Stationary Fan (K1656-9)

w/10 ft. (3 m) Flexible Arm, MERV 14 Filter and Starter/ Overload Switch - One-Pak® (K4261-2)

- Prism® Wall Mount Base Unit - Disposable Filter (K1654-4)
- Flexible 10 ft. (3 m) Arm (K1655-8)
- Starter/Overload Switch (K1494-2)
- Prism® 2400 1-HP Stationary Fan (K1656-9)

w/13 ft. (4 m) Flexible Arm, MERV 14 Filter and Starter/ Overload Switch - One-Pak® (K4261-3)

- Prism® Wall Mount Base Unit - Disposable Filter (K1654-4)
- K1655-9 Flexible 13 ft. (4 m) Arm (K1655-9) Starter/ Overload Switch (K1494-2)
- Prism® 2400 1 HP Stationary Fan (K1656-9)
- Prism® Wall Mount Flexible 13 ft. (4 m) Fume Extraction Arm (K1655-9)



Prism® Wall Mount Single Arm (K1654-4)



Prism® Wall Mount w/Flexible Single Fume Extraction Arm 13 ft. One-Pak® K4261-3



Prism® Wall Mount Single Telescopic Fume Extraction Arm 7 ft. One-Pak® (K4261-5)

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

w/5-8 ft. (1.5-2.4 m) Telescopic Arm, MERV 14 Filter and Starter/Overload Switch - One-Pak® (K4261-5)

- Prism® Wall Mount Telescopic 5-8 ft. Counter-Weight Fume Arm (K1655-14)
- Starter Overload Switch for 115V Prism® 2400 1-HP Fan (K1494-2)
- Prism® Wall Mount w/MERV 14 Filter Single Arm Base Unit (K1654-4)
- Prism® 2400 1-HP Fan (120V) (K1656-9)

w/10 ft. (3 m) Flexible Arm, MERV 14 Filter and Arc Sensor One-Pak® (K4261-6)

- Prism® Wall Mount Flexible 10 ft. Fume Extraction Arm (K1655-8)
- Prism® Wall Mount w/MERV 14 Filter Single Arm Base Unit (K1654-4)
- Prism® 2400 1 HP Fan (120V) (K1656-9)
- Arc Sensor/Lamp Kit for 115V Prism® 2400 1-HP Fan (K1669-4)

Base Model w/MERV 16 Filter (K1654-6)

- Filter Housing
- Hose - 8 in. (203 mm) Diameter
- Hose Clamps (Qty 2)
- Rubber Seal
- Mounting Bracket
- Pre-Filter; Prism® Mobile and Prism® Wall Mount (Non-Cleaning) (KP1673-9)
- Filter; MERV 16 (HE); Nano; Prism® Mobile & Wall Mount (Non-Cleaning) (KP1673-9)

Prism® Wall Mount Dual Arm

Required Accessories

- Extraction Arm (Qty. 2)
- Stationary Fan (Qty. 2)
- Overload Switch or Arc Sensor/Lamp Kit (Qty. 2)
- Wall Mounting Brackets (Qty. 2)

Base Model w/MERV 14 Filter (K1654-5)

- Filter Housing
- Hose - 8 in. (203 mm) Diameter (Qty 2)
- Hose Clamps (Qty 4)
- Rubber Seals (Qty 2)
- Non-return Valves (Qty 2)
- 6-8 in. (152 - 203 mm) Reducers (Qty 2)
- 6 in. (152 mm) Adapters (Qty 2)
- Mounting Bracket
- Pre-Filter; Prism® Mobile and Prism® Wall Mount (KP1673-5)
- Filter; MERV 14; Prism® Mobile and Wall Mount (KP1673-1)

w/10 ft. (3 m) Arms, MERV 14 Filter and Starter/Overload Switch - One-Pak® (K4261-8)

- Prism® Wall Mount Flexible 10 ft. (3.05 m) Fume Extraction Arm (K1655-8)
- Prism® Wall Mount w/MERV 14 Dual Arm Welding Fume Extractor Base Unit (K1654-5)
- Starter Overload Switch for 115V Prism® 2400 1-HP Fan (K1494-2)
- Prism® 2400 1-HP Fan (120V) (K1656-9)
- Prism® Wall Mounting Bracket for 10 and 13 ft. (3.05 and 4 m) 2400 1-HP Fan (K1657-1)

w/13 ft. (4 m) Arms, MERV 14 Filter and Starter/Overload Switch - One-Pak® (K4261-9)

- Prism® Wall Mount w/ MERV 14 Dual Arm Welding Fume Extractor Base Unit (K1654-5)
- Starter Overload Switch for 115V Prism® 2400 1-HP Fan (K1494-2)
- Prism® Wall Mount Flexible 13 ft. (4 m) Fume Extraction Arm (K1655-9)
- Prism® 2400 1-HP Fan (120V) (K1656-9)
- Prism® Wall Mounting Bracket for 10 and 13 ft. (3.05 and 4 m) 2400 1-HP Fan (K1657-1)

w/5-8 ft. (1.5-2.4 m) Telescopic Arms, MERV 14 Filter and Starter/Overload Switch - One-Pak® (K4261-11)

- Prism® Wall Mount Base Unit - Disposable Filter (K1654-5)
- Telescopic 5-8 ft. (1.5-2.4 m) Counter Weight Arms (Qty 2) (K1655-14)
- Starter/Overload Switches (Qty 2) (K1494-2)
- Prism® 2400 1-HP Stationary Fans (Qty 2) (K1656-9)

w/10 ft. (3 m) Flexible Arms, MERV 14 Filter and Arc Sensor - One-Pak® (K4261-12)

- Prism® Wall Mount Flexible 10 ft. (3.05 m) Fume Extraction Arm (K1655-8)
- Prism® Wall Mount w/MERV 14 Dual Arm Welding Fume Extractor Base Unit (K1654-5)
- Prism® 2400 1-HP Fan (120V) (K1656-9)
- Arc Sensor/Lamp Kit for 115V Prism® 2400 1-HP Fan (K1669-4)
- Prism® Wall Mount Mounting Bracket for 10 and 13 ft. (3.05 and 4 m) 2400 1-HP Fan (K1657-1)



Prism® Wall Mount Dual Arm (K1654-5)



Prism® Wall Mount Dual 10 ft. Flexible Fume Extraction Arms One-Pak® (K4261-18)



Prism® Wall Mount Dual 5 ft. Telescopic Fume Extraction Arms One-Pak® (K4261-19)

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

w/13 ft. (4 m) Dual Flexible Arms, MERV 14 Filter and Arc Sensor/Lamp Kit - One-Pak® (K4261-18)

- Prism® Wall Mount w/MERV 14 Dual Arm Welding Fume Extractor Base Unit (K1654-5)
- Prism® Wall Mount Flexible 13 ft. (4 m) Fume Extraction Arm (K1655-9)
- Prism® 2400 1-HP Fan (120V) (K1656-9)
- Arc Sensor/Lamp Kit for 115V Prism® 2400 1-HP Fan (K1669-4)
- Prism® Wall Mounting Bracket for 10 and 13 ft. (3.05 and 4 m) 2400 1-HP Fan (K1657-1)

w/4-6 ft. (1.2-1.8 m) Dual Telescopic Arms, MERV 14 Filter and Starter/Overload Switch - One-Pak® (K4261-19)

- Prism® Wall Mount Base Unit Disposable Filter (K1654-5)
- Telescopic 4-6 ft. (1.2-1.8 m) Counter Weight Arms (Qty 2) (K1655-15)
- Starter/Overload Switches (Qty 2) (K1494-2)
- Prism® 2400 1-HP Stationary Fans (Qty 2) (K1656-9)

w/4-6 ft. (1.2-1.8 m) Dual Telescopic 4-6 ft. (1.2-1.8 m) Arms, MERV 14 Filter and Arc Sensor/Lamp Kit - One-Pak® (K4261-20)

- Prism® Wall Mount Base Unit Disposable Filter (K1654-5)
- Telescopic 4-6 ft. (1.2-1.8 m) Counter Weight Arms (Qty 2) (K1655-15)
- Arc Sensor/Lamp Kits (Qty 2) (K1669-4)
- Prism® 2400 1-HP Stationary Fans (Qty 2) (K1656-9)

w/5-8 ft. (1.5-2.4 m) Dual Telescopic Arms, MERV 14 Filter and Arc Sensor/Lamp Kit - One-Pak® (K4261-21)

- Prism® Wall Mount Base Unit Disposable Filter (K1654-5)
- Telescopic 5-8 ft. (1.5-2.4 m) Counter Weight Arms (Qty 2) (K1655-14)
- Arc Sensor/Lamp Kits (Qty 2) (K1669-4)
- Prism® 2400 1-HP Stationary Fans (Qty 2) (K1656-9)

w/HEPA Dual Arm Welding Fume Extractor Base Unit (K1654-11)

- HEPA Filter
- Filter Housing
- Hose - 8 in. (203 mm) diameter, Qty 2
- Hose Clamps, Qty 4
- Rubber Seals, Qty 2
- Non-Return Valves, Qty 2
- 6-8 in. (152 - 203 mm) Reducers, Qty 2
- 6 in. (152 mm) Adapters, Qty 2
- Mounting Bracket

Prism® Wall Mount with Mechanized Cleaning Single Arm

Base Model w/MERV 16 Filter (K3681-1)

- Base Unit w/MERV 16 Filter
- Wall Mounting Bracket
- Hose (8 in. Diameter; 59 in. Long) (203 mm Diameter; 1499 mm Long)
- Hose Clamps
- Reducer
- Inlet Flange
- Sealing Ring
- Rubber Sealing Bands
- Pre-Filter; for Prism® Mobile and Wall Mount (With Cleaning) (KP1673-6)
- Filter (Set of 2); MERV 16, Downdraft (w/MC), Wall Mount (w/MC), Exhaust Booth (Non-MC) (KP2752-16)

w/10 ft. (3 m) Arm, MERV 16 and Starter/Overload Switch - One-Pak® (K4468-1)

- Prism® Wall Mount w/Mechanized Cleaning w/MERV 16 Filter Single Arm Base Unit (K3681-1)
- Flexible 10 ft. (3 m) Arm (K1655-8)
- Starter/Overload Switches (K1494-2)
- Prism® 2400 1-HP Stationary Fan (K1656-9)

w/10 ft. (3 m) Arm, 7 ft. (2.1 m) Extension Crane and Starter/Overload Switch - One-Pak® (K4468-2)

- Prism® Wall Mount w/Mechanized Cleaning w/MERV 16 Filter Single Arm Base Unit (K3681-1)
- Prism® Wall Mount Flexible 10 ft. (3.05 m) Fume Extraction Arm (K1655-8)
- Prism® 4200 2-HP Fan (230V) (K1656-4)
- Extension Crane 7 ft. (2.1 m) Bracket (K1671-1)
- Starter Overload Switch for 230V Prism® 4200 2-HP Fan (K1494-10)

w/10 ft. (3 m) Arm, 14 ft. (4.3 m) Extension Crane and Starter/Overload Switch - One-Pak® (K4468-3)

- Prism® Wall Mount Flexible 10 ft. (3.05 m) Fume Extraction Arm (K1655-8)
- Prism® Wall Mount w/Mechanized Cleaning w/MERV 16 Filter Single Arm Base Unit (K3681-1)
- Prism® 4200 2-HP Fan (230V) (K1656-4)
- Extension Crane Bracket 14 ft. (4.3 m) (K1671-2)
- Starter Overload Switch for 230V Prism® 4200 2-HP Fan (K1494-10)



Prism® Wall Mount with Mechanized Cleaning Welding Fume Extraction Unit (K3681-1)



Prism® Wall Mount Mechanized Cleaning One-Pak® w/Single Flexible Arm - 10 ft, 14 ft. Extension Starter (K4468-3)



Prism® Wall Mount Mechanized Cleaning One-Pak® Dual 13 ft. Arm, 14 ft. Extension Starter (K4468-12)

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

w/10 ft. (3 m) Arm, MERV 16 Filter and Arc Sensor/Lamp Kit - One-Pak® (K4468-5)

- Prism® Wall Mount Flexible 10 ft. (3.05 m) Fume Extraction Arm (K1655-8)
- Prism® Wall Mount w/Mechanized Cleaning w/MERV 16 Filter Single Arm Base Unit (K3681-1)
- Prism® 2400 1-HP Fan (120V) (K1656-9)
- Arc Sensor/Lamp Kit for 115V Prism® 2400 1-HP Fan (K1669-4)

w/10 ft. (3 m) Flexible Arm, 7 ft. (2.1 m) Extension Crane and Arc Sensor/Lamp Kit - One-Pak® (K4468-6)

- Prism® Wall Mount w/Mechanized Cleaning w/MERV 16 Filter Single Arm Base Unit (K3681-1)
- Prism® 4200 2-HP Fan (230V) (K1656-4)
- Prism® Wall Mount Flexible 10 ft. (3.05 m) Fume Extraction Arm (K1655-8)
- Extension Crane 7 ft. (2.1 m) Bracket (K1671-1)
- Arc Sensor/Lamp Kit for 230V Prism® 4200 2-HP Fan (K1669-10)

w/13 ft. (4 m) Flexible Arm, MERV 16 Filter and Starter/Overload Switch - One-Pak® (K4468-8)

- Prism® Wall Mount w/Mechanized Cleaning w/MERV 16 Filter Single Arm Base Unit (K3681-1)
- Starter Overload Switch for 115V Prism® 2400 1-HP Fan (K1494-2)
- Prism® 2400 1-HP Fan (120V) (K1656-9)
- Prism® Wall Mount Flexible 13 ft. (4 m) Fume Extraction Arm (K1655-9)

w/13 ft. (4 m) Arm, MERV 16 Filter and a Starter/Overload Switch - One-Pak® (K4468-9)

- Prism® Wall Mount w/Mechanized Cleaning w/MERV 16 Filter Single Arm Base Unit (K3681-1)
- Prism® 4200 2-HP Fan (230V) (K1656-4)
- Extension Crane 7 ft. (2.1 m) Bracket (K1671-1)
- Starter Overload Switch for 230V Prism® 4200 2-HP Fan (K1494-10)
- Prism® Wall Mount Flexible 13 ft. (4 m) Fume Extraction Arm (K1655-9)

w/14 ft. (4.3 m) Extension Crane, 13 ft. (4 m) Flexible Arm and Starter/Overload Switch - One-Pak® (K4468-10)

- Prism® Wall Mount w/Mechanized Cleaning w/MERV 16 Filter Single Arm Base Unit (K3681-1)
- Prism® 4200 2-HP Fan (230V) (K1656-4)
- Starter Overload Switch for 230V Prism® 4200 2-HP Fan (K1494-10)
- Prism® Wall Mount Flexible 13 ft. (4 m) Fume Extraction Arm (K1655-9)
- Extension Crane Bracket 14 ft. (4.3 m) (K1671-2)

w/5-8 ft. (1.5-2.4 m) Telescopic Arm, MERV 16 Filter and Starter/Overload Switch - One-Pak® (K4468-13)

- Prism® Wall Mount Telescopic 5-8 ft. (1.5-2.4 m) Counterweight Fume Arm (K1655-14)
- Prism® Wall Mount w/Mechanized Cleaning w/MERV 16 Filter Single Arm Base Unit (K3681-1)
- Starter Overload Switch for 115V Prism® 2400 1-HP Fan (K1494-2)
- Prism® 2400 1-HP Fan (120V) (K1656-9)

w/5-8 ft. (1.5-2.4 m) Telescopic Arm, MERV 16 Filter and Arc Sensor/Lamp Kit - One-Pak® (K4468-15)

- Prism® Wall Mount w/Mechanized Cleaning w/MERV 16 Filter Single Arm Base Unit (K3681-1)
- Prism® Wall Mount Telescopic 5 - 8 ft. (1.5 - 2.4 m) Counter-Weight Fume Arm (K1655-14)
- Prism® 2400 1-HP Fan (120V) (K1656-9)
- Arc Sensor/Lamp Kit for 115V Prism® 2400 1-HP Fan (K1669-4)

w/10 ft. (3 m) Flexible Dual Arms, MERV 16 Filter, Starter/Overload Switch and Prism® 2400 Stationary Fan - One-Pak® (K4468-17)

