

PRODUCT CATALOGUE

Welding & Cutting
EQUIPMENT

2023

www.lincolnelectric.eu



SAF-FRO[®]

DIGISTEEL S RANGE

Reliable Workhorses
































DIGISTEEL S RANGE i355S, i425S, i505S

- Complete solution for **Industrial** users
- New **heavy duty design**
- Innovative User Interface with **ArcFX™** technology
- Low energy consumption compliant with upcoming **ECO design** regulations
- Optional **Cool Arc®26** supports water cooled guns

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PICTOGRAM MEANING

	Single phase input power		For constant current stick and TIG processes		15-110 Volt DC Wire feeder input power		Plastic spool S300		Motor generator compatible
	Three phase input power		For constant voltage MIG, flux-cored and subarc processes		40 Volt DC Wire feeder input power		Plastic spool S200		Internal Compressor
	Single or three phase input power		For multi-process constant current or constant voltage applications		115 Volt input		Synergic setting		Cable length: 70 m LONG : 70 m SECTION : 3 x 2.5 mm ²
	Direct current welding output		24-42 Volt AC Wire feeder input power		230 Volt input		Power factor control		Water Cooling
	Alternating or direct current welding output		34-44 Volt AC Wire feeder input power		CrossLinc® Technology		2-Roll Wire Feeder		Voltage Reduction Device™
	50/60 Hz input power		42 Volt AC Wire feeder input power		STT process capability		4-Roll Wire Feeder		



MIG & MULTI PROCESS INVERTER WELDERS

MIG & MULTI PROCESS INVERTER WELDERS

MODEL	REFERENCE	INPUT		OUTPUT			PROCESS							FEATURES						
		Phase (50/60 Hz)	Voltage (V)	Rated Output (A)	Current Range (A)	Mode	Polarity	GMAW	PULSE	FCAW-G	FCAW-S	SMAW	CAG (Gouging)	DC TIG Lift	Wire Drive System	Max wire spool size (mm)	Synergic	V/A metres	Warranty (years)	
MIG Inverter Welders																				
FILCORD i250	W100000315	3	400	250A/35%	50-250	CC/CV	DC	•	•	•	•	•	•	4R	300	•	•	•	2	
FILCORD i300	W100000316	3	400	300A/35%	50-300	CC/CV	DC	•	•	•	•	•	•	4R	300	•	•	•	2	
DIGISTEEL 250C PACK	W100000090-1	3	400	250A/60%	10-250	CC/CV	DC	•	•	•	•	•	•	4R	300	•	•	•	3	
DIGISTEEL 320C PACK	W100000092-1	3	400	320A/40%	10-320	CC/CV	DC	•	•	•	•	•	•	4R	300	•	•	•	3	
DIGISTEEL 250C PRO PACK	W100000091-1	3	400	250A/60%	10-250	CC/CV	DC	•	•	•	•	•	•	4R	300	•	•	•	3	
DIGISTEEL 320C PRO PACK	W100000093-1	3	400	320A/40%	10-320	CC/CV	DC	•	•	•	•	•	•	4R	300	•	•	•	3	
DIGISTEEL 380C AIR PACK	W100000094-1	3	400	380A/40%	10-380	CC/CV	DC	•	•	•	•	•	•	4R	300	•	•	•	3	
DIGISTEEL 450C AIR PACK	W100000095-1	3	400	450A/80%	10-450	CC/CV	DC	•	•	•	•	•	•	4R	300	•	•	•	3	
DIGISTEEL 380C WATER PACK	W100000094-2	3	400	380A/40%	10-380	CC/CV	DC	•	•	•	•	•	•	4R	300	•	•	•	3	
DIGISTEEL 450C WATER PACK	W100000095-2	3	400	450A/80%	10-450	CC/CV	DC	•	•	•	•	•	•	4R	300	•	•	•	3	
DIGISTEEL 355S	W000404454	3	400	350A/50%	20-350	CC/CV	DC	•	•	•	•	•	•			•	•	•	3	
DIGISTEEL 425S	W000404455	3	400	420A/100%	20-420	CC/CV	DC	•	•	•	•	•	•			•	•	•	3	
DIGISTEEL 505S	W000404456	3	400	500A/60%	20-500	CC/CV	DC	•	•	•	•	•	•			•	•	•	3	
Multi Process Inverter Welders																				
PRESTOMIG 185MP	W000403577	1	230	200A/25%	20-200	CC/CV	DC	•	•	•	•	•	•	•	2R	200	•	•	•	2
PRESTOMIG 210MP	W000403576	1	115/230	200A/25%	20-200	CC/CV	DC	•	•	•	•	•	•	•	2R	200	•	•	•	2
DIGIPULS III 320C	W000385050	3	400	320A/40%	15-320	CC/CV	DC	•	•	•	•	•	•	4R	300	•	•	•	3	
DIGIPULS III 420	W000383661	3	400	420A/60%	15-420	CC/CV	DC	•	•	•	•	•	•			•	•	•	3	
DIGIPULS III 520	W000383662	3	400	500A/60%	15-500	CC/CV	DC	•	•	•	•	•	•			•	•	•	3	

ADVANCED PROCESS WELDERS

MODEL	REFERENCE	INPUT		OUTPUT			PROCESS							FEATURES						
		Phases	Voltage (V)	Rated output	Current range	Mode	Polarity	GMAW	PULSE	FCAW-G	FCAW-S	SMAW	Gouging	DC TIG Lift	Wire Drive System	Max wire spool size (mm)	Synergic	V/A metres	Warranty	
Advanced Process Welders																				
DIGIWAVE III 420	W000384989	3	400	420A/60%	15-420	CC/CV	•	•	•	•	•	•	•	•	4R	300	•	•	•	3
DIGIWAVE III 520	W000384990	3	400	500A/60%	15-500	CC/CV	•	•	•	•	•	•	•	•	4R	300	•	•	•	3

FILCORD i250 & i300

NEW

So simple, so effective.

- Good arc performance
- Synergic and Manual MIG/MAG and STICK process
- Easy settings and process selection
- Perfect feedability with 4-rolls wire drive
- Proven performance & quality

UNIT INCLUDES

Input cable (3 m) without plug
Ground cable (3 m)
Gas hose (2 m)
Rolls for 0.8 / 1.0 solid wire
USB with Operator's Manual



Processes

MIG, Flux-Cored, Stick

Applications

- General Fabrication
- Construction site
- Maintenance and Repair
- Light industry

Input



Output



Product	Reference	Input (V)	Fuse Type rG or Circuit Breaker Type Z	Rated Output	Output Range (A)	Wire Feed Type / Speed Range (m/min)	Weight (kg)	Dimensions H x W x D (mm)	Protection Class
FILCORD i250	W100000315	400V 3Ph ±10% 50/60Hz	16A	250A@35%, 175A@100%	50-250	4R / 1.5-18	50	760 x 395 x 830	IP23
FILCORD i300	W100000316			300A@35%, 175A@100%	50-300				

DIGISTEEL 250C & 320C PACK

MIG welder ready for tomorrow.

- Premium arc performance with repeatable arc ignition, excellent arc stability and rapid parameter adjustment.
- Synergic and Manual MIG/MAG and STICK processes.
- Innovative, intuitive interface: simple navigation, easy settings and process selection.
- Perfect feedability: optimised wire positioning, four driven rolls and inspection window.
- Designed with welders for welders: perfect handling, innovative and easy communication.
- Ready for the heaviest industrial conditions: developed and tested under the hardest conditions (TRUE HD) to *guarantee the reliability you need.