- Prism® Wall Mount Flexible 10 ft. (3 m) Fume Extraction Arm (K1655-8)
- Prism® Wall Mount with Mechanized Cleaning w/ MERV 16 Filter Dual Arm Base Unit (K3681-2)
- Starter Overload Switch for 115V Prism® 2400 1-HP Fan (K1494-2)
- Prism® 2400 1-HP Fan (120V) (K1656-9)

w/13 ft. (4 m) Flexible Dual Arms, MERV 16 Filter, Arc Sensor/Lamp Kit and Prism® 2400 Stationary Fan - One-Pak® (K4468-19)

- Prism® Wall Mount with Mechanized Cleaning w/ MERV 16 Filter Dual Arm Base Unit (K3681-2)
- Prism® 2400 1-HP Fan (120V) (K1656-9)
- Prism® Wall Mount Flexible 13 ft. (4 m) Fume Extraction Arm (K1655-9)
- Arc Sensor/Lamp Kit for 115V Prism® 2400 1-HP Fan (K1669-4)



Prism® Wall Mount Mechanized Cleaning w/MERV 16 Filter Dual Arm Base Unit (K3681-2)



Prism® Wall Mount Mechanized Cleaning One-Pak® Dual 13 ft. Arm Starter (K4468-11)



Prism® Downdraft Table 208-240/460/6/60 (K2751-10)

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

Prism® Wall Mount with Mechanized Cleaning Dual Arm

Base Model (K3681-2)

- Base Unit
- Complete Filter Unit
- 8 in. (203 mm) Diameter Connection Hoses, Extended Length, 59 in. (1499 mm) (2)
- 8 in. (203 mm) Diameter Hose Clamps (4); Reducers (2); Inlet Flanges (2); Sealing Rings (2); Rubber Sealing Bands (4)
- Non-Return Valves (2)
- Mounting Bracket

w/10 ft. (3 m) Flexible Arms and MERV 16 Filter - One-Pak® (K4468-7)

- Prism® Wall Mount Flexible 10 ft. (4 m) Fume Extraction Arm (K1655-8)
- Prism® Wall Mount with Mechanized Cleaning w/ MERV 16 Filter Dual Arm Base Unit (K3681-2)
- Prism® 2400 1-HP Fan (120V) (K1656-9)
- Arc Sensor/Lamp Kit for 115V Prism® 2400 1-HP Fan (K1669-4)

w/13 ft. (4 m) Flexible Dual Arms, MERV 16 Filter and Starter/Overload Switch - One-Pak® (K4468-11)

- Prism® Wall Mount with Mechanized Cleaning w/ MERV 16 Filter Dual Arm Base Unit (K3681-2)
- Starter Overload Switch for 115V Prism® 2400 1-HP Fan (K1494-2)
- Prism® Wall Mount Flexible 13 ft. (4 m) Fume Extraction Arm (K1655-9)
- Prism® 2400 1-HP Fan (120V) (K1656-9)

w/5-8 ft. (1.5-2.4 m) Dual Telescopic Arms, MERV 16 Filter and Starter/Overload Switches - One-Pak® (K4468-14)

- Prism® Wall Mount with Mechanized Cleaning w/ MERV 16 Filter Dual Arm Base Unit (K3681-2)
- Starter Overload Switch for 115V Prism® 2400 1-HP Fan (K1494-2)
- Prism® Wall Mount Telescopic 5 - 8 ft. (1.5 - 2.4 m) Counterweight Fume Arm (K1655-14)
- Prism® 2400 1-HP Fan (120V) (K1656-9)

w/5-8 ft. (1.5-2.4 m) Dual Telescopic Arms, MERV 16 Filter and Arc Sensor/Lamp Kits - One-Pak® (K4468-16)

- Prism® Wall Mount with Mechanized Cleaning w/ MERV 16 Filter Dual Arm Base Unit (K3681-2)
- Prism® Wall Mount Telescopic 5 - 8 ft. (1.5 - 2.4 m) Counterweight Fume Arm (K1655-14)
- Prism® 2400 1-HP Fan (120V) (K1656-9)
- Arc Sensor/Lamp Kit for 115V Prism® 2400 1-HP Fan (K1669-4)

Prism® Downdraft Direct, Prism® Downdraft Table, Prism® Downdraft Table with Mechanized Cleaning

Prism® Downdraft Direct Table (K2751-9)

- Sturdy Welding Table
- Backdraft Panel
- Side Panels
- Dust Collection Tray
- Adjustable Feet

Prism® Downdraft Table 208-230/460/3/60 (K2751-10)

- Prism® Downdraft Table
- Discharge Filter; DownFlex® 200-M & 400-MS/A (KP3551-1)
- Pre-Spark Arrestor (Set of 2); Downdraft, DownFlex® 200-M & 400-MS/A, Circulator/Suspend (KP4052-1)
- Filters (Set of 2), MERV 16, Nano, Prism® Downdraft, Prism® Wall Mount with Mechanized Cleaning (KP2752-16)
- Spark Arrestor (Set of 2); DownFlex® 100-NF; 200-M & 400-MS/A (KP2752-12)

Prism® Downdraft Table 575/3/60 (K2751-14)

- Prism® Downdraft Table
- Pre-Spark Arrestor (Set of 2); Downdraft, DownFlex® 200-M & 400-MS/A, Circulator/Suspend (KP4052-1)
- Discharge Filter; Prism® Downdraft (All Variants) & DownFlex 200-M & 400-MS/A (KP3551-1)
- Spark Arrestor (Set of 2); Downdraft & DownFlex® (KP2752-12)
- Filter (Set of 2); MERV 16, Downdraft (w/MC), Wall Mount (w/MC), Exhaust Booth (Non-MC) (KP2752-16)

Prism® Downdraft Table w/Mechanized Cleaning 208-230/460/3/60 (K2751-11)

- Prism® Downdraft Table
- Pre-Spark Arrestor (Set of 2); Downdraft, DownFlex® 200-M & 400-MS/A, Circulator/Suspend (KP4052-1)
- Discharge Filter; Prism® Downdraft (All Variants) & DownFlex 200-M & 400-MS/A (KP3551-1)
- Filter (Set of 2); MERV 16, Downdraft (w/ MC), Wall Mount (w/ MC), Exhaust Booth (Non-MC) (KP2752-16)
- Spark Arrestor (Set of 2); Downdraft & DownFlex® (KP2752-12)



Single Weld Booth with Prism® Wall Mount Fume Extraction One-Pak® (K5563-1)



Double Weld Booth with Prism® Wall Mount Fume Extraction One-Pak® (K5563-2)

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

Prism® Downdraft Table with Mechanized Cleaning 575/3/60 (K2751-16)

- Prism® Downdraft Table
- Pre-Spark Arrestor (Set of 2); Downdraft, DownFlex® 200-M & 400-MS/A, Circulator/Suspend (KP4052-1)
- Discharge Filter; Prism® Downdraft (All Variants) & DownFlex® 200-M & 400-MS/A (KP3551-1)
- Spark Arrestor (Set of 2); Downdraft & DownFlex® (KP2752-12)
- Filter (Set of 2); MERV 16, Downdraft (w/MC), Wall Mount (w/MC), Exhaust Booth (Non-MC) (KP2752-16)

Prism Exhaust Booth

Prism® Exhaust Booth (K5664-ALL)

- Weld Booth Walls
- Telescopic Counter-Weight Fume Extraction Arm
- Top-Mounted Prism® Fume Unit
- Weld Curtain
- Booth Lighting
- Extraction Unit Control Panel

Single Weld Booth w/Prism® Wall Mount

5 x 5 ft. (1.5 x 1.5 m) Single One-Pak® (K5563-1)

- Arm Mounting Bracket (K5545-1)
- Prism Wall Mount Bracket (K5544-1)
- Weld Booth, 5 ft. (1.5 m) Standalone (Side-by-Side Starter) (K5737-1)
- Welding Booth Curtain Kit, 62 in. W x 66 in. H (158 x 168 cm) (K5249-2)
- Prism® Wall Mount Telescopic 4 - 6 ft. (1.2 - 1.8 m) Counterweight Fume Arm (K1655-15)
- Prism® Wall Mount w/MERV 14 Filter Single Arm Base Unit (K1654-4)
- Starter Overload Switch for 115V Prism® 2400 1-HP Fan (K1494-2)
- Prism® 2400 1-HP Fan (120V) (K1656-9)
- Pre-Filter; Prism® Mobile & Prism® Wall Mount (Non-Cleaning) (KP1673-5)
- Filter; MERV 14; Prism® Mobile & Wall Mount (Non-Cleaning) (KP1673-1)

6 x 6 ft. (1.8 x 1.8 m) Single One-Pak® (K5563-3)

- Weld Booth Only, 6 ft (1.8 m) Single (K5543-3)
- Welding Booth Curtain Kit, 74 in. W x 66 in. H (188 x 167.6 cm) (K5249-3)
- Prism® Wall Mount w/MERV 14 Filter Single Arm Base Unit (K1654-4)
- Starter Overload Switch for 115V Prism® 2400 1-HP Fan (K1494-2)
- Prism® Wall Mount Telescopic 5 - 8 ft. (1.5 - 2.4 m) Counterweight Fume Arm (K1655-14)
- Prism® 2400 1-HP Fan (120V) (K1656-9)
- Pre-Filter; Prism® Mobile & Prism® Wall Mount (non-Cleaning) (KP1673-5)
- Filter; MERV 14; Prism® Mobile & Wall Mount (Non-Cleaning) (KP1673-1)

Dual Weld Booth w/Prism® Wall Mount

5 x 5 ft. (1.5 x 1.5 m) Dual One-Pak® (K5563-2)

- 2x Arm Mounting Bracket (K5545-1)
- Prism Wall Mount Bracket (K5544-1)
- Weld Booth, 5 ft. Standalone (Side-by-Side Starter) (K5737-1)
- Weld Booth, 5 ft. (1.5 m) Side-by-Side Add On (K5737-2)
- Welding Booth Curtain Kit, 62 in. W x 66 in. H (157.5 x 167.6 cm) (K5249-2)
- Prism® Wall Mount w/ MERV 14 Dual Arm Welding Fume Extractor Base Unit (K1654-5)
- Prism® Wall Mount Telescopic 4 - 6 ft. (1.2 x 1.8 m) Counterweight Fume Arm (K1655-15)
- Starter Overload Switch for 115V Prism® 2400 1-HP Fan (K1494-2)
- Prism® 2400 1-HP Fan (120V) (K1656-9)
- Pre-Filter; Prism® Mobile & Prism® Wall Mount (non-Cleaning) (KP1673-5)
- Filter; MERV 14; Prism® Mobile & Wall Mount (non-Cleaning) (KP1673-1)

6 x 6 ft. (1.8 x 1.8 m) Dual One-Pak® (K5563-4)

- Weld Booth Only, 6 ft. (1.8 x 1.8 m) Dual (K5543-4)
- Welding Booth Curtain Kit, 74 in. W x 66 in. H (1880 x 1676 mm) (K5249-3)
- Prism® Wall Mount w/MERV 14 Dual Arm Welding Fume Extractor Base Unit (K1654-5)
- Starter Overload Switch for 115V Prism® 2400 1-HP Fan (K1494-2)
- Prism® Wall Mount Telescopic 5 - 8 ft. (1.5 - 2.4 m) Counterweight Fume Arm (K1655-14)
- Prism® 2400 1-HP Fan (120V) (K1656-9)
- Pre-Filter; Prism® Mobile & Prism® Wall Mount (Non-Cleaning) (KP1673-5)
- Filter; MERV 14; Prism® Mobile & Wall Mount (Non-Cleaning) (KP1673-1)



Prism® Compact 4 Vertical Fume Extraction Unit with Inlet Up (AD2455-2)



Prism® Compact with 4 Vertical Filters Fume Extraction Unit with Inlet Down and Thermal Protection (AD2455-7)

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

Prism® 4 Compact

5 HP (2400 CFM) Inlet Up (AD2455-1)

- Filtration Unit
- 4 Filters
- 20 Gallon (75.7 L) Collection Bin
- Exhaust Fan
- Fully Integrated Controls
- Exhaust Silencer
- Integrated Spark Arrestor
- Choice of Inlet Facing Up at a 45° Angle or Facing Down at a 45° Angle (Must Specify When Ordering)

10 HP (4000 CFM) Inlet Up (AD2455-2)

- Filtration Unit
- 4 Filters
- 20 Gallon (75.7 L) Collection Bin
- Exhaust Fan
- Fully Integrated Controls
- Exhaust Silencer
- Integrated Spark Arrestor
- Choice of Inlet Facing Up at a 45° Angle or Facing Down at a 45° Angle (Must Specify When Ordering)

5 HP (2400 CFM) Inlet Up w/Thermal Protection (AD2455-3)

- Filtration Unit
- 4 Filters
- 20 Gallon (75.7 L) Collection Bin
- Exhaust Fan
- Fully Integrated Controls
- Exhaust Silencer
- Integrated Spark Arrestor
- Prism® Thermal Suppression
- Choice of Inlet Facing Up at a 45° Angle or Facing Down at a 45° Angle (Must Specify When Ordering)

10 HP (4000 CFM) Inlet Up w/Thermal Protection (AD2455-4)

- Filtration Unit
- 4 Filters
- 20 Gallon (75.7 L) Collection Bin
- Exhaust Fan
- Fully Integrated Controls
- Exhaust Silencer
- Integrated Spark Arrestor
- Prism® Thermal Suppression
- Choice of Inlet Facing Up at a 45° Angle or Facing Down at a 45° Angle (Must Specify When Ordering)

5 HP (2400 CFM) Inlet Down (AD2455-5)

- Filtration Unit
- 4 Filters
- 20 Gallon (75.7 L) Collection Bin
- Exhaust Fan
- Fully Integrated Controls
- Exhaust Silencer
- Integrated Spark Arrestor
- Choice of Inlet Facing Up at a 45° Angle or Facing Down at a 45° Angle (Must Specify When Ordering)

10 HP (4000 CFM) Inlet Down (AD2455-6)

- Filtration Unit
- 4 Filters
- 20 Gallon (75.7 L) Collection Bin
- Exhaust Fan
- Fully Integrated Controls
- Exhaust Silencer
- Integrated Spark Arrestor
- Choice of Inlet Facing Up at a 45° Angle or Facing Down at a 45° Angle (Must Specify When Ordering)

5 HP (2400 CFM) Inlet Down w/Thermal Protection (AD2455-7)

- Filtration Unit
- 4 Filters
- 20 Gallon (75.7 L) Collection Bin
- Exhaust Fan
- Fully Integrated Controls
- Exhaust Silencer
- Integrated Spark Arrestor
- Prism® Thermal Suppression
- Choice of Inlet Facing Up at a 45° Angle or Facing Down at a 45° Angle (Must Specify When Ordering)

10 HP (4000 CFM) Inlet Down w/Thermal Protection (AD2455-8)

- Filtration Unit
- 4 Filters
- 20 Gallon (75.7 L) Collection Bin
- Exhaust Fan
- Fully Integrated Controls
- Exhaust Silencer
- Integrated Spark Arrestor
- Prism® Thermal Suppression
- Choice of Inlet Facing Up at a 45° Angle or Facing Down at a 45° Angle (Must Specify When Ordering)

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

Outdoor 5 HP (2400 CFM) Inlet Up (AD2455-9)

- (4) MERV16 PTFE Filters (KP4519-3)
- Filtration Unit
- 20 Gallon (75.7 L) Collection Bin
- Exhaust Fan
- Fully Integrated Controls
- Outdoor Rated Exhaust Silencer
- Integrated Spark Arrestor

Outdoor 10 HP (4000 CFM) Inlet Up (AD2455-10)

- (4) MERV16 PTFE Filters (KP4519-3)
- Filtration Unit
- 20 Gallon (75.7 L) Collection Bin
- Exhaust Fan
- Fully Integrated Controls
- Outdoor Rated Exhaust Silencer
- Integrated Spark Arrestor