UNIT INCLUDES

LincGun® Promig™ 4m
Input cable (5 m)
Ground cable (3 m)
Gas hose (2 m)
Rolls 1.0 / 1.2 for solid wire
USB with Operator's Manual



DIGISTEEL 250C
+
LINCUN® PROMIG™ 270 4m

DIGISTEEL 320C
+
LINCUN® PROMIG™ 300 4m

Processes

MIG, Flux-Cored, Stick

Applications

- General Fabrication
- Construction site
- Maintenance and Repair
- Light industry

Input



Output



Product	Reference	Input (V)	Fuse Type rG or Circuit Breaker Type Z	Rated Output	Output Range (A)	Wire Feed Type / Speed Range (m/min)	Weight (kg)	Dimensions H x W x D (mm)	Protection Class	Pack includes
DIGISTEEL 250C PACK	W100000090-1	400V 3Ph ±15% 50/60 Hz	16A	250A@60%	10-250	4R / 1-20	69	878 x 560 x 935	IP23	LincGun® Promig™ 270 4m (W000345061-2)
DIGISTEEL 320C PACK	W100000092-1		20A	320A@40%	10-320					LincGun® Promig™ 300 4m (W000345067-2)

DIGISTEEL 250C, 320C, 380C, 450C PRO PACK

MIG welder ready for tomorrow.

- NEW features: Date&Calendar, Speaker and stronger encoders.
- Premium arc performance with repeatable arc ignition, excellent arc stability and rapid parameter adjustment.
- MIG/MAG and stick processes.
- Innovative, intuitive interface: easy settings, simple navigation, multi-language.
- Fully featured Synergic and Manual MIG, Auto settings, adjustable functions, Memory, TFT 7' colour screen, USB connectivity.
- Perfect feedability: optimised wire positioning, four driven rolls and inspection window.
- Water version: installed COOL ARC® 26 cooler (380C, 450C Water Pack version).
- Designed with welders for welders: perfect handling, innovative and easy communication.
- Ready for the heaviest industrial conditions: developed and tested under the hardest conditions (TRUE HD) to guarantee the reliability you need.

UNIT INCLUDES: LincGun® Promig™ 4m (all versions), Coolarc®- 26 and Freezcool (only 380C, 450C Water Pack version), Input cable (5 m), Ground cable (3 m), Gas hose (2 m), Rolls 1.0 / 1.2 for solid wire, USB with Operator's Manual, Control panel cover (380C, 450C)

Processes

MIG, Flux-Cored, Stick.
CAG (only 450C)

Applications

- General Fabrication
- Construction site
- Maintenance and Repair
- Light industry

Input



Output



MIG & MULTI PROCESS INVERTER WELDERS

DIGISTEEL 250C & 320C PRO PACK

DIGISTEEL 250C PRO
+
LINCUN® PROMIG™ 270 4m



DIGISTEEL 320C PRO
+
LINCUN® PROMIG™ 300 4m



WARRANTY
3
YEARS

DIGISTEEL 380C, 450C PRO AIR PACK

DIGISTEEL 380C PRO
+
LINCUN® PROMIG™ 300 4m



DIGISTEEL 450C
+
LINCUN® PROMIG™ 400 4m

DIGISTEEL 380C, 450C PRO WATER PACK

DIGISTEEL 380C PRO
+
LINCUN® PROMIG™ 330W 4m
COOLARC®-26
FREEZCOOL



DIGISTEEL 450C PRO
+
LINCUN® PROMIG™ 400W 4m
COOLARC®-26
FREEZCOOL

Product	Reference	Input (V)	Fuse Type rG or Circuit Breaker Type Z	Rated Output	Output Range (A)	Wire Feed Type / Speed Range (m/min)	Weight (kg)	Dimensions H x W x D (mm)	Protection Class	Pack includes:
DIGISTEEL 250C PRO PACK	W100000091-1	400V 3Ph ±15% 50/60 Hz	16A	250A@60%	10-250	4R / 1-20	70	560 x 935 x 878	IP23	LincGun® Promig™ 270 4m (W000345061-2)
DIGISTEEL 320C PRO PACK	W100000093-1		20A	320A@40%	10-320					LincGun® Promig™ 300 4m (W000345067-2)
DIGISTEEL 380C AIR PACK	W100000094-1		25A	380A@40%	10-380		LincGun® Promig™ 300 4m (W000345067-2)			
DIGISTEEL 450C AIR PACK	W100000095-1		32A	450A@80%	10-450		LincGun® Promig™ 400 4m (W000345073-2)			
DIGISTEEL 380C WATER PACK	W100000094-2		25A	380A@40%	10-380		LincGun® Promig™ 330W 4m (W000345064-2), Coolarc®-26 (K14182-1), Freezcool (W000010167)			
DIGISTEEL 450C WATER PACK	W100000095-2		32A	450A@80%	10-450		LincGun® Promig™ 400W 4m (W000345070-2), Coolarc®-26 (K14182-1), Freezcool (W000010167)			



PowerPacks

**Premium match
with perfect pricing!**

From now on all newly manufactured Digisteel machines are equipped with Lincoln Electric Premium MIG guns LINGUN® PROMIG™ and offered as READY-PACKS*. Water Cooled version available – PACK includes cooler installed and coolant!

Our new READY-PACKS are the perfect set to maximize your welding performance at an attractive price.



DIGISTEEL 355S, 425S & 505S

High output, reliable industrial machine.

- Premium welding behavior on CV MIG & Stick welding.
- Ready for the heaviest industrial conditions.
- Synergic capability (with WF 56D).
- Optimized ergonomics, Lincoln reliability (True HD).
- Water cooled version (COOL ARC® 26 as an option).



Processes

MIG, Flux-Cored, Stick, Innershield, Gouging

Applications

- Heavy Fabrication
- Structural
- General Fabrication
- Shipbuilding

Input



Output



UNIT INCLUDES

- Input cable (5 m)
- Work clamp and cable assembly (3 m)
- Gas hose (2 m)
- Chain
- USB stick with Operator's Manual



Product	Reference	Input (V)	Fuse Type rG or Circuit Breaker Type Z	Rated Output (A)	Output Range (A)	Efficiency	Idle Power	Weight (kg)	Dimensions H x W x D (mm)	Protection Class
DIGISTEEL 355S	W000404454	400V 3Ph ±15% 50/60 Hz	25A	350A@50%, 300A@100%	20-350	> 85%	< 35W	68	932 x 560 x 925	IP23
DIGISTEEL 425S	W000404455		32A	420A@100%	20-420			78		
DIGISTEEL 505S	W000404456			500A@60%, 420A@100%	20-500			79		

COMPATIBLE FEEDERS *

Product	Reference	DIGISTEEL 355S	DIGISTEEL 425S	DIGISTEEL 505S
WF 52D	W100000176	•	•	•
WF 56D	W100000177	•	•	•

* see chapter "SEMI-AUTOMATIC WIRE FEEDERS" for details

LINCOLN RELIABILITY OPTIMIZED ERGONOMICS

MIG & MULTI PROCESS INVERTER WELDERS



Gun Holder: always at hand, ready to work



Lifting eye

Front UI protection cover
keep your UI safe



RC7 Advanced
also when using welding gloves



Simple navigation
also when using welding gloves



Cable Management System (option)



Cable connections on front (in standard) and back rear side (in option). Strain relievers on both ends to keep connections well protected.



Full access for wire spool installation
Perfect feedability with 4 rolls and internal lights.



Inspection window

COOL ARC® 26 (option)



Heavy duty undercarriage with big wheels

Very solid, stable, metal made construction, low gas cylinder entry makes loading very easy.

Rubber bumpers protecting feet

PRESTOMIG 185MP & 210MP

Many tasks, many locations.

- Innovative, robust, compact, portable and lightweight design ready to be used anywhere.
- Multiple Tasks PRESTOMIG 185MP: CV MIG, FCAW, Stick \ PRESTOMIG 210MP: CV MIG, CV Synergic, FCAW, Stick, TIG Lift.
- Power Factor Correction (PFC) – more welding power, energy and cost savings, generator compatible.
- User-friendly icon control panel.
- With complete two year parts and labour warranty.