Accessories

Product Name	Product No.	X-Tractor® Mini	X-Tractor® 1 Fume Gun	X-Tractor® 2 Fume Gun	Prism® Direct Exhaust Fan		Prism® Mobile		Prism® Mobile with Mechanized Cleaning		
		Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model
		K3972-3	K652-ALL	K652-ALL	K1666-3	K2497-11	K1653-4	K1653-5	K1741-3	K1741-4	K2497-14
REQUIRED											
Hose and Hood Set, 16 ft (4.9 m)	K1668-1				•	•					
Exhaust or Extension Hose Set, 16 ft (4.9 m)	K1668-2				•	•					
Hose and Hood Set - 16.4 ft (5 m)	K1668-3						•	•	•	•	
Prism® Mobile 10 ft (3 m) Extraction Arm	K2633-5						•	•	•	•	•
Prism® Mobile 13 ft (4 m) Extraction Arm	K2633-7						•	•	•	•	•
Prism® Mobile 10 ft (3 m) Extraction Arm with Arc Sensor/Lamp Kit	K2633-6						•	•	•	•	•
Prism® Mobile 13 ft (4 m) Extraction Arm with Arc Sensor/Lamp Kit	K2633-8						•	•	•	•	•
GENERAL											
EN 20 Extraction Nozzle	K2389-5	•		•							
SHM-300 Suction Nozzle, 12 in (300 mm)	K639-1	•		•							
SHMS-400 Low Noise Suction Nozzle - 400 mm (16 in)	K639-4	•		•							
Undercarriage Kit for X-Tractor® 2	K5540-1			•							
Spark Arrestor Kit for Kohler® CH730, Kubota® V1505 and Kubota® D722 Engines	K1898-1			•							
SHFA Flat Suction Nozzle	K639-5	•	•	•							
UNM Suction Nozzle for Heavy Smoke	K639-6	•	•	•							
NKT Nozzle Kit, 1 in x 8 ft Hose (254 mm x 2.4 m), 1.75 in. (45 mm) Hose Adapter	K2389-3	•	•	•							
NKC Nozzle Kit, 1 in x 8 ft Hose (254 mm x 2.4 m), 1.75 in. (45 mm) Hose Adapter	K2389-4	•		•							
Extraction Hose, with Adapters, 1.75 in x 16 ft (45 mm x 4.9 m)	K2389-8	•		•							
Extraction Hose, with Adapters, 1.75 in x 8 ft (45 mm x 2.4 m)	K2389-9	•		•							
Extraction Hose, 1 in x 8 ft (25 mm x 2.5 m)	K4111-8		•	•							
Extraction Hose, 1 in x 25 ft (25 mm x 7.6 m)	K4111-25		•	•							
Extraction Hose, 1.75 in x 8 ft (45 mm x 2.5 m)	K4113-8		•	•							
Extraction Hose, 1.75 in x 25 ft (45 mm x 7.6 m)	K4113-25		•	•							

● Required ● Optional

Accessories

Product Name	Product No.	X-Tractor® Mini	X-Tractor® 1 Fume Gun	X-Tractor® 2 Fume Gun	Prism® Direct Exhaust Fan		Prism® Mobile		Prism® Mobile with Mechanized Cleaning		
		Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model	Base Model
		K3972-3	K652-ALL	K652-ALL	K1666-3	K2497-11	K1653-4	K1653-5	K1741-3	K1741-4	K2497-14
GENERAL, CON'T.											
Adapter, Hose-to-Tube, 1 in to 1 in (25.4-25.4 mm)	K3492-1		•	•							
Adapter, Hose-to-Tube, 1.75 in to 1.5 in (44.5-38.1 mm)	K3492-2		•	•							
Adapter, Hose-to-Tube, 1.75 in to 1.75 in (44.5-44.5 mm)	K3492-3		•	•							
Adapter, Hose-to-Tube, 1.75 in to 2 in (44.5-50.8 mm)	K3492-4		•	•							
Connector, Hose-to-Hose, 1 in to 1.75 in (25.4-44.5 mm)	K4115-3		•	•							
Connector, Hose-to-Hose, 1.75 in to 1.75 in (44.5-44.5 mm)	K2389-10	•	•	•							
Hose Connection Outlet	K2389-2	•									
MBH Wall Mounting Bracket	K2389-7	•									
Connection Kit, X-Tractor® 2 Fume Guns	K3968-1	•		•							
LongLife-H Filter X-Tractor® Mini	KP2390-1	•									
HEPA Filter X-Tractor® Mini	KP2390-4	•									
Pre-filter X-Tractor® Mini	KP2390-3	•									
X-Tractor® Mini Filter One-Pak®	KP2390-5	•									
Activated Carbon Filter X-Tractor® Mini	KP2389-1	•									
Activated Carbon Filter	KP1852-1						•	•			
Filter, X-Tractor® 1 Fume Gun, X-Tractor® 2 Fume Guns	KP2069-1		•	•							
Arc Sensor with Work Lamp for 10 ft (3 m) Mobiflex® Arm	K1669-13						•	•	•	•	•
Arc Sensor with Work Lamp for 13 ft (4 m) Mobiflex® Arm	K1669-14						•	•	•	•	•
Starter Overload Switch for 230V Prism® 2400 1 HP Fan	K1494-3						•	•	•	•	
MERV 14 Filter Prism® Mobile & Wall Mount	KP1673-1						•	•			
HEPA Filter Prism Mobile & Wall Mount	KP1673-11						•	•			
MERV 16 (HE) Nano Filter Prism Mobile & Wall Mount	KP1673-9						•	•			
MERV 14 Filter Prism Mobile & Wall Mount w/Cleaning	KP1673-2								•	•	•
MERV 16 (HE) Nano Filter Prism Mobile & Wall Mount w/Cleaning	KP1673-10								•	•	•
Pre-Filter Prism® Mobile and Prism® Wall Mount	KP1673-5						•	•			
Pre-Filter Prism® Mobile & Wall Mount w/Cleaning	KP1673-6								•	•	•
Filter, MERV 11, Polyester 500mm (Black Strap)	KP5178-1			•							
Filter, MERV 16, Cellulose/Nano (White Strap)	KP5178-2			•							
Filter, MERV 16, PTFE 500 mm (Red Strap)	KP5178-3			•							
Filter, MERV 11, Oil Resistant	KP5178-4			•							
Filter, MERV 16, Oil Resistant	KP5178-5			•							

• Required • Optional

Accessories

Product Name	Product No.	Prism® Wall Mount[1]			Prism® Wall Mount with Mechanized Cleaning		Prism® Downdraft Direct	Prism® Downdraft Table	Prism® Downdraft Table with Mechanized Cleaning
		Base Model MERV 14 Single Arm	Base Model MERV 14 Dual Arm	Base Model MERV 16 Single Arm	Base Model MERV 16 Single Arm	Base Model MERV 16 Dual Arm	Base Model	Base Model	Base Model
		K1654-4	K1654-5	K1654-6	K3681-1	K3681-2	K2751-9	K2751-10, -13, -14	K2751-11, -15, -16
REQUIRED FOR PRISM® WALL MOUNT SINGLE AND DUAL ARM[1]									
Extraction Arms (Category 2)									
Prism® Wall Mount 10 ft (3 m) Extraction Arm	K1655-8				•	•			
Prism® Wall Mount 13 ft (4 m) Extraction Arm	K1655-9				•	•			
Prism® Wall Mount Low Ceiling 13 ft (4 m) Extraction Arm	K1655-13				•	•			
Prism® Telescopic 4-6 ft (1.2-1.8 m) Wall Mount Extraction Arm	K1655-15				•	•			
Prism® Telescopic 5-8 ft (1.5-2.5 m) Wall Mount Extraction Arm	K1655-14				•	•			
Standard System (Category 3A) – Requires fan, starting control and mounting brackets									
Prism® 2400 Stationary Fan (115V/1HP)	K1656-9				•	•			
Prism® 2400 Stationary Fan (230V/1HP)	K2497-13				•	•			
Starter/Overload Switch for 115V	K1494-2				•	•			
Starter/Overload Switch for 230V	K1494-3				•	•			
Arc Sensor/Lamp Kit for Prism® 2400 Stationary Fan (115V)	K1669-4				•	•			
Prism® 2400 Wall Mounting Bracket (use with K1655-8 and K1655-9 Extraction Arms)	K1657-1				•	•			
Prism® 2400 Wall Mounting Bracket (use with K1655-13 Extraction Arm)	K1657-2				•	•			
Extension Crane System (Category 3B) – Requires fan, starting control and extension crane									
Prism® 4200 Stationary Fan (2 HP)	K1656-4				•				
Starter/Overload Switch for Prism® 4200 Stationary Fan	K1494-10				•				
Arc Sensor/Lamp Kit for Prism® 4200 Stationary Fan	K1669-10				•				
Extension Crane, 7 ft (2.1 m)	K1671-1				•				
Extension Crane, 14 ft (4.3 m)	K1671-2				•				

(1) See E13.14 for a list of accessories

Prism® Wall Mount and Prism® Wall Mount with Mechanized Cleaning » [1]For a Single Arm Package, choose one item from Category 2, and one item each from Systems 3A or 3B. For a Dual Arm Package, choose two items from Category 2, and two items each from System 3A or 3B (Prism® Wall Mount with Mechanized Cleaning only).

• Required ○ Optional

Accessories

Product Name	Product No.	Prism® Wall Mount[1]			Prism® Wall Mount with Mechanized Cleaning		Prism® Downdraft Direct	Prism® Downdraft	Prism® Downdraft with Mechanized Cleaning
		Base Model MERV 14 Single Arm	Base Model MERV 14 Dual Arm	Base Model MERV 16 Single Arm	Base Model MERV 16 Single Arm	Base Model MERV 16 Dual Arm	Base Model	Base Model	Base Model
		K1654-4	K1654-5	K1654-6	K3681-1	K3681-2	K2751-9	K2751-10, -13, -14	K2751-11, -15, -16
GENERAL									
230V Conversion Kit for Prism® 2400 Fan	K1750-1								
Air Exhaust Silencer	K1534-2								
Prism® Wall Mount Conversion Kit (Single to Dual Arm; 2 Required)	K1743-3								
Central System Connection Kit	K2752-10						•		
Dust Container for Downdraft	K2752-11						•		
Plasma Cutting Work Grid (max. 50A)	K2752-2						•	•	•
Working Light Kit	K2752-3						•	•	•
Mounting Kit for Bench Vise (cannot use with K2752-2)	K2752-8						•	•	•
Current Activated Start/Stop Sensor	K2752-4								•
Motion Activated Start/Stop Sensor	K2752-5								•
Wheel Kit - Maximum Load 330 lb (149.7 kg)	K2752-6							•	•
Silencer/Outlet Duct	K2752-7							•	•
Dust Tray Lid	K2752-9							•	•
Prism® Wall Mount MERV 14 Cellulose Filter	KP1673-1	•	•	•					
Prism® Wall Mount MERV 16 (HE) Filter	KP1673-9	•	•	•					
HEPA Filter Prism Mobile & Wall Mount	KP1673-11	•	•	•					
Prism® Wall Mount Activated Carbon Filter	KP1852-1	•	•	•					
Prism® Wall Mount Pre-Filter	KP1673-5	•	•	•					
Pre-Spark Arrestors (qty. 2)	KP4052-1							•	•
Spark Arrestors (qty. 2)	KP2752-12						•	•	•
Prism® Wall Mount w/ Cleaning Pre-Filter	KP1673-6				•	•		•	•
MERV 16 (HE) Filter (qty. 2)	KP2752-16				•	•		•	•
HEPA Filter Kit	K2752-1							•	•
HEPA Filter for K2752-1	KP2752-14							•	•
Discharge Filter	KP3551-1							•	•
Plasma Cutting Pre-filter Kit (Set of 2 for use in K2752-2)	KP2752-17						•	•	•

(1) See E13.14 for a list of accessories

• Optional

Accessories

Product Name	Product No.	Statiflex® Filter Bank Base Model	Statiflex® Complete Base Model	Prism® Compact Base Model	Prism® Filter Bank Base Model	Prism® Circulator 4000 Base Model
GENERAL, CON'T.						
Filter, MERV 11, Statiflex® Filter Bank	KP3370-1	•	•			
Filter, MERV 16, Nano, Statiflex® Filter Bank	KP3370-2	•	•			
Filter, MERV 16, PTFE, Statiflex® Filter Bank	KP3370-3	•	•			
Filter, MERV 11, Prism® (Black Strap)	KP4519-1			•		•
Filter, MERV 16, Nano, Prism® (White Strap)	KP4519-2			•		•
Filter, MERV 16, PTFE, Prism® (Red Strap)	KP4519-3			•		•
Filter, MERV 11, Oil Resistant, Prism® (Gray Strap)	KP4519-4			•		•
Filter, MERV 16, Oil Resistant, Prism® (Orange Strap)	KP4519-5			•		•
Pre-Filter Prism® Compact Spark Arrestor	KP4680-1			•		
Filter, HEPA (Only for Prism Compact Units Equipped With the AD1258-1 HEPA kit)	KP5555-1			•		
Filter, HEPA (Only for Prism Filter Banks Equipped With the HEPA kit Installed From the Factory)	KP5729-1				•	

NOTES



EDUCATION SOLUTIONS

MODEL	JOINT CONFIGURATIONS					POSITIONS										STAND		PROCESS					INPUT		
	Flat Plate	Tee Joint	Groove Joint	6 in Diameter Schedule 40 Pipe	2 in Diameter XXS Pipe	1G	2F	2G	3F	3G	4F	4G	5G	5F (Pipe on Plate)	6G	All Position	Tabletop	Stick	TIG	MIG	Flux-Cored-GS	Flux-Cored-SS	Phase	Frequency	Voltage
Welding Education Training Systems																									
VRTEX® 360+ Dual User	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●	1	50/60	115/230
VRTEX® 360 Compact	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	1	50/60	115/230

WELDING TRAINING EQUIPMENT ACCESSORIES » VRTEX® 360 Compact Pelican Travel Cases · VRTEX® Tabletop Armrest · VRTEX® 360 Compact Stand Kit · Oxyfuel Cutting Software and Hardware

TEACHING AIDS » Voyage™ Arc · Voyage™ Arc LAN · Teaching Aid Toolbox · Booth Assist

WELDING EQUIPMENT » Power Wave® 300C Advanced Education Ready-Pak® · POWER MIG® 262MP Multi-Process Welder Educational One-Pak® · Flextec® 350X PC/DLF-82 Education Ready-Pak® · POWER MIG® 360MP Multi-Process Welder Education One-Pak® · ClassMate® M · ClassMate® GoFa-5 Cobot · ClassMate® CRX-10iA Cobot · ClassMate® Pro · ClassMate® Laser · Welding Booths · Welding Tables · Welding Gear · Welding Curtains

CUTTING EQUIPMENT » Torchmate® 4400, 4800, 4505 and 4510 CNC Plasma Cutting Tables

KEY: ● **Excellent** ◒ **Good** ○ **Optional**

One Stop. One Partner.

Industry-Leading Complete Welding Education Solutions

FILLER METALS - Our products cover a comprehensive array of welding processes with a wide range of materials including aluminum, stainless steel and high alloys

VIRTUAL REALITY WELDING TRAINING SYSTEMS - VR training combined with traditional training can speed up the process of perfecting welding skills

AUTOMATION ROBOTIC TRAINERS - ClassMate® systems give students exposure to new robotic welding technology used in manufacturing workplaces worldwide

ADVANCED MULTI-PROCESS WELDERS - Tackle more materials, projects and arc welding processes with an advanced welding power source

PROFESSIONAL DEVELOPMENT - Seminars/Classes for welders and instructors at every level

CURRICULUM - LEEPS™ welding certification program in partnership with NC3 and U/LINC®

ENVIRONMENTAL OFFERINGS & CONSULTATION - Consulting on the construction of welding classrooms, booths and schools



MyLincoln™ Education Portal

Educational Materials and Resources for Any Welding Program

- Exclusive savings on purchases of filler metals, fume extraction units and filters, Harris® products, welding gear, tools, and guns and accessories
- **FREE** education resources including posters, decals, training videos, lesson plans, welding guides and technical documents
- Traceable order status and history
- **FREE** standard shipping on online orders over $2,500 in the contiguous United States
- Eligibility to place orders requires a minimum transaction amount of $2,500

https://www.lincolnelectric.com/education-portal



U/LINC® Welding and Cutting Curriculum

Empowering the Next Generation of Welders with Engaging Curriculum

Lincoln Electric's U/LINC® educational program connects welding theory, practice and knowledge through the ToolingU | SME® learning management system

- Instructors can select pre-built curriculum or customize their own
- Subscribers can easily search, download and print lesson plans, class assignments, student handouts, and more
- Lesson plans contain in-depth directions, tips and teaching strategies that leverage Lincoln Electric's over 100 years of welding training knowledge
- Covers welding education on a diverse range of topics, from safety to robotics, CNC plasma cutting, and everything in between

For more information, please review the U/LINC® brochure, MC15-52 or contact us at info@toolingu.com

U/LINC® CURRICULUM ENGINEERED by LINCOLN ELECTRIC

TOOLINGU | sme

200+ Lesson Plans

180+ Student Handouts

200+ Assessments

100+ PPT Presentations

100+ Lab Activities

190+ Student Reference Guides

70+ Videos

Lincoln Electric Education Partner Schools (LEEPS™) Welding Certification Program

In partnership with the National Coalition of Certification Centers (NC3), LEEPS™ is designed for institutions looking to offer a full suite of portable, stackable welding certifications.

- **Curriculum -** LEEPS™ provides curriculum and learning management resources necessary for standardizing welding education and advancing knowledge to the next level
- **Certifications -** NC3 certifications and credentials can be applied across different industries such as welding, transportation, manufacturing, energy, building trades, aviation, and agriculture
- **For Instructors -** Provides instructors valuable professional development through Train-the-Trainer courses, curriculum guidance, and networking opportunities that boost skills, credibility, and confidence
- **For Students -** Provides students a competitive advantage in the career marketplace with comprehensive training, documented skills, and knowledge
- **For Schools -** Provides schools with the curriculum and learning management resources necessary for standardizing welding education and advancing knowledge to the next level, driving graduation and retention rates higher
- **For Industry -** Provides industry fully-qualified, job-ready candidates ensuring potential employers that candidates have the foundational knowledge and skills to succeed in the industry

Contact us at LEEPS@lincolnelectric.com

Literature
EDU-248316
EDU-248317
EDU-248318
EDU-248328

Custom Training

Raise the Bar on Skill Development

Codes and standards govern welding processes and metal fabrication to ensure quality, consistency and safety. Do you understand the complexities? Lincoln Electric offers a broad portfolio of custom consulting services to industrial organizations to provide guidance to meet or exceed these standards.

- Technical Training for Welders
- Code Consulting
- Procedure Development Execution Plans
- Engineered Procedures
- Cold Eye Reviews

Our expert instructors can design a custom results-oriented training program just for you. Training can be conducted at your location or at our Welding Technology & Training Center in Cleveland, OH

https://www.lincolnelectric.com/custom-training

EXAMPLES OF CUSTOM TRAINING PROGRAMS



Contact us at: CustomTraining@LincolnElectric.com

Lincoln Electric Welding Technology & Training Center

Dedicated to Advancing Your Welding Skills

- Committed to the transfer of knowledge to anyone desiring to learn the craft and science of welding
- Welding educator train-the-trainer professional development workshops and seminars
- AWS CWI preparation training
- Welding design, alloy and other seminars for welding engineers
- Preparing aspiring welders with the latest technology and tools required by present-day manufacturers and contractors
- Welding Professional Seminars - courses designed specifically for welding professionals seeking advanced training and expertise



Processes & Programs

- Stick
- TIG
- MIG
- Flux-Cored
- Submerged Arc Welding
- ASME and API Pipe
- AWS CWI preparation
- Plasma Cutting
- Oxyfuel Cutting
- Welding Training Systems
- Train-the-Trainer Professional Development
- Distributor Training
- Welding Design Seminars
- Specialized Workshops
- Introduction to Cobots

Literature

MC25-82

VRTEX® 360 Compact

Portable Virtual Reality Welding Simulator

- Realistic puddle and actual welding sounds help students to respond and correct their welding technique
- Simulates sparks, slag, grinding and weld cooling
- Tracks and scores key weld parameters including work angle, travel angle, travel speed, contact tip to work distance, aim and position
- Improves efficiency by accelerating students' progress and reducing the time required to up-skill
- Reduces costs by eliminating the use of consumables, metal coupons, gas and electricity
- Increases safety with no metal, sparks, heat, gas or fumes
- Allows for more practice creating efficiency and a quicker route to certification



Processes Simulated
- Stick 6010, 6013 & 7018
- TIG with and without filler metal
- MIG Short Arc, Spray, Pulse & STT® (pipe only)
- Flux-Cored Gas-Shielded and Self-Shielded

Input

50/60 Hz | 115V | 230V

Literature
E16.02 and MC22-21

Supported by:
U/LINC® curriculum

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Input Current @ Rated Output	H x W x D in (mm)	Net Wt lb (kg)
VRTEX® 360 Compact Base Model	K4914-1	115/230/1/50/60	4A@115 2A@230	Machine: 15.1 x 11.6 x 18.2 (383.54 x 294.64 x 462.28)	23.5 (with headset) (10.6)

VRTEX® 360 Compact Travel Case Set

- Two heavy-duty Pelican™ brand carrying cases
- Cases house the VRTEX® 360 Compact and all of its accessories
- Packing instructions assure weight limitations for air travel
- Waterproof, crushproof and dust proof



Literature
E16.07

Product Name	Product Number	H x W x D in (mm)	Net Wt lb (kg)
VRTEX® 360 Compact Travel Case Set	K4915-1	26.81 x 20.65 x 14.87 in (1717.04 x 1333.5 x 960.12)	49.8 (22.6)

VRTEX® 360 Compact Stand Kit

- Optional accessory for VRTEX® 360 Compact models
- Includes the monitor mount, welding table and arm, bracket, adjustable pole, saddle bag and weighted base



Literature
E16.05

Product Name	Product Number	H x W x D in (mm)	Net Wt lb (kg)
VRTEX® 360 Compact Stand Kit	K4916-1	80 x 39 x 47 (2032 x 991 x 1194)	210 (48)

VRTEX® Tabletop Armrest

- Optional accessory for VRTEX® 360 Compact models
- Stores all of the coupons for the VRTEX® 360 Compact
- Assists students with their form



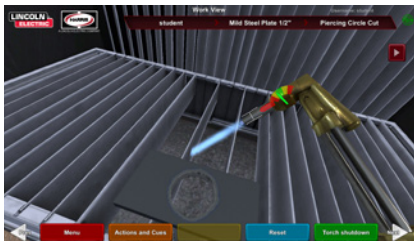
Order Number
K4917-1

VRTEX® Upgrade: Oxyfuel Cutting Software and Hardware

A VRTEX Exclusive

- Utilize for an introduction and reinforcement of cutting practices
- Fuel choices: Acetylene and Propane
- Step-by-step torch lighting sequence follows safety protocols and reinforces the importance of reading the flame
- The Oxyfuel Cutting software and hardware upgrade can be used with the VRTEX® 360+ Dual and the VRTEX® Compact Welding Simulation Trainers





Order Number
K4485-1

Processes Simulated
- Oxyfuel Cutting

Literature
MC20-107

Supported by:
U/LINC® curriculum

VRTEX® 360+ (Dual User)

Virtual Reality Welding Simulation Trainer

- Train two welders independently with one machine - includes two of each process device and coupons
- Realistic weld puddle is responsive to operator behavior
- Retractable SMAW stick stinger, GMAW/FCAW gun and GTAW TIG torch, filler metal and adaptive foot pedal devices
- Supports tee, flat plate, groove, 6 in. (152.4 mm) schedule 40 pipe, 2 in. (50.8 mm) XXS pipe and pipe-on-plate
- AWS virtual bend test for multi-pass pipe welds



Processes Simulated

- Stick 6010, 6013 & 7018
- TIG with and without filler metal
- MIG Short Arc, Spray, Pulse & STT® (pipe only)
- Flux-Cored Gas-Shielded and Self-Shielded

Input

50/60 Hz | 115V | 230V

Literature

E16.09, and MC22-34

Supported by: U/LINC® curriculum

Product Name	Product Number	Input Power Voltage/Phase/Hertz	Input Current @ Rated Output	H x W x D in (mm)	Net Wt lb (kg)
VRTEX® 360+ (Dual User) Crate	K4602-3	115/230/1/50/60	4A@115 2A@230	Machine: 34.4 x 19.8 x 38.4 (874 x 503 x 975) Stand: 78.5 x 36 x 46.38 (1993.9 x 914.4 x 1178.1) Crate: 48 x 48 x 48 (1219.2 x 1219.2 x 1219.2)	Machine: 200 (90.7) PACKAGED WEIGHT: Crate, Machine & Stand: 500 (226.8)
Pallet	K4602-1				

Voyage™ Arc Virtual Reality Headset

Sparking an Interest in Welding

- An interactive and immersive classroom platform that introduces students to the fundamentals of welding
- A VR amusement park environment offers an exciting, distinctive and engaging backdrop for students to grasp the basic concepts of welding
- With its cutting-edge technology, VR offers a multi-sensory and captivating experience that enables learners to acquire knowledge about welding in a secure and controlled environment
- Whether as a standalone tool or a complementary resource to existing curricula, this classroom solution can serve as a solid foundation for career exploration and skill development



Processes
- Stick
- MIG

Literature
E16.01
MC22-112

What's Included

Voyage™ Arc (K5338-1)
- One pico™ neo3 pro VR Headset
- Preloaded Lincoln Electric Module Software
- Two Hand Controllers and Lanyards
- USB-C Cable
- AC Adapter
- Four 1.5V AA Batteries
- pico™ neo3 pro User Guide

Voyage™ Arc One-Pak® (10-Unit Bundle w/LAN Controller) (K5338-2)
- Ten Voyage™ Arc VR Headsets (K5338-1)
- Voyage™ Arc LAN Controller with Mercury XRS Software (K5392-1)

Voyage™ Arc One-Pak® (20-Unit Bundle w/LAN Controller) (K5338-3)
- Twenty Voyage™ Arc VR Headsets (K5338-1)
- Voyage™ Arc LAN Controller with Mercury XRS Software (K5392-1)

Voyage™ Arc LAN Controller

- Connects an entire classroom with headsets
- Analytic software makes it easy to monitor and track students' progress
- The dashboard provides data for arc time, travel speed, work angle and contact tip to work distance
- Preloaded software aggregates data into three layouts - Leaderboard, Classroom Progress, and Individual User



Order Number
K5392-1

Literature
MC22-112

What's Included

- Lincoln Electric Branded Computer 750-EC70A2-200G
- Mercury XRS Software by Roundtable Learning
- Power Converter
- Power Cable
- WiFi Antenna
- Label Sheet

Teaching Aid Toolbox

Bring Your Classroom to Life

- Enhances the learning experience
- Curriculum in a cabinet – Comprehensive array of welding and cutting tools, cutaway Harris® gas regulator and oxyfuel torch
- Bridges the classroom and the lab by illustrating process principles in the classroom
- Includes a set of weld discontinuity flashcards



Processes
- Stick
- TIG
- MIG
- Flux-Cored
- Plasma Cutting
- Oxyfuel Cutting

Literature
MC17-47

Product Name		Product Number	H x W x D in (mm)	Net Wt lb (kg)
Teaching Aid Toolbox	with Contents	K4442-1	26.5 x 18 x 34.5 (673.1 x 457.2 x 50.8)	125 (56.7)
	Replacement Cutaway Harris® Oxyfuel Torch (1 included with K4442-1 Toolbox)	K4442-2	18 x 6 x 2 (457.2 x 152.4 x 50.8	4 (1.8)
	Replacement Cutaway Harris® Gas Regulator (1 included with K4442-1 Toolbox)	K4442-3	6 x 7.5 x 5 (152.4 x 190.5 x 127)	4 (1.8)

Weld Booth Assist

Welding Booth Monitoring System

- A control panel inside the weld booth pairs with a visual monitoring system permitting instructors to monitor the activity of the entire class at a glance
- The stacked red, amber and green light bar indicate if a booth is occupied, if active welding is taking place, or whether a student needs individual support
- Compatible with any welding process or product
- CSA and CE approved



Order Number
K5319-1

Input
1 PHASE | 50/60 Hz | 115V

Power Wave® 300C Advanced Educational One-Pak®

Multi-Process Student-Ready Welding Package

- The Industry's only true 300 Amp, 100% duty cycle, all-process machine
- **All-Process Versatility** – Stick, TIG, MIG, Flux-Cored, and Arc Gouging processes, with advanced weld modes, integrated High Frequency and AC/DC capabilities
- **Intelligent Connectivity** – Intelligent, operator-focused interface and powerful Industry 4.0 capabilities including CheckPoint® Production Monitoring



Processes
- Stick
- TIG
- TIG AC
- MIG
- Pulsed MIG
- MIG AC
- Flux-Cored
- TIG HF
- STT® MIG
- Gouging

Output

CC CV | AC DC

Input

1 PHASE | 3 PHASE | 50/60 Hz

Literature
E5.102

Product Name	Product Number	Input Voltage / Phase / Hertz	Output Range	Rated Output / Voltage / Duty Cycle	Input Current @ Rated Output	H x W x D in (mm)	Net Wt lb (kg)
Power Wave® 300C Advanced Educational One-Pak®	K4934-1	200-208/220-230/380-415/460/575/1/3/50/60	5-350A	GMAW: 350A / 31.5 V/ 40% GMAW: 300A / 29 V / 100% SMAW: 325A / 33V / 40% SMAW: 280A / 31.2V/100% FCAW: 350A / 31.5 V/ 40% FCAW: 300A / 29 V / 100% GTAW: 325A / 23V / 40% GTAW: 300A / 22V / 100%	3ph /1ph / 40% Duty Cycle: 4/40/25/20/16.5 3ph /1ph/ 100% Duty Cycle: 35/32/19.5/16/14	39.67 x 20.65 x 39.60 (1007.6 x 524.5 x 1005.8)	226 (102.5)

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

POWER MIG® 262MP Multi-Process Welder Educational One-Pak®

Professional-Grade Performance

- Max output of 300 amps
- Multi-process functionality includes MIG, Pulsed MIG, Stick, Flux-Cored and TIG
- Equipped with cutting-edge technology including Ready.Set.Weld®, ArcFX® and Weld Set Memory
- Rugged MAXTRAC® Industrial Wire Drive allows constant wire feed speed and consistent welds



Processes
- Stick
- TIG
- TIG AC
- MIG
- Pulsed MIG
- MIG AC
- Flux-Cored
- TIG HF
- STT® MIG
- Gouging

Output

CC CV | AC DC

Input

1 PHASE | 3 PHASE | 50/60 Hz

Literature
E5.102

Product Name	Product Number	Input Voltage / Phase / Hertz	Output Range	Rated Output / Voltage / Duty Cycle	Input Current @ Rated Output	H x W x D in (mm)	Net Wt lb (kg)
POWER MIG® 262MP Multi-Process Welder Education One-Pak®	K5636-1	208/230/460/575/1/60	5-300 Amps, 50-700 ipm WFS (1.3-17.7 m/min) Max. OCV 90V	230A/26.5V/60%	49.1/44/22.1/17.6	37.5 x 18 x 37.5 (952.5 x 457.2 x 952.5)	312 (141.5)

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

POWER MIG® 360MP Multi-Process Welder Education One-Pak®

A Professional Welding Solution

- 7-Inch color display enhances communication with the operator
- Multi-Process capable - able to weld MIG, flux-cored, stick, TIG, pulsed MIG, and advanced processes like Pulse-On-Pulse® and Power Mode®
- Welds 4XXX and 5XXX series aluminum for superior quality
- The Pulse-on-Pulse® feature delivers a stacked dime appearance when welding aluminum
- Power Mode® helps maintain a stable, smooth arc for short arc welding on steel



Processes
- MIG, Pulsed
- Flux-Cored
- Stick
- TIG

Output

CC CV DC

Input

1 PHASE 60 Hz

Literature
E7.60

Product Name	Product Number	Input Voltage / Phase / Hertz	Output Range	Rated Output / Voltage / Duty Cycle	Input Current @ Rated Output	H x W x D in (mm)	Net Wt lb (kg)
POWER MIG® 360MP Multi-Process Welder Educational One-Pak®	K4778-1	208/230/460/575/1/50/60	5-360 Amps 50-700 ipm WFS (1.3-17.7 m/min) Max. OCV 70V	320A/30V/60%	55/50/25/20A	37.3 x 18 x 40.4 (947.4 x 457.2 x 1026.2)	327 (148.3)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