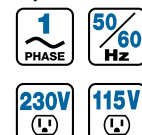
Processes

Stick, Flux-Cored, Lift TIG (210MP), MIG

Applications

- Small workshops
- Light steel construction
- General repairs
- Maintenance workshops

Input



* only Prestomig 210MP

Output



UNIT INCLUDES

- Input cable (2,2 m)
- Ground cable (3 m)
- Gas hose (2 m)
- Drive rolls (0,8-1,0 mm)

Product	Reference	Input (V)	Fuse Type rG or Circuit Breaker Type Z	Rated Output (A)	Output Range (A)	Wire Feed Type / Speed Range (m/min)	Weight (kg)	Dimensions H x W x D (mm)	Protection Class
PRESTOMIG 185MP	W000403577	230V/1Ph 50/60 Hz	16A (25A)	200/24V/25%	20-200	2R / 1,5-15	17,3	396 x 246 x 527	IP23
PRESTOMIG 210MP	W000403576	115/230V/1Ph 50/60 Hz							

DIGIPULS III 320C

Robust and reliable, multi-process, compact, industrial inverter with Pulse mode.

- User-friendly control panel: easy settings and process selection.
- Technological advance: 99 programs that can be used with the trigger, welding cycle sequencer.
- Ready for the heaviest industrial conditions: developed and tested under the hardest conditions to guarantee the reliability you need.
- Synergic mode – more than 99 synergic programs are available for precise control of welding parameters.
- Modular concept to meet all users' requirements.



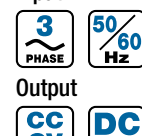
Processes

MIG, FCAW, Stick

Applications

- Metallic construction (on site and in workshop)
- Workshop & yard maintenance

Input



UNIT INCLUDES

- Input cable (5 m)
- Work clamp and cable assembly (5 m)
- Gas hose (2 m)
- Wire spool adapter (300 mm)

Product	Reference	Input (V)	Fuse Type rG or Circuit Breaker Type Z	Rated Output (A)	Output Range (A)	Feeding System	WFS Range (m/min)	Weight (kg)	Dimensions H x W x D (mm)	Protection Class
DIGIPULS III 320C	W000385050	400V 3Ph ±20% 50/60 Hz	20A	320A/30V/40%	15-320	4 rolls / 37 mm	0,5-25	28	755 x 300 x 523	IP23

DIGIPULS III 420 & 520

Superior quality welding with advanced processes and features.

- New inverter generation offering 30% less primary consumption regarding conventional equipment.
- User-friendly control panel: easy settings and process selection.
- More than 100 synergic lines for any base material.
- Powerful installation up to 500 A at 60%.
- Full A1 automatic interface. This level of synchronization does not require an additional card, for simpler automatization.
- Storage of 100 welding programs (with expert wire feeder DVU P500 or advanced remote control RC JOB).
- Call programs by trigger torch.

UNIT INCLUDES

Input cable (5 m)

Work clamp and cable assembly (5 m)



WARRANTY
3
YEARS

Processes

Standard MIG/MAG, Pulsed MIG/MAG, Special arc transfer, MIG brazing, MMA coated electrodes, Gouging (up to 6,3 mm diameter electrode)

Applications

- Heavy Fabrication
- Structural
- General Fabrication
- Shipbuilding

Input



Output



Product	Reference	Input (V)	Fuse Type rG or Circuit Breaker Type Z	Rated Output (A)	Output Range (A)	Weight (kg)	Dimensions H x W x D (mm)	Protection Class
DIGIPULS III 420	W000383661	400V 3Ph 50/60 Hz ±20%	25A	420A/60%	15-420	34	525 x 295 x 720	IP23
DIGIPULS III 520	W000383662		32A	500A/60%	15-500	40		

COMPATIBLE FEEDERS *

Product	Reference	DIGIPULS III 420	DIGIPULS III 520
DVU P400	W000275266	•	•
DVU P500	W000275267	•	•

* see chapter "SEMI-AUTOMATIC WIRE FEEDERS" for details

DIGIWAVE III 420 & 520

- Outstanding welding performance.
- Technology at your service.
- Ensure your productivity.
- Experience the future.
- Opt for the high-end range.
- High level automation.