ClassMate® M Robotic Welding Training System

Advance the Manufacturing Skills of the Next Generation

- Teaching real-life industrial robotic concepts, programming, and welding is crucial to global competitiveness, and can accelerate student skills and employment rates
- Intermediate and Advanced packages include WeldPRO® Simulation Training Software
- Full-featured, operational robotic welding power source can be used to produce actual parts
- Integrated fume control, safety hardware, and welding fixture programming software
- Standard U/LINC® curriculum and Train-the-Trainer programs help every instructor get up to speed fast



Processes
- MIG
- Pulsed MIG
- Flux-Cored

Input
1/3 PHASE 50/60 Hz

Output
AC

Literature
LEA-022323TM1-01

Supported by: U/LINC® curriculum

Product Name	Product Number	Input Power	H x W x D in (mm)	Net Wt lb (kg)
ClassMate® M	AD2446-20	120V for Robot Operation and Programming 208/230/380-415/460/575/1/3/50/60 for Welding Operation	Sides Expanded: 81.23 x 64.82 x 70 (2063 x 1646 x 1778) Sides Folded: 81.23 x 32 x 70 (2063 x 813 x 1778	1000 (453.6)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

ClassMate® GoFa-5 Cobot

Collaborative Robotic Education System

- Equipped with a FANUC® educational software package providing instructors and students with everything they need to learn how to operate the ClassMate® Cobot
- Built for educating and preparing students for the industrial space
- The Power Wave® R450 Power Source welds with a FANUC® CRX robot driven by a Lincoln Electric Power Wave® R450 power source
- The easy-to-learn Cooper™ App provides on-screen instructions guiding users step-by-step through the process of creating welds
- ABB GoFa-5 offers the best-in-class motion controlling arm in its class
- Small footprint - fits through a 36 in. (914.4 mm) doorway



Processes
- MIG
- Pulsed MIG
- Flux-Cored

Input
1/3 PHASE 50/60 Hz

Literature
LEA-122023JT1-01 and LEA-010324JT1-01

Supported by: U/LINC® curriculum

Product Name	Product Number	Robotic Arm Payload lb (kg)	Robot Arm Reach in (mm)	Fixed Table Payload lb (kg)	H x W x D in (mm)	Net Wt lb (kg)
ClassMate® GoFa-5 Cobot	AD2446-27	11 (5)	41.3 (1,050)	200 (90.7)	50.4 x 37.8 x 79.3 (1,279 x 961 x 2,013)	507 (230)

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

ClassMate® CRX-10iA Cobot

Collaborative Welding Robots for Education

- On screen instructions guide users step-by-step through the process of creating welds; no training required
- FANUC ® CRX-10iA cobot arm delivers reliability with Payload of 10 kg. (22 lb.), Reach: 1,249 mm (49.2 in.)
- The Power Wave® R450 Power Source welds with a FANUC® CRX robot driven by a Lincoln Electric Power Wave® R450 power source
- The software controls and monitors welding processes delivering the highest levels of weld quality and productivity
- The easy-to-learn Cooper™ App provides on-screen instructions guiding users step-by-step through the process of creating welds



Processes
- MIG
- Pulsed MIG
- Flux-Cored

Input

1/3 PHASE | 50/60 Hz

Literature
LEA-122023JT1-01 and LEA-010324JT1-01

Supported by:
U/LINC® curriculum

Product Name	Product Number	Robotic Arm Payload lb (kg)	Robot Arm Reach in (mm)	Fixed Table Payload lb (kg)	H x W x D in (mm)	Net Wt lb (kg)
ClassMate® CRX-10iA Cobot	AD2446-28	22 (10)	49.2 (1,249)	200 (90.7)	50.4 x 37.8 x 79.3 (1,279 x 961 x 2,013)	507 (230)

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

ClassMate® Pro

Industrial Robotic Welding Trainer

- Designed to help welding educators meet the need for advanced manufacturing training
- Pre-configured and self-contained cell constructed for quick and easy installation
- This single-zone, industrial-sized cell is a small footprint system where welders learn to advance their programming and welding skills while replicating a true production environment
- Integrated safety measures and software



Processes
- MIG
- Pulsed MIG
- Flux-Cored

Input

3 PHASE | 50/60 Hz

Output

AC

Literature
E10.130

Product Name	Product Number	Input Power: Voltage/Phase/Hertz	Rated Output: Current / Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D in (mm)	Net Wt lb (kg)
ClassMate™ Pro Basic Package	AD2446-23	208/230/380-415/460/575/3/50/60	GMAW: 550/41.5/40% GMAW: 450/36.5/100%	40% DutyCycle: 80/73/41/37/29 100% DutyCycle: 60/54/30/27/21	5 - 550A	81.23 x 90 x 103 (2063 x 2286 x 2616)	3281 (1488.2)
w/Positioner	AD2446-24					90 x 75 x 97 (2286 x 1905 x 2453) With Door Closed	

[1]With specific Tool Set (some restrictions apply). [2]Multiple control platforms. [3]Cut speeds dependent on process.

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

ClassMate® Laser Cobot

Education Robotic Trainers

- A portable laser welding experience for the classroom that provides 2kW of laser output power
- Easy to onboard with high precision fast welding speeds
- Designed with safety features including emergency stop, safety interlocking system, key switch to secure the equipment and a shielding gas detection alarm



Processes
- Laser

Literature
LEA-032526TM1-02

Product Name	Product Number	Input Power: Voltage/Phase/ Hertz	Rated Output:	Input Power: Voltage/Phase/ Hertz	Output Range	Overall Footprint in (mm)	Net Wt lb (kg)
ClassMate® Laser Cobot	AD2446-29	200-240/1/50/60	2000W	36.4 A	200-2000W	114 x 61 x 89 (2896 x 1549 x 2261)	1200 (544)

Torchmate® 4400, 4800, 4505, and 4510 Education Packages

Add CNC Cutting to Your Program

- Ideal 2D cutting platform for schools, colleges and training centers
- Unlimited Software Licensing for students and one Master Teacher license
- Complete CNC system includes a plasma cutter and motion controls
- Torchmate® Visual Machine Designer™ software makes it easy to understand nesting, scanning, tool path concepts and more



Processes
- CNC Plasma Cutting

Literature
US70-1017221HR-09

Supported by:
U/LINC® curriculum

Product Name	Cutting Area[1] ft (m)	Input Power[2] amps/volts	Traverse Speed[2] ipm (m/min)	Cut Speed[2][3] ipm (m/min)	Machine Resolution in (µm)	Machine Size (footprint) in (mm)	Material Weight Capacity	Shipping Weight lb (kg)
Torchmate® 4400	16 (1.47)	15 amps @ 115v (table only)	500 (12.7)	500 (12.7)	0.0015	74 x 67 x 63 (1880 x 1702 x 1600)	48 x 48 in holds maximum of 652.8 lbs (40.8 lbs per square foot of 1 in thick carbon steel plate)	1,322 (600)
Torchmate® 4800	32 (2.94)					74 x 114 x 63 (1880 x 2896 x 1600)	48 x 96 in Holds maximum of 1,305.6 lbs (40.8 lbs per square foot of 1 in thick carbon steel plate)	1,847 (838)
Torchmate® 4505	25 (2.32)					86 x 79 x 63 (2184 x 2006 x 1600)	60 x 60 in holds maximum of 1,020 lbs (40.8 lbs per square foot of 1 in thick carbon steel plate)	1,480 (671)
Torchmate® 4510	50 (4.65)					86 x 138 x 63 (2184 x 3505 x 1600)	60 x 120 in holds maximum of 2,040 lbs (40.8 lbs per square foot of 1 in thick carbon steel plate)	2,452 (1,112)

Men's Standard Welding Gear Ready-Pak®

Best Suited for Beginners, Hobbyists, and Introductory Education Courses

- VIKING™ 1740 Series auto darkening welding helmet provides superior 4C® optics and comfort with 6.3 sq. in. (4064.51 sq. mm) viewing area
- Flame retardant cotton jacket provides lightweight, comfortable upper body protection
- Traditional leather gloves offer versatile protection for welding and fabrication
- Includes essential tools for Stick, MIG and Flux-Cored welding processes



Order Number
K4416-M
K4416-L
K4416-XL
K4416-2XL
K4416-3XL

Literature
E14.002

Women's Standard Welding Gear Ready-Pak®

Best Suited for Beginners, Hobbyists, and Introductory Education Courses

- VIKING™ 1740 Series auto darkening welding helmet provides superior 4C®optics and comfort with 6.3 sq. in. viewing area
- Flame retardant cotton jacket provides lightweight, comfortable upper body protection
- Women's sized leather gloves designed for optimal performance and comfort in Stick, MIG and TIG applications
- Includes essential tools for Stick, MIG and Flux-Cored welding processes



Order Number
K4416-W-XS
K4416-W-S
K4416-W-M
K4416-W-L
K4416-W-XL

Literature
E14.002

Men's Intermediate Education Welding Gear Ready-Pak®

Best Suited for Career and Technical Education Programs, High Schools, Hobbyists and Professionals

- VIKING™ 1840 Series auto darkening welding helmet provides superior 4C® optics and comfort with 7 sq. in. viewing area
- Leather sleeved welding jacket provides enhanced upper body protection and improved durability
- Professional face shield provides full-face impact protection for grinding applications
- Welders backpack improves storage organization, capacity and comfort
- Complete tool set for setup, welding and inspection



Order Number
K4595-M
K4595-L
K4595-XL
K4595-2XL
K4595-3XL

Literature
E14.002

NOTE: Welding gear and electrodes available at discounted prices to qualified schools on the MyLincoln™ Education Portal

Women's Intermediate Education Welding Gear Ready-Pak®

Best Suited for Career and Technical Education Programs, High Schools, Hobbyists and Professionals

- VIKING™ 1840 Series auto darkening welding helmet provides superior 4C® optics and comfort with 7 sq. in. viewing area
- Leather sleeved welding jacket provides enhanced upper body protection and improved durability
- Women's sized welding gloves designed for optimal performance and comfort in Stick, MIG and TIG applications
- Welders backpack improves storage organization, capacity and comfort
- Complete tool set for setup, welding and inspection



Order Number
K4595-W-XS
K4595-W-S
K4595-W-M
K4595-W-L
K4595-W-XL

Literature
E14.002

Men's Advanced Welding Gear Ready-Pak®

Best Suited for Professionals, Complete Hobbyists, Career and Technical Education Programs

- VIKING™ 3350 Series auto darkening welding helmet provides superior 4C® optics and comfort with 7 sq. in. viewing area. 5-year hassle-free warranty
- Leather sleeved welding jacket provides enhanced upper body protection and improved durability
- Complete set of welding gloves designed for optimal performance and comfort in Stick, MIG and TIG applications
- Industrial duffel bag has a 50+ lb. (22.7 kg) carrying capacity for storage of all PPE and tools



Order Number
K3699-M
K3699-L
K3699-XL
K3699-2XL
K3699-3XL

Literature
E14.002

Women's Advanced Welding Gear Ready-Pak®

Best Suited for Professionals, Complete Hobbyists, Career and Technical Education Programs

- VIKING™ 3350 Series auto darkening welding helmet provides superior 4C® optics and comfort with 7 sq. in. viewing area. 5-year hassle-free warranty
- Women's sized leather sleeved welding jacket provides enhanced upper body protection and improved durability
- Women's sized welding gloves designed for optimal performance and comfort in Stick, MIG and TIG applications
- Industrial duffel bag has a 50+ lb. (22.7 kg) carrying capacity for storage of all PPE and tools



Order Number
K3699-W-XS
K3699-W-S
K3699-W-M
K3699-W-L
K3699-W-XL

Literature
E14.002

NOTE: Welding gear and electrodes available at discounted prices to qualified schools on the MyLincoln™ Education Portal

Premium Welding Gear Ready-Pak®

Best Suited for Professionals, Complete Hobbyists, Career and Technical Education Programs

- VIKING™ 3350 ADV Series auto darkening welding helmet, our top-of-the-line helmet providing superior 4C® optics, comfort and control with 7 sq. in. viewing area and 5-year hassle-free warranty
- Premium leather sleeved welding jacket and arc rated long sleeve shirt provides enhanced upper body protection, increased comfort/fit and improved durability
- Complete set of welding gloves designed for optimal performance and comfort in Stick, MIG and TIG applications
- Industrial dufflepack has a 50+ lb. (22.7 kg) carrying capacity for storage of all PPE & tools



Order Number
K3715-M
K3715-L
K3715-XL
K3715-2XL
K3715-3XL

Literature
E14.002

NOTE: Welding gear and electrodes available at discounted prices to qualified schools on the MyLincoln™ Education Portal

Standalone Welding Booths

Create an Effective and Efficient Space for Teaching

- Single or multiple booth configurations and installations are possible
- Booths can be ordered in 4 ft. (1.2 m) through 8 ft. (2.4 m) widths
- Adjacent booths (side-to-side or back-to-back), share dividing panels to minimize the number of panels and posts required for setup
- Powder-coated anti-reflective black finish paint is durable and reduces arc reflection
- Booth walls have an open space of 18 in. (457.2 mm) at the bottom for air circulation and safety



Standalone
(Side-by-Side Starter)



Single Add-On



Back-to-Back Standalone
(Back-to-Back Starter)



Back-to-Back
Add-On

Processes
- Stick
- TIG
- MIG
- Flux-Cored
- Plasma Cutting
- Oxyfuel Cutting

Literature
E13.51

Product Number	Product Description	Interior Dimensions ft (m)	Exterior Overall Dimensions ft (m)	Height ft (m)	Panel Construction	Reinforced Frame
K5737-1	Weld Booth, 5 ft. (1.5 m) Standalone, Side-by-Side Starter	5 x 5 (1.5 x 1.5)	5.5 x 6 (1.7 x 1.8)	7.5 (2.23)	16 Gauge sheet metal	11 Gauge angle
K5737-2	Weld Booth, 5 ft. (1.5 m) Side-by-Side Add-On	5 x 5 (1.5 x 1.5)	5.5 x 6 (1.7 x 1.8)			
K5737-3	Weld Booth, 5 ft. (1.5 m) Back-to-Back Standalone Starter	5 x 5 (1.5 x 1.5) per cell	5.5 x 11 (1.7 x 3.4)			
K5737-4	Weld Booth, 5 ft. (1.5 m) Back-to-Back Add-On	5 x 5 (1.5 x 1.5) per cell	5.5 x 11 (1.7 x 3.4)			

For additional weld booth sizes (4 ft., 6 ft., 7 ft., 8 ft., etc.) contact a Lincoln Electric Environmental Specialist for a quote.

Lockable Storage Cabinet

- Ideal for storing welding helmets, jackets, gloves, small tools and related items
- Recessed stainless steel paddle latch and padlock loop
- All steel construction
- 38.45 in. H x 21 in. W x 20 in. L (977 x 533 x 508 mm)



Order Number
L15788-6

Literature
E13.51

Heavy Duty Adjustable Height Stool

- Heavy-duty stool with durable construction ideal for the welding booth
- Weight capacity of 500 lbs. (227 kg)
- Seat height adjustable from 24.5 in. to 32.5 in. (622 mm to 826 mm) in one-inch increments
- Steel base construction



Order Number
K5467-1

Literature
E13.51

Welding Booth Curtain Kits

- Overlapping red-orange strip curtains cover entire entrance to booth and help to protect other students and workers from arc flash and sparks. Curtain material compliant with AWS F2.3m-2011
- Kits include welding screen, mounting brackets and hardware



Order Number
K5249-1 Booth Curtain Kit, 50 in. W x 66 in. H (1270 x 1676 mm) (For 4 ft. (1.2 m) wide Weld Booth)

K5249-2 Booth Curtain Kit, 62 in. W x 66 in. H (1575 x 1676 mm) (For 5 ft. (1.5 m) wide Weld Booth)

K5249-3 Booth Curtain Kit, 74 in. W x 66 in. H (1880 x 1676 mm) (For 6 ft. (1.8 m) wide Weld Booth)

K5249-4 Booth Curtain Kit, 86 in. W x 66 in. H (2184 x 1676 mm) (For 7 ft. (2.1 m) wide Weld Booth)

K5249-5 Booth Curtain Kit, 98 in. W x 66 in. H (2489 x 1676 mm) (For 8 ft. (2.4 m) wide Weld Booth)

Literature
E13.51

Welding Booth Light Kits

- Kits include two LED light bars (23" or 33" depending on kit), mounting hardware, connecting cables, and on/off switch.



Order Number
K5899-1 for 4 ft. (1.2 m), 5 ft. (1.5 m), & 6ft. (1.8m) wide booths.

K5899-2 for booths 7 ft. (2.1 m) and wider

Input:



Literature
E13.51

Welding Tables

The Welding Table with Post and Fixture is ruggedly built and features a 1/4 in. (6.4 mm) thick steel top with a mechanical tubing frame and legs. The legs have provision for lagging the table to the floor. The table includes a 46 in. (1168 mm) tall adjustable post that can be installed on the right or left side of the table and a 25 in. (635 mm) long welding fixture

- The Standard Floor-Mounted Half-Circle Welding Table features a half-circle tabletop with convenient storage underneath for gloves and small tools
- The Floor-Mounted Rectangular Pipe Welding Table features a height-adjustable rectangular table with a 20 in. (508 mm) bar and pipe clamp fixture and storage area

Literature
E13.51



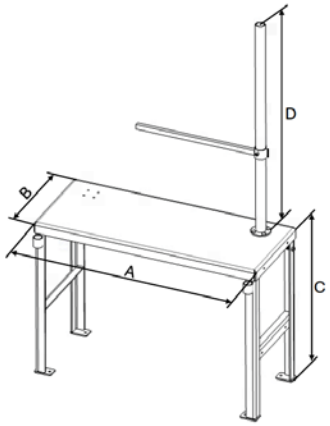
Shown: Welding Table with Post and Fixture
K5248-1



Shown: Floor-Mounted Rectangular Pipe Welding Table
K5248-6



Shown: Standard Floor Mounted Half-Circle Welding Table
K5248-5



Product Description	Product Number	Dimensions - in (mm)			
		A	B	C	D
Welding Table with Post and Fixture	K5248-1	32 (812.8)	16 (406.4)	36.5 (927.1)	46 (1168.4)
Welding Table with Post and Fixture (ADA Compliant)	K5248-2	47 (1193.8)	19 (482.6)	33.5 (850.9)	46 (1168.4)
Welding Table with Post and Fixture	K5248-3	47 (1193.8)	19 (482.6)	36.5 (927.1)	46 (1168.4)
Welding Table with Post and Fixture	K5248-7	58 (1473.2)	19 (482.6)	36.5 (927.1)	46 (1168.4)



Shown: Floor Post with Clamping Bar & Rectangular Table One-Pak®
K5248-6

Product Description	Product Number	Dimensions - in (mm)
Floor Post	K5667-1	78 (1981) H
Half-Round Table with Adjustable Height	K5667-2	32 (812.8) Diameter
Rectangular Table	K5667-3	13 L x 21 W (300 x 533)
Workpiece Extension Bar	K5667-4	25 (635) L
Clamping Bar and Mounting Kit	K5667-5	28 (711) L
Platform Kit	K5667-6	9.75 L x 10 W (248 x 254)



Shown: Standard Floor Mounted Half-Circle Welding Table
K5248-5

Product Description	Product Number	Dimensions - in (mm)			
		A	B	C	D
Floor Post with Bar & Platform One-Pak®	K5248-4		25 (635)		78 (1981)
Floor Post with Bar & Half-Round Table One-Pak®	K5248-5	32 (812.8)			78 (1981)
Floor Post with Clamping Bar and Rectangular Table One-Pak®	K5248-6	13 (300)	21 (533)		78 (1981)

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

VRTEX® 360 Compact

Base Model (K4914-1)

- 22 in. Custom Touchscreen Monitor
- VR Headset
- VR Welding Devices:
  - MIG/Flux-Cored – MIG Wire Welding Gun
  - Stick – Retractable Stick Stinger
  - TIG – TIG Torch and Filler with Adaptive Foot Pedal
- Seven Different Welding Coupons
- Adjustable Welding Pole for Welding Positions 0, 45-90°
- Adjustable Table Clamp
- Curriculum on a USB:
  - First Edition - Stick Welding Training Curriculum (K3205-1)
  - First Edition - MIG/FCAW Welding Training Curriculum (K3206-1)
  - VRTEX® Project Based Lesson 1 Student Workbook (K4057-1)
  - VRTEX® Project Based Lesson 1 Instructor Guide (K4057-2)
- Welding Procedure Specification Book for Proper Machine Set Up

VRTEX® Oxyfuel Cutting Software and Hardware

Base Model (K4485-1)

- Unigun
- Torch Attachment
- USB with Software Feature

VRTEX® 360+

Dual User (ships in a wooden crate) (K4602-3)

- (Qty. 2) 22 in. Custom Touchscreen Monitors
- (Qty. 2) VR Headsets
- (Qty. 2) VR Welding Devices:
  - MIG/Flux-Cored – MIG Wire Welding Gun
  - Stick – Retractable Stick Stinger
  - TIG – TIG Torch and Filler with Adaptive Foot Pedal
- (Qty. 2) Seven Different Welding Coupons
- (Qty. 2) VRTEX® 360 Welding Stands for Welding Positions 0, 45-90°
- Curriculum on a USB
  - First Edition MIG Welding Training Curriculum (K3206-1)
  - First Edition Stick Welding Training Curriculum (K3205-1)
  - VRTEX® Project Based Lesson 1 - Student Workbook (K4057-1)
  - VRTEX® Project Based Lesson 1 - Instructor Guide (K4057-2)
- Welding Procedure Specification Book for Proper Machine Set Up

Dual User (ships on a pallet) (K4602-1)

- (Qty. 2) 22 in. Custom Touchscreen Monitors
- (Qty. 2) VR Headsets
- (Qty. 2) VR Welding Devices:
  - MIG/Flux-Cored – MIG Wire Welding Gun
  - Stick – Retractable Stick Stinger
  - TIG – TIG Torch and Filler with Adaptive Foot Pedal
- (Qty. 2) Seven Different Welding Coupons
- (Qty. 2) VRTEX® 360 Welding Stands for Welding Positions 0, 45-90
- Curriculum on a USB
  - First Edition MIG Welding Training Curriculum (K3206-1)
  - First Edition Stick Welding Training Curriculum (K3205-1)
  - VRTEX® Project Based Lesson 1 - Student Workbook (K4057-1)
  - VRTEX® Project Based Lesson 1 - Instructor Guide (K4057-2)
- Welding Procedure Specification Book for Proper Machine Set Up

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

Voyage™ Arc

Base Model (K5338-1)

- One pico™ neo3 pro VR Headset
- Preloaded Lincoln Electric Module Software
- Two Hand Controllers and Lanyards
- USB-C Cable
- AC Adapter
- Four 1.5V AA Batteries
- pico™ neo3 pro User Guide

10-Pack Bundle (K5338-2)

- 10 pico™ neo3 pro VR Headsets
- Pre-loaded Lincoln Electric Module software
- 20 Hand Controllers with two AA Batteries and Lanyards for each Controller
- USB-C Cables
- LAN Controller with Mercury XRS Software (K5392-1)

20-Pack Bundle (K5338-3)

- 20 pico™ neo3 pro VR Headsets
- Pre-loaded Lincoln Electric Module software
- 40 Hand Controllers with two AA Batteries and Lanyards for each Controller
- USB-C Cables
- LAN Controller with Mercury XRS Software (K5392-1)

LAN Controller

Base Model (K5392-1)

- Lincoln Electric Branded Computer 750-EC70A2-200G
- Mercury XRS Software by Roundtable Learning
- Power Converter
- Power Cable
- WiFi Antenna
- Label Sheet

Teaching Aid Toolbox (K4442-1)

DRAWER 1 - Stick

- T300 Electrode Holder
- EH-305HD Magnum® Electrode Holder
- 200A Electrode Holder
- GC-300 Work Clamp
- 3/32 in. (2.4 mm) Bare Stick Electrode Rod
- 1/8 in. (3.2 mm) Bare Stick Electrode Rod
- 5/32 in. (4.0 mm) Bare Stick Electrode Rod
- Excalibur® 7018 MR 3/32 in. (2.4 mm) 1 lb. Tube Stick Electrode

DRAWER 2 - TIG

- PTA-17V Torch Body
- PTA-17F Torch Body
- PTA-17 Torch Handle
- PTA-17 3/32 in. (2.4 mm) Collet
- PTA-17 3/32 in. (2.4 mm) Collet Body
- PTA-17 Backcap, Long
- PTA-17 Alumina Nozzle #6
- GLK-3 Basic TIG Kit

DRAWER 3 - MIG/Flux-Cored

- Magnum® PRO 550 Assembly
- Magnum® PRO 250L Assembly
- Flux-Cored/MIG Wire Drive Roll 0.035 - 0.045 in. (0.9 - 1.1 mm) Knurled
- Drive Roll Kit Combination 0.035/0.045 in. (0.9-1.1 mm) Solid Wire Smooth
- Magnum® PRO MIG Gun Diffuser, 550A, Slip-On
- Magnum® PRO Gas Nozzle 550A, Slip-On, Flush, 3/4 in. ID
- Magnum® PRO Gas Nozzle 350A, Thread-On, Flush, 1/2 in. ID
- Magnum® PRO Gas Nozzle 350A, Thread-On, Recessed, 1/2 in. ID
- Magnum® PRO Bottleneck Gas Nozzle 350A, Thread-on, Flush, 1/2 in. ID
- Magnum® PRO Gas Nozzle 350A, 1/8 in. Stickout, Thread-on, 1/2 in. ID
- Magnum® PRO Gas Nozzle 350A, Flush, Thread-On, 3/8 in. ID
- Magnum® PRO MIG Gun Diffuser, 350A, Slip-On
- Magnum® PRO Gas Nozzle 350A, Flush, Slip-On, 1/2 in. ID
- Magnum® PRO MIG Gun Diffuser, 350A, Extended Reach, Thread-On
- Magnum® PRO Gas Nozzle 350A, Extended Reach, Thread-On, Recessed, 1/2 in. ID
- Magnum® PRO Contact Tip 550A, 0.035 in Diameter
- Magnum® PRO Contact Tip, 350A, Tapered, 0.035 in. Diameter
- Magnum® PRO 350 Gas Diffuser Thread-On
- Magnum® PRO Barrel 550 Nozzle Assembly 550A, Thread-On, Recessed, 5/8 in. ID
- Magnum® PRO MIG Gun Diffuser, 550A, Thread-On

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

DRAWER 4 - CUTTING

- Tomahawk® LC40 Plasma Cutting Torch Assembly
- Tomahawk® LC40 Electrode
- Tomahawk® LC40 Swirl Ring
- Tomahawk® LC40 Nozzle (40 A)
- Cutaway Harris® Oxyfuel Torch
- Cutaway Harris® Gas Regulator
- Acetylene Heating Assembly
- Acetylene Two-Piece Preheat Tip
- Cutting Tip

DRAWER 5 - WELD SAMPLES

- Butt Joint 2 x 6 in. (50.8 x 152.4 mm) 10 ga.
- Corner Joint 2 x 6 in. (50.8 x 152.4 mm) 10 ga.
- Edge Joint 2 x 6 in. (50.8 x 152.4 mm) 10 ga.
- Lap Joint 2 x 6 in. (50.8 x 152.4 mm) 10 ga.
- Tee Joint 2 x 6 in. (50.8 x 152.4 mm) 10 ga.
- Three Pass T Joint 100/75/50
- 1/4 x 3 x 8 in. (6.35 x 76.2 x 203.2 mm)
- 6 Pass Groove 100/83/66/50/33/16
- 3/8 x 8 x 7 in. (9.53 x 203.2 x 177.8 mm)
- Discontinuities Flash Cards

Power Wave® 300C

Advanced Educational One-Pak® (K4934-1)

- Power Wave® 300C Advanced (K4488-1)
- Foot Amptrol™ 25 ft. (7.6m) (12 pin) (K870-2)
- Magnum® PRO Curve™ 300 Welding Guns (K2951-2-6-45)
- PTA-17F TIG Torch Ready-Pak® (12.5 ft.) (K1782-14)
- 10 ft. (3.0 m) Input Power Cord
- Stick Electrode Holder, Cable (w/Twist-Mate™) (K2374-1)
- Weld Cable Package - Work Lead - TM & GC500 Ground Clamp (2/0, 350A, 60%) 15 ft. (4.6 m) (K1803-3)
- Model 355-2Ar-58010 Flowmeter Regulator Shielding Gas Kit (3100211)
- Drive Roll Kit Combination 0.035 in. / 0.045 in. Solid Wire (KP1696-1)

POWER MIG® 262MP Multi-Process Welder

Educational One-Pak® (K5636-1)

- POWER MIG® 262MP Welder
- Quick Storage Accessories
- 10 ft. Work Cable with Clamp
- 10 ft. Power Cable with Plug
- Dual Cylinder Cart (K3676-1)
- TIG Torch Twist-Mate™ to Stud Adapter Cable, 2 ft. (3.7 m) Gas Hose (K2505-3)
- Stick Electrode Holder, Cable (w/Twist-Mate™) (K2374-1)
- Weld Cable Package - Work Lead - TM & GC500 Ground Clamp (2/0, 350A, 60%) - 15 ft (4.6 m) (K1803-3)
- Deluxe Adjustable Gas Regulator and Hose Kit (K586-1)
- Parts Kit for PTA-17 TIG Torch (KP508)
- Magnum® PRO 250L Welding Gun - 15 ft. (4.6 m) (K4530-2)
- PTA-17F TIG Torch Ready-Pak® (12.5 ft. 1 pc.) (K1782-14)
- Foot Amptrol™ - 25 ft. (7.6 m) (6 pin) (K870)
- Drive Roll Kit Combination 0.035 in. / 0.045 in. Solid Wire (KP1696-1)
- Model 355-2Ar-58010 Flowmeter Regulator Shielding Gas Kit (3100211)

POWER MIG® 360MP Multi-Process Welder

Education One-Pak® (K4778-1)

- Dual Cylinder Cart (K3676-1)
- POWER MIG® 360MP Multi-Process Welder (K4467-1)
- TIG Torch Twist-Mate™ to Stud Adapter Cable, 2 ft. (3.7 m) Gas Hose (K2505-3)
- Stick Electrode Holder, Cable (w/Twist-Mate™) (K2374-1)
- Weld Cable Package - Work Lead - TM & GC500 Ground Clamp (2/0, 350A, 60%) - 15 ft. (4.6 m) (K1803-3)
- Parts Kit for PTA-17 TIG Torch (KP508)
- PTA-17F TIG Torch Ready-Pak® (12.5 ft. 1 pc.) (K1782-14)
- Foot Amptrol™ - 25 ft. (7.6m) (6 pin) (K870)
- Drive Roll Kit Combination 0.035 in. / 0.045 in. Solid Wire (KP1696-1)
- Model 355-2Ar-58010 Flowmeter Regulator Shielding Gas Kit (3100211)

⚠ WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

ClassMate® Welding Robots

M (AD2446-20)

- FANUC® 50iD/7L Robot - R30iB+ Mate Controller
- 120V Robot Operation & Fume
- Power Wave® R450 Robotic Power Source
- Auto-Sourcing Input Voltage
- AutoDrive® 4R100 Wire Drive
- 3-in-1 Welding Fixture
- X-Tractor® Mini Portable Welding Fume Extractor
- Two Instructor Seats in Our Automation Courses
- Educational WeldPRO Package
- Jumpstart Package
- Gripper Package

GoFa-5 Cobot (AD2446-27)

- ABB GoFa-5 Collaborative Arc Welding Robot Arm
- Cooper™ App
- Power Wave® R450 Power Source
- AutoDrive® 4R100 Wire Feeder
- Magnum® PRO Air-Cooled Robotic Torch
- Welding Cart with Tooling Table
- (10) Hand Shields (PPE)

CRX-10iA Cobot (AD2446-28)

- FANUC® CRX-10iA Collaborative Arc Welding Robot Arm
- Cooper™ App
- Power Wave® R450 Power Source
- AutoDrive® 4R100 Wire Feeder
- Magnum® PRO Air-Cooled Robotic Torch
- Welding Cart with Tooling Table
- (10) Hand Shields (PPE)