WARRANTY
3
YEARS

Processes

MIG/MAG (solid & Flux Cored Wire; Carbon Steel, Stainless steel; Aluminium; Inconel, Duplex & special wire; CuAl & CuSi wire; Ø 0,6-1,6 mm), MMA, Lift TIG (by trigger), Gouging: up to 8 mm electro

Product	Reference	Input (V)	Rated Output (A)	Output Range (A)	Weight (kg)	Dimensions H x W x D (mm)	Protection Class
DIGIWAVE III 420	W000384989	400V ±20%	420A/60%	15-420	34	521 x 273 x 738	IP23
DIGIWAVE III 520	W000384990		500A/60%	15-500	40		

COMPATIBLE FEEDERS *

Product	Reference	DIGIWAVE III 420	DIGIWAVE III 520
DVU W500	W000372327	•	•

* see chapter "SEMI-AUTOMATIC WIRE FEEDERS" for details

DIGIWAVE III – EXPERIENCE THE FUTURE

MIG & MULTI PROCESS INVERTER WELDERS



CONNECTIVITY & MONITORING

SAF-FRO intends to be a major player in the digital revolution that is currently encountered in the industry. With DIGIWAVE III, a new level has been attained.

Maximum connectivity

- Compatibility USB 2,0 / Ethernet.
- Wi-Fi communication - optional.
- Part serial number management with bar code scanner. Complete Remote control through VNC Application.
- Import/Export of welding programs and customized synergic curves from a machine to another.

Digital precision

Entirely digitalized, **DIGIWAVE III** provides more than 200 synergic curves developed by our engineers. It ensures outstanding welding for a wide range of combinations of materials, diameters, wire and gas.

Create and store your own curves

DIGIWAVE III offers the possibility to create up to **50** customizable synergic curves. Finally, a machine which completely suits your needs!



IDLE power consumption

DIGIWAVE III 420	35 W
DIGIWAVE III 520	38 W



With the low consumption function, you can save up to **30%** on your energy bill.



TECHNOLOGY AT YOUR SERVICE

DIGIWAVE III provides a full range of processes for all your applications:

Carbon Steel & Stainless Steel

Speed Short Arc - SSA

A semi controlled short circuit mode which allows to shift globular behavior using wire feed speed normally reachable only in pulse mode:

- Welding speed around 20% higher than traditional CV mode
- Handling ability largely improved and easy for welder's to use
- Lower heat input and less deformation

Pure Controlled Metal - PCM

A fully controlled short arc for a clean weld:

- Spatters emission close to zero
- Bridges large gaps
- Unrivalled welding quality on galvanized steel

NEW



Galvanized steel

Painted steel

All materials

Pulse

A universal pulse mode allowing welding of all materials:

- Handling ability, low spatters

Soft Silent Puls - SSP

The best for stainless steel welding:

- Clearly better wetting than traditional puls mode
- Undercut effect almost nonexistent
- Around 50% noise arc reduction (Valuable for welding work in a confined area)

Advanced SeQuencer - ASQ

By combining two different wire feed speeds related to different arc transfer modes (ex. : CV / Puls) possibilities are endless:

- Weld bead with tig appearance with productivity 5 times higher than tig
- Vertical up (no weaving) even with solid wire
- Low heat input, less completion, less deformation



Carbon Steel

High Penetration Speed - HPS

A special spray mode but with a focused arc offering higher penetration:

- Limited or no preparation for thickness less than 8 mm
- Undercut effect almost nonexistent
- No sticking effect for deep bevel weld



Aluminum

Spray Modal - SM

This is the solution for porosity issues in aluminium welding. Spray modal is based on a frequency modulation principle with very low value:

- Reduction and even elimination of porosity
- Productivity increase by 20%
- For manual or automatic application



SWAN

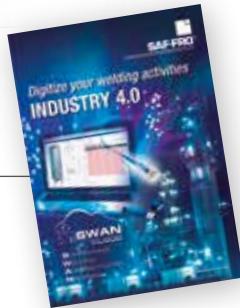
Supervising Welding Administrator Network

A laptop software to manage welding parameters:

- Welding current.
- Welding voltage.
- Wire speed.
- Motor consumption.
- Heat input.
- Programs.