Pro (AD2446-23)

- Industrial Educational System
- FANUC® 100iD/12 Robot - R30iB+ Controller
- 460V For Robot Operation
- Power Wave® R450 Robotic Power Source
- AutoDrive® 4R220 Wire Drive
- 3-in-1 Welding Fixture
- Fume Hood
- Two Instructor Seats In Our Automation Courses
- Educational WeldPRO Package
- Jumpstart Package
- Gripper Package
- Prism® Compact

Pro with Positioner (AD2446-24)

- Industrial Educational System
- FANUC® 100iD/12 Robot - R30iB+ Controller
- 460V For Robot Operation
- Power Wave® R450 Robotic Power Source
- AutoDrive® 4R220 Wire Drive
- 3-in-1 Welding Fixture
- Fume Hood
- Two Instructor Seats In Our Automation Courses
- Educational WeldPRO Package
- Jumpstart Package
- Gripper Package
- FANUC® 500KG Headstock
- Fume extraction
- Prism® Compact

Laser Cobot (AD2446-29)

- FANUC® CRX 10iA/L Cobot
- FANUC® R-30iB Plus Mini Controller
- Mobile Cobot Cart
- CDRH Class 1 Laser Enclosure
- X-Tractor® Mini
- Start/Reset Palmstation
- Flex Lase™ 20
- Flex Feed® 25L
- Conduit Assembly (KP5797-1)
- (10) Contact Tips - 0.045 Single Wire (KP2744-045T)
- Drive Roll Kit 0.035-0.045 / 0.9-1.2mm (KP1696-1)
- Gas Regulator / Filter Assembly
- Gas Adapter
- (10) Protective Windows for Flex Lase™ 20 (KP5819-1)
- Focal Lens for Flex Lase™ 20 (KP5820-1)
- Fixed Welding Table
- On-cart CDRH Class 1 Laser Enclosure

Torchmate® 4400, 4800, 4505 and 4510 CNC Cutting Tables

(All tables include all necessary components to operate the system):

- Integrated touchscreen HMI
- Industrial grade user console with adjustable mounting arm
- Proprietary motion control system

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

Men's Standard Welding Gear Ready-Pak®
(K4416-M, K4416-L, K4416-XL, K4416-2XL, K4416-3XL)

- Lincoln Industrial Duffel Bag (K3096-1)
- VIKING™ Matte Black 1740 Series ADF Helmet (K3282-3)
- Traditional Khaki FR Cloth Welding Jacket (K3317-size)
- Traditional MIG/Stick Welding Gloves (K2979-ALL)
- Traditional Lincoln® Clear Safety Glasses (K3104-1)
- Leather TIG Welding Gloves (K2981-size)
- Radius® Straight Head Chipping Hammer (K4022-1)
- Radius® Welding Pliers (K4014-1)
- 3 x19 Carbon Steel Wire Brush (K3184-1)

Women's Standard Welding Gear Ready-Pak®
(K4416-W-XS, K4416-W-S, K4416-W-M, K4416-W-L, K4416-W-XL)

- Lincoln® Industrial Duffel Bag (K3096-1)
- VIKING™ Matte Black 1740 Series ADF Helmet (K3282-3)
- Traditional Khaki FR Cloth Welding Jacket (K3317-size)
- Women's MIG/Stick Welding Gloves (K3232-size)
- Traditional Clear Safety Glasses (K3104-1)
- Leather TIG Welding Gloves (K2981-size)
- Radius® Straight Head Chipping Hammer (K4022-1)
- Radius® Welding Pliers (K4014-1)
- 3 x19 Carbon Steel Wire Brush (K3184-1)

Men's Intermediate Education Welding Gear Ready-Pak®
(K4595-M, K4595-L, K4595-XL, K4595-2XL, K4595-3XL)

- VIKING™ 1840 Series ADF Black Welding Helmet (K3023-4)
- Traditional Split Leather-Sleeved Jacket – Black (K3106-size)
- Welders All-in-One Backpack (K3740-1)
- DynaMIG® HD Professional MIG Welding Gloves (K3750-1)
- Leather TIG Welding Gloves (K2981-size)
- Traditional Lincoln Clear Safety Glasses (K3104-1)
- OMNIShield® Clear Face Shield - Standard (K3750-1)
- Black and Red Welding Bandana/Doo Rag (K2993-ALL)
- Radius® Welding Pliers (K4014-1)
- Radius® Straight Head Chipping Hammer (K4022-1)
- Carbon Steel Wire Brush 4 x 16 Row (K3185-1)
- Weld Fillet Gauge Stainless Steel 7 Piece Set (K3720-1)
- Industrial C-Clamp (K3721-1)
- Industrial Tip Cleaner (K3724-1)
- Industrial Flint Striker (K3727-1)

Women's Intermediate Education Welding Gear Ready-Pak®
(K4595-W-XS, K4595-W-S, K4595-W-M, K4595-W-L, K4595-W-XL)

- VIKING™ 1840 Series ADF Black Welding Helmet (K3023-4)
- Traditional Split Leather-Sleeved Welding Jacket – Black (K3106-size)
- Welders All-In-One Backpack (K3740-1)
- Women's DynaMIG® HD Professional MIG Welding Gloves (K5472-size)
- Women's MIG/Stick Welding Gloves (K3232-size)
- Traditional Lincoln Clear Safety Glasses (K3104-1)
- OMNIShield® Clear Face Shield - Standard (K3750-1)
- Black and Red Welding Bandana/Doo Rag (K2993-ALL)
- Radius® Welding Pliers (K4014-1)
- Radius® Straight Head Chipping Hammer (K4022-1)
- Carbon Steel Wire Brush 4 x 16 Row (K3185-1)
- Weld Fillet Gauge Stainless Steel 7 Piece Set (K3720-1)
- Industrial C-Clamp (K3721-1)
- Industrial Tip Cleaner (K3724-1)
- Industrial Flint Striker (K3727-1)

Men's Advanced Welding Gear Ready-Pak®
(K3699-M, K3699-L, K3699-XL, K3699-2XL, K3699-3XL)

- Lincoln® Industrial Duffel Bag (K3096-1)
- VIKING™ Black 3350 Series ADF Welding Helmet (K3034-4)
- Shadow Split Leather Sleeved Welding Jacket (K2986-size)
- MX Premium TIG Welding Gloves (K5132-size)
- Premium 7 Series Stick/MIG Elkskin Gloves (K4787-size)
- XLR Half Mask P100 Welding Respirator (K4683-size)
- Axilite™ Clear Safety Glasses (K4673-1)
- OMNIShield™ Clear Face Shield (K3752-1)
- Lincoln® Camo Welding Bandana (K4825-ALL)
- Radius® Welding Pliers (K4014-1)
- Radius® Straight Head Chipping Hammer (K4022-1)
- Welding Wire 3-Pack Combo (K3189-1)
- 4 x16 Row Carbon Steel Wire Brush (K3185-1)
- Weld Fillet Gauge (K3720-1)

What's Included

Base Model/Unit Includes » Some base models include a set of specific standard accessories
One-Pak® » Assembly required
Ready-Pak® » Fully assembled

Women's Advanced Welding Gear Ready-Pak® (K3699-W-XS, K3699-W-S, K3699-W-M, K3699-W-L, K3699-W-XL)

- Lincoln® Industrial Duffle Bag (K3096-1)
- VIKING™ Black 3350 Series ADF Helmet (K3034-4)
- Women's Shadow FR Welding Jacket (K3114-size)
- MX Series Premium TIG Welding Gloves (K5132-size)
- Women's MIG/Stick Welding Gloves (K3232-size)
- XLR P100 Half Mask Welding Respirator (K4683-size)
- Axilite™ Clear Safety Glasses (K4673-1)
- OMNIShield™ Clear Face Shield (K3752-1)
- Lincoln® Camo Welding Bandana (K4825-ALL)
- Radius® Welding Pliers (K4014-1)
- Radius® Straight Head Chipping Hammer (K4022-1)
- Welding Wire Brush Combo 3-Pack (K3189-1)
- 4 x16 Row Carbon Steel Wire Brush (K3185-1)
- Weld Fillet Gauge Stainless Steel 7 Piece Set (K3720-1)

Premium Welding Gear Ready-Pak® (K3715-M, K3715-L, K3715-XL, K3715-2XL, K3715-3XL)

- Welder's 2-in-1 Dufflepack (K4799-1)
- VIKING™ 3350 ADV Black Welding Helmet (K3034-5)
- XVI Series Heavy Duty Split Leather Welding Jacket (K4933-size)
- MX Series Premium TIG Welding Gloves (K5132-size)
- MX Series Premium A4 Cut Resistant MIG Gloves (K5131-size)
- Arc Rated Welding T-Shirt (K5267-size)
- Axilite™ Clear Safety Glasses (K4673-1)
- OMNIShield™ XC Face Shield (K3752-2)
- XLR P100 Half Mask Welding Respirator (K4683-S)
- Welding Bandana – Lincoln® Camo (K4825-ALL)
- Radius® Welding Pliers (K4014-1)
- Radius® Straight Head Chipping Hammer (K4022-1)
- Weld Fillet Gage Stainless Steel 7-Piece Set (K3720-1)
- 4 x16 Carbon Steel Wire Brush (K3185-1)
- Industrial C-Clamp (K3721-1)
- Industrial Tip Cleaner (K3724-1)
- Flat Soap Stone Holder with 1 Soap Stone (K3725-1)

Standalone Welding Booths

Weld Booth, 5 ft. (1.5 m) Standalone, Side-by-Side Starter (K5737-1)

- Three Booth Walls (One complete weld booth)

Weld Booth, 5 ft. (1.5 m) Side-by-Side Add-On (K5737-2)

- Two Booth Walls

Weld Booth, 5 ft. (1.5 m) Back-to-Back Standalone Starter (K5737-3)

- Five Booth Walls (Two complete weld booths laid out back-to-back)

Weld Booth, 5 ft. (1.5 m) Back-to-Back Add-On (K5737-4)

- Three Booth Walls

Welding Booth Curtain Kits

Base Model (K5249-1, K5249-2, K5249-3, K5249-4, K5249-4, K5249-5)

- Welding Screens
- Mounting Brackets
- Hardware

Welding Booth Light Kits

LED Light Kit for 4, 5, & 6 ft Welding Booths (K5899-1)

- For 4 ft. (1.2 m), 5 ft. (1.5 m), & 6ft. (1.8m) wide booths.
- Two LED Light Bars
- Mounting Hardware
- 9 ft Connecting Cables
- On/Off Switch

LED Light Kit for 7 and 8 ft. Welding Booths (K5899-2)

- For 7 ft. (2.1 m) and wider
- Two LED Light Bars
- Mounting Hardware
- 12 ft. Connecting Cables
- On/Off Switch



DRIVE AND CABLE ACCESSORIES

Accessories

Feed Plate Gun Adapters

FEED PLATE GUN ADAPTERS COMPATIBLE WITH 10-SERIES, LF-SERIES, LN-25® PRO, PF25M, ACTIV8X® AND LN-25X® FEEDERS

K1500-1	K1500-2*	K1500-3	K1500-4	K1500-5	Magnum® PRO Fast-Mate™
for Lincoln Electric gun power pins Compatible Gun Connector Kits K466-1 K613-1 K613-6 K466-8	**for Tweco® #2 - #4 gun power pins** Compatible Gun Connector Kits K466-10 K466-2 K466-6	**for Tweco® #5 gun power pins** Compatible Gun Connector Kits K613-7 K613-2	**for Miller® Electric gun power pins** Compatible Gun Connector Kits K466-3 K613-3	**for OXO® gun power pins**	Compatible Gun Connector Kits K489-7 (10-series, LF-series, LN-25® PRO) K489-1 (LN-7, 8, 9) K489-2 (LN-25®) K489-8 (POWER MIG® with 250L guns)
					

FEED PLATE GUN ADAPTERS COMPATIBLE WITH FLEX FEED®, POWER FEED®, AND PIPEFAB® SERIES FEEDERS

K3344-1	K3345-1*	K3346-1	K3347-1	K3348-1	K3349-1
For Lincoln Electric gun power pins Compatible Gun Connector Kits K466-1 K613-1 K613-6 K466-8	**for Tweco® #2 - #4 gun power pins** Compatible Gun Connector Kits K466-10 K466-2 K466-6	**for Tweco® #5 gun power pin** Compatible Gun Connector Kits K613-7 K613-2	**for Miller® Electric gun power pins** Compatible Gun Connector Kits K466-3 K613-3	**for OXO® gun power pins**	**Magnum® Fast-Mate™** Requires use of K3345-1
					

*installed as standard in Lincoln wire feeders

Feed Plate Gun Adapters » Tweco® is a registered trademark of Victor Technologies. Miller® and OXO® is a registered trademark of Miller Electric Mfg. Co.

Accessories

Weld Power Cables

Product Name	Product Number	Description	Connection	Length ft (m)
Weld Power Cables 	K1840-10	Weld Power Cable, 1/0, 350A, 60% duty cycle	Twist Mate™ to Lug	10 (3.1)
	K1842-10	Weld Power Cable, 3/0, 600A, 60% duty cycle	Lug to Lug	10 (3.1)
	K1842-35			35 (10.7)
	K1842-60			60 (18.3)
	K1842-110	Weld Power Cable, 4/0, 600A, 60% duty cycle		110 (33.5)
	K1841-25	Weld Power Cable, 1/0, 350A, 60% duty cycle	Twist Mate™ to Twist Mate™	25 (7.6)
	K1841-50	Weld Power Cable, 2/0, 350A, 60% duty cycle		50 (15.2)
	K2163-35[1]	Weld Power Cable, 4/0	Lug to Lug	35 (10.7)
	K2163-60[1]			60 (18.3)
	K1796-25	Coaxial Weld Power Cable, 1/0, 350A, 60% duty cycle	Lug to Lug	25 (7.6)
	K1796-50			50 (15.2)
	K1796-75	Coaxial Weld Power Cable, 1/0, 325A, 60% duty cycle		75 (22.8)
	K1796-100	Coaxial Weld Power Cable, 1/0, 300A, 60% duty cycle		
	K2484-3	Weld Power Cable, 3/0, 600A, 60% duty cycle	Tweco® Male to Lug	50 (15.2)
	K2485-3	Weld Power Cable, 3/0, 600A, 60% duty cycle	Tweco® to Tweco®	50 (15.2)

Weld Cable Connectors

Product Name	Product Number	Description
Plug 	K852-25	Twist Mate™ Plug for #6 - #4 Cable
	K852-50	Twist Mate™ Plug for #2 - #1 Cable
	K852-70	Twist Mate™ Plug for 1/0 & 2/0 Cable
	K852-95	Twist Mate™ Plug for 2/0 & 3/0 Cable
	K3416-70	Tweco® Plug for 1/0 & 2/0 Cable
	K3416-90	Tweco® Plug for 3/0 & 4/0 Cable
Receptacle 	K1759-70	Twist Mate™ Receptacle for 1/0 & 2/0 Cable
	K1759-95	Twist Mate™ Receptacle for 2/0 & 3/0 Cable
	K3417-70	Tweco® Receptacle for 1/0 & 2/0 Cable
	K3417-90	Tweco® Receptacle for 3/0 & 4/0 Cable
Electrode Holder 	K909-6	T300 Electrode Holder (for DC Welder Only)
	K909-7	EH-305HD Electrode Holder, 300A, 60% Duty Cycle
	K909-8	EH-405HD Electrode Holder, 400A, 60% Duty Cycle
Ground Clamp 	K910-1	GC-300 Work Clamp, 300A, 60% Duty Cycle
	K910-2	GC-500 Work Clamp, 500A, 60% Duty Cycle
Other 	K2487-1	Insulated CT40FS, Tweco® to Lug

Weld Power Cables » [1]Two cables per package.

Accessories

Control Cables and Adapters

Product Name	Product Number	Description	Connection	Use	Length ft (m)
Wire Feeder Control Cables 	K1501-10	Wire Feeder Control Cable	Male 14-pin to Female 9-pin	LN-10, DH-10	10 (3.1)
	K1818-10		Male 14-pin to Female 6-pin	LN-7	10 (3.1)
	K1819-10		Male 14-pin to Female 8-pin	LN-742, LN-15	10 (3.1)
	K1820-10		Male 14-pin to Female 9-pin	LN-8, LN-9, NA-3, NA-4, NA-5	10 (3.1)
	K1822-25		—	LT-7	25 (7.6)
	K2393-1		Male 14-pin to Female 8-pin	LN-23P (K316L-2)	25 (7.6)
Extensions and Adapters 	K1797-10	Wire Feeder Control Cable Extension	Male 14-pin to Female 14-pin	May require K1501-10, K1818-10, K1819-10 or K1820-10, depending on the feeder. LN-15, Flex Feed®, LF-72™, LF-74, LN-25® PRO Dual Power	10 (3.1)
	K1797-25				25 (7.6)
	K1797-50				50 (15.2)
	K1797-100				100 (30.4)
	K1798	Adapter Cable Female 14-pin Control Cable to Terminal Strip of Power Source	Terminal Strip to Female 14-pin	—	—
ArcLink®/Linc-Net™ Control Cables 	K1543-8	ArcLink®/Linc-Net™ Control Cable	Male 5-pin to Female 5-pin	For Power Wave®/ Power Feed® Systems, Power Feed® 25M, Power Feed® 84	8 (2.4)
	K4483-8	Extended-Flex ArcLink® Control Cable			8 (2.4)
	K4483-16				16 (4.9)
	K4483-25				25 (7.6)
	K4483-50				50 (15.2)
	K4483-100				100 (30.4)
	K2683-25	Heavy Duty ArcLink®/Linc-Net™ Control Cable			25 (7.6)
	K2683-50				50 (15.2)
	K2683-100				100 (30.4)
Submerged Arc/Automation 	K1785-2	Heavy Duty Control Cable	Male 14-pin to Female 14-pin	For synchronizing Power Wave® AC/DC 1000® SD units and connecting MAXsa™ Feed Heads and MAXsa™ Controllers. For use between Power Wave® and the base of robot Dress-Out Kits, or robots with an integrated control cable. For connecting Control Unit to Wire Drive in LN-10, DH-10 Boom applications.	1.5 (0.46)
	K1785-4				4 (1.2)
	K1785-8				8 (2.4)
	K1785-12				12 (3.6)
	K1785-16				16 (4.9)
	K1785-25				25 (7.6)
	K1785-50				50 (15.2)
	K1785-100				100 (30.4)
	K2709-25	Wire Drive Control Cable	Male 14-pin to Female 14-pin	For external dress of FANUC® robotic arm or hard automation.	25 (7.6)
	K2709-50				50 (15.2)
	K2709-100				100 (30.4)

Accessories » Drive Roll and Wire Guide Kits

Product Name	Product Number	Description/ Wire Size, in (mm)	Wire Feeders
2-ROLL WIRE DRIVE SYSTEMS			
Solid Wire (includes stainless steel) 	KP1696-030S	0.023-0.030 (0.6-0.8)	Activ8X®
	KP1696-035S	0.035 (0.9)	Activ8X® Pipe
	KP1696-1	0.035, 0.045 (0.9, 1.2)	LF-72
	KP1696-2	0.040 (1.0)	LN-25 PRO®
	KP1696-045S	0.045 (1.2)	LN-25 PRO® Dual Power
	KP1696-052S	0.052 (1.4)	
	KP1696-1/16S	1/16 (1.6)	LN-25X®
Cored Wire 	KP1697-035C	0.030-0.035 (0.8-0.9)	Power Feed® 25M
	KP1697-045C	0.040-0.045 (1.0-1.2)	POWER MIG® 216
	KP1697-052C	0.052 (1.4)	POWER MIG® 256
	KP1697-1/16C	1/16 (1.6)	POWER MIG® 360MP
	KP1697-068	0.068-0.072 (1.7-1.8)	
	KP1697-5/64	5/64 (2.0)	Power Wave® 300C
	KP1697-3/32[1]	3/32 (2.4)	
Aluminum Wire 	KP1695-035A	0.035 (0.9)	
	KP1695-040A	0.040 (1.0)	
	KP1695-3/64A	3/64 (1.2)	
	KP1695-1/16A	1/16 (1.6)	
Solid Wire 	KP2529-1	0.025/0.030 (0.6/0.8)	POWER MIG® 140C
	KP2529-2	0.035 (0.9)	POWER MIG® 180C
Cored Wire 	KP2529-3	0.030/0.045 (0.8/ 1.2)	POWER MIG® 180 Dual POWER MIG® 210 MP

Product Name	Product Number	Description/ Wire Size, in (mm)	Wire Feeders
4-ROLL WIRE DRIVE SYSTEMS			
Solid Wire	KP4335-035S	0.035 (0.9)	AutoDrive® S and AutoDrive® SA Push Feeder
	KP4335-040S	0.040 (1.0)	
	KP4335-045S	0.045 (1.2)	
Aluminum Wire	KP4335-035A	0.035 (0.9)	
	KP4335-364A	3/64 (1.2)	
	KP4335-116A	1/16 (1.6)	
Aluminum Wire	KP4414-035A	0.035 (0.9)	AutoDrive® SA Pull Feeder
	KP4414-364A	3/64 (1.2)	
	KP4414-116A	1/16 (1.6)	
Solid Wire	KP4413-035S	0.035 (0.9)	Drive Roll Kit
	KP4413-040S	0.040 (1.0)	
	KP4413-045S	0.045 (1.2)	

Product Name	Product Number	Description/ Wire Size, in (mm)	Wire Feeders
4-ROLL WIRE DRIVE SYSTEMS			
Solid Wire, Smooth V Groove 	KP1505-030S	0.023-0.030 (0.6-0.8)	AutoDrive® 4R100
	KP1505-035S	0.035 (0.9)	AutoDrive® 4R200
	KP1505-040S	0.040 (1.0)	DH-10
	KP1505-045S	0.045 (1.2)	Flex Feed® 74 HT
	KP1505-052S	0.052 (1.4)	Flex Feed® 84 Single
	KP1505-1/16S	1/16 (1.6)	
	KP1505-1	0.035, 0.045 (0.9, 1.2)	Flex Feed® 84 Dual
Cored Steel Wire, Knurled V Groove (Knurled V Groove with matching Smooth U Groove) 	KP1505-035C	0.030-0.035 (0.8-0.9)	LF-74
	KP1505-045C	0.040-0.045 (1.0-1.2)	LN-10
	KP1505-052C[3]	0.052 (1.4)	Power Feed® 10M
	KP1505-1/16C[3]	1/16 (1.6)	Power Feed® 10M Dual
	KP1505-7/64H[2][3]	7/64 (2.8) Hardfacing	Power Feed® 10R
Cored or Solid Steel Wire, Knurled V Groove 	KP1505-035C	0.030-0.035 (0.8-0.9)	Power Feed® 84 Single
	KP1505-045C	0.040-0.045 (1.0-1.2)	Power Feed® 84 Dual
	KP1505-052C[3]	0.052 (1.4)	PipeFab® Feeder
	KP1505-1/16C[3]	1/16 (1.6)	
	KP1505-068[3]	0.068-0.072 (1.7-1.8)	
	KP1505-5/64[3]	5/64 (2.0)	
	KP1505-3/32[3]	3/32 (2.4)	
	KP1505-7/64[2][3]	7/64 (2.8)	
	KP1505-120[2][3]	0.120 (3.2)	
Hardfacing Wires, Knurled, Smooth V Groove 	KP1505-7/64H[2][3]	7/64 (2.8) Hardfacing	
Aluminum Wire, Smooth U Groove 	KP1507-035A	0.035 (0.9)	
	KP1507-040A	0.040 (1.0)	
	KP1507-3/64A	3/64 (1.2)	
	KP1507-1/16A[3]	1/16 (1.6)	
	KP1507-3/32A[2]	3/32 (2.4)	
Solid Wire, Extended Life	KP1505-035R	0.035 (0.9)	
	KP1505-040R	0.040 (1.0)	
	KP1505-045R	0.045 (1.2)	
	KP1505-052R	0.052 (1.4)	

[1]Not for use with the LF-72. [2]Not for use with the LF-74. [3]Not for use with the AutoDrive® 4R100.

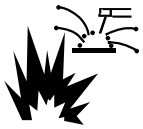
Accessories » Drive Roll and Guide Tube Kits

Product Name	Product Number	Description/ Wire Size, in (mm)	Wire Feeders
2-ROLL WIRE DRIVE SYSTEMS			
Solid Wire 	KP653-025S	0.023-0.025 (0.6-0.6)	LN-7 GMA
	KP653-030S	0.030 (0.8)	LN-23P
	KP653-035S	0.035-0.040 (0.9-1.0)	LN-25®
	KP653-052S	0.045-0.052 (1.2-1.4)	
Cored Wire 	KP653-035C	0.035 (0.9)	
	KP653-052C	0.045-0.052 (1.2-1.4)	
Solid or Cored Wire 	KP653-1/16	1/16 (1.6)	
	KP653-3/32[2]	0.068-3/32 (1.7-2.4)	
Hardfacing	KP653-7/64H[1]	7/64 (2.8)	
Aluminum Wire 	KP654-035A	0.035 (0.9)	
	KP654-3/64A	3/64 (1.2)	
	KP654-1/16A	1/16 (1.6)	
Solid Wire	KP502-052	0.040, 0.045-0.052 (1.0, 1.2-1.4)	LN-8
	KP502-1/16	1/16 (1.6)	LN-9
Cored Wire	KP502-052C	0.045-0.052 (1.0-1.4)	
	KP502-1/16C	1/16-0.062 (1.6-1.6)	
	KP502-120	7/64-0.120 (2.8-3.0)	
Solid or Cored Wire	KP502-3/32	0.068-3/32 (1.7-2.4)	
Hardfacing	KP502-7/64H	7/64 (2.8)	

Product Name	Product Number	Description/ Wire Size, in (mm)	Wire Feeders
2-ROLL WIRE DRIVE SYSTEMS			
Solid Wire Drive Roll 	KP1899-1	3/32-7/32 (2.4-5.6)	NA-3S
	KP1899-2	1/16, 5/64, 3/32 (1.6, 2.0, 2.4)	NA-4
	KP1899-3	0.035, 0.045, 0.052 (0.9, 1.2, 1.4)	NA-5
Cored Wire Drive Roll	KP1899-4	0.045-0.052 (1.0-1.4)	MAXsa®
Knurled Drive Roll 	KP1885-1	3/32-7/32 (2.4-5.6)	
	KP1886-1	1/16-3/32 (1.6-2.4)	
Outgoing Guide	KP1963-1	3/32-7/32 (2.4-5.6)	
Incoming Guide	KP2116-2	3/32-7/32 (2.4-5.6)	
Knurled drive Roll for LT-7	KP2268-1	0.052-1/16 (1.2-1.6)	
	KP2268-2	0.068-3/32 (1.7-2.4)	
	KP2268-3	3/32-3/16 (2.4-4.7)	
Outgoing Guide for LT-7	KP1985-1	3/32-3/16 (2.4-4.7)	
Incoming Guide for LT-7	KP1984-1	0.068-3/16 (1.7-4.7)	

[1]Not for use with the LN-25 PRO® and LN-25 PRO® Dual Power. [2]For LN-7 only.

Welding Safety Checklist

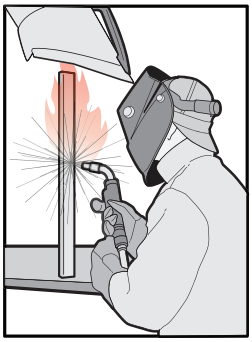
Hazard	Factors To Consider	Precaution Summary
Electric Shock Can Kill 	· Wetness · Welder in or on workpiece · Electrode holder and cable insulation	· Insulate welder from workpiece and ground using dry insulation, rubber mat or dry wood. · Wear dry, hole-free gloves. (Change as necessary to keep dry.) · Do not touch electrically "hot" parts or electrode with bare skin or wet clothing · If wet area and welder cannot be insulated from workpiece with dry insulation, use a semiautomatic, constant-voltage welder or stick welder with voltage reducing device. · Keep electrode holder and cable insulation in good condition. Do not use if insulation is damaged or missing.
Fumes and Gases Can Be Dangerous 	· Confined area · Positioning of welder's head · Lack of General ventilation · Electrode types (i.e.: manganese, chromium, etc. – see SDS)	· Use ventilation or exhaust to keep air breathing zone clear, comfortable. · Use helmet and positioning of head to keep fumes clear of the breathing zone. · Read warnings on electrode container and Safety Data Sheet (SDS) for electrode · Provide adequate ventilation to ensure airborne exposures remain below applicable limits. · Use special care when welding in a confined area. · Do not weld unless ventilation is adequate. · Use a respirator unless exposure assessments indicate otherwise.
Welding Sparks Can Cause Fire or Explosion 	· Containers which have held combustibles · Flammable materials	· Do not weld on containers which have held combustible materials (unless strict AWS F4.1 procedures are followed). Check before welding. · Remove flammable materials from welding area or shield from sparks, heat. · Keep a fire watch in area during and after welding. · Wear fire retardant clothing and hat. Use earplugs when welding overhead.
Arc Rays Can Burn Eyes and Skin 	· Process: Gas-shielded arc most severe	· Select a filter lens which is adequate for your welding process under ANSI Z49.1, Section 4. · Always use helmet when welding. · Provide non-flammable shielding to protect others. · Wear clothing which protects skin while welding.

Arc Welding Fumes and Gases

The **fume plume** contains solid particles from the consumables, base metal, and base metal coating. For common mild steel arc welding, depending on the amount and length of exposure to these fumes, most immediate or short-term effects are temporary, and include symptoms of burning eyes and skin, dizziness, nausea, and fever. Long-term exposure to welding fumes can lead to siderosis (iron deposits in the lungs) and may affect pulmonary function. Bronchitis and some lung fibrosis have been reported.

Some compounds that may be in welding fume, and reported health effects of overexposure are below. See the SDS for the consumable product used for specific information.

- **Barium** may cause severe stomach pain, slow pulse rate; irregular heartbeat, ringing of the ears, convulsion and muscle spasms. In extreme cases, can cause death.
- **Cadmium** fumes can be fatal even under brief overexposures, with symptoms much like metal fume fever.
- **Chromium** and its compounds are on the IARC (International Agency for Research on Cancer) and NTP (National Toxicology Program) lists as posing a cancer risk to humans. Some forms of these metals are known or suspected to cause lung cancer in processes other than welding and asthma has been reported.
- **Manganese:** Manganese overexposure may affect the central nervous system, resulting in poor coordination, difficulty in speaking, and tremor of arms or legs. This condition is considered irreversible.
- **Nickel:** Nickel and its compounds are on the IARC (International Agency for Research on Cancer) and NTP (National Toxicology Program) lists as posing a cancer risk to humans.
- **Silica:** Overexposure can cause severe lung damage (silicosis). Crystalline silica is present in submerged arc flux.
- **Zinc:** Overexposure to zinc may cause metal fume fever with symptoms similar to the common flu.



Your work area has adequate ventilation when there is enough ventilation and/or exhaust to control worker exposure to hazardous materials in the welding fumes and gases so the applicable limits for those materials is not exceeded. See the SDS for the legal limits, the OSHA PEL (Permissible Exposure Limit), and the recommended guideline, the ACGIH TLV (Threshold Limit Value). Confirm the worker's exposure does not exceed the applicable exposure limit for compounds in the fumes and gases by having an industrial hygienist take and analyze a sample of the breathing air. A respirator may be required if exposure cannot be controlled to the PEL or TLV.

Read the product label and Material Safety Data sheet for the electrode posted in the work place or in the electrode or flux container to see what fumes can be reasonably expected from use of the product and to determine if special ventilation is needed. Know what the base metal is and determine if there is any paint, plating, or coating that could expose you to toxic fumes and/or gases. Remove it from the metal being welded, if possible.

If you start to feel uncomfortable, dizzy or nauseous, you may be overexposed to fumes and gases, or suffering from oxygen deficiency. Stop welding and get some fresh air immediately. Notify your supervisor and co-workers so the situation can be corrected and other workers can avoid the hazard. Be sure you are following these safe practices, the consumable labeling and SDS and improve the ventilation in your area. Do not continue welding until the situation has been corrected.

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