Directly exportable through the network and on USB, these reports indicate the date, time and connected user during welding. It has never been so easy to monitor and assess the quality of welding in respect of WPQR/WPS.



Ask for the Brochure.

Ask for a live demo.



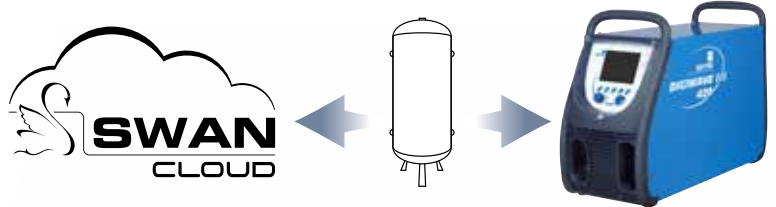
SWAN CLOUD

Digitalizing your welding activities...

Whole welding activities management software :

- WPQR / WPS management.
- Welder & consumable certification management.
- Parts sketch tools embedded allowing weld identification.
- Weld control.
- Machine configuration management.
- And more...

Edit your welding book in one click!



Program management

DIGIWAVE III can memorize up to 100 welding programs to ensure a perfect reproducibility of your welds. And for complex parts, the necessary programs can be gathered into a list and chained with the trigger during welding for an easy and quick access.



The modular concept of DIGIWAVE III allows you to build the perfect configuration for your requirements, from offshore & shipbuilding to boiler makers, train production and small workshops.

Power sources



420 A @ 60 %	DIGIWAVE III 420	W000384989
500 A @ 60 %	DIGIWAVE III 520	W000384990

Cooling unit



COOLER III	W000273516
Safety device for COOLER II	W000376539

2010-464-1

Wire feeders



DVU W500
W000372327

- 100 programs
- possibility to lock welding parameters
- LCD display

Trolley

for installation



TROLLEY III
W000383000

2015-030

Support

for wire feeder in vertical suspension



W000377985

Trolley

for wire feeder



TROLLEY WF II
W000275908

2010-462

Option Push-pull II electronic circuit



2011-113

Push-pull II
W000275907

Allowing to connect a push-pull torch or gun.

Harnesses

Length	Air	Water	
		Standard	Aluminium
2 m	W000275894	W000275898	W000371044
5 m	W000275895	W000275899	W000371045
10 m	W000275896	W000275900	W000371175
15 m	W000275897	W000275901	W000371174
25 m	W000276901	W000276902	W000371239
30 m	W000371246	-	-
40 m	W000371245	-	-
50 m	W000371244	-	-

Remote control



2013-452

RC JOB II (10 m)
W000371925



RC SIMPLE (10 m)
W000275904

Anti-dust filter

for power source protection



W000373703

2011-458

TIG torch connector

W000379466



Flowmeter

to measure gas flowrate



Flowmeter
W000275905

Aluminium welding kit

ALUKIT DVU 1,0 -1,2	W000277622
ALUKIT DVU 1,2-1,6	W000277623

A composition of wire guides and rollers for perfect aluminium welding.

Product	Reference	DIGISTEEL 355S	DIGISTEEL 425S	DIGISTEEL 505S	DIGIPULS III 420	DIGIPULS III 520	DIGIWAVE III 420	DIGIWAVE III 520
DVU P400	W000275266				•	•		
DVU P500	W000275267				•	•		
DVU W500	W000372327						•	•
WF 52D	W100000176	•	•	•				
WF 56D	W100000177	•	•	•				



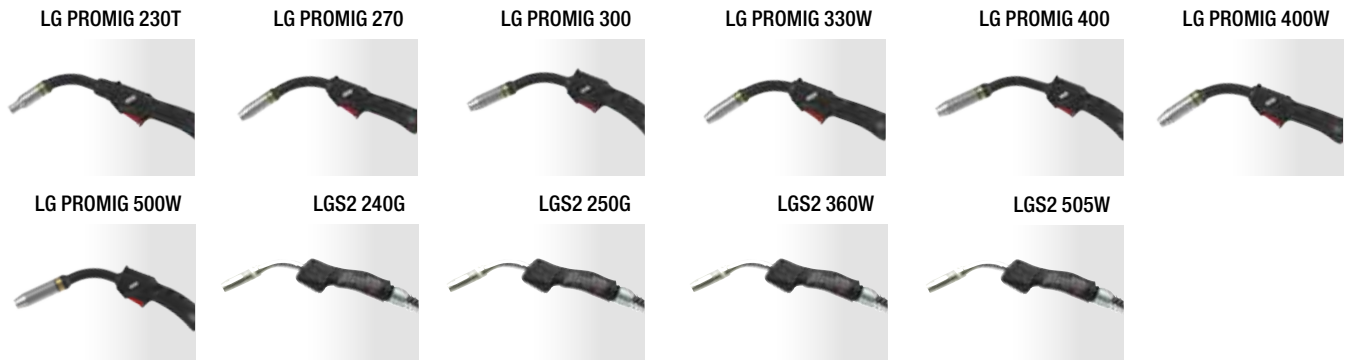
DVU P400
W000275266

DVU P500
W000275267

DVU W500
W000372327

WF 52D
W100000176

WF 56D
W100000177



LG PROMIG 230T

LG PROMIG 270

LG PROMIG 300

LG PROMIG 330W

LG PROMIG 400

LG PROMIG 400W

LG PROMIG 500W

LGS2 240G

LGS2 250G

LGS2 360W

LGS2 505W

MORE DETAILS PAGE 56

Product	Reference	PRESTOMIG 185MP	PRESTOMIG 210MP	DIGISTEEL 250C	DIGISTEEL 320C	DIGISTEEL 250C PRO	DIGISTEEL 320C PRO	DIGISTEEL 380C PRO	DIGISTEEL 450C PRO	DIGISTEEL 355S	DIGISTEEL 425S	DIGISTEEL 505S	DIGIPULS III 320C	DIGIPULS III 420 / 520	DIGIWAVE III 420 / 520
COOLERS															
COOLARC® 26	K14182-1								•	•	•	•			
COOLER III PW COMPACT	W000404340												•		
COOLER III PW	W000273516													•	•
Freezcool – cooling liquid for torches (9,6 l)	W000010167								•	•	•	•	•	•	•



COOLER III PW COMPACT
W000404340

COOLER III PW
W000273516

COOL ARC® 26
K14182-1

FREEZCOOL
W000010167

Product	Reference	PRESTOMIG 185MP	PRESTOMIG 210MP	DIGSTEEL 250C	DIGSTEEL 320C	DIGSTEEL 250C PRO	DIGSTEEL 320C PRO	DIGSTEEL 380C PRO	DIGSTEEL 450C PRO	DIGSTEEL 355S	DIGSTEEL 425S	DIGSTEEL 505S	DIGIPULS III 320C	DIGIPULS III 420 / 520	DIGWAVE III 420 / 520
UNDERCARRIAGE															
2-wheeled undercarriage	W000375730														
4-wheeled MODULAR TROLLEY II	W000383000														
ROLLS*															
Drive Roll KIT (2pcs / diameter 37 mm)	KP14017-xx														
Drive Roll KIT (4pcs / diameter 37 mm)	KP14150-xx			•	•	•	•	•	•						
Aluminium welding KIT 1,0-1,2	W000277622														
Aluminium welding KIT 1,2-1,6	W000277623														
CABLES*															
Interconnection cable Air cooled	W00027xxxx														
Interconnection cable Water cooled Standard	W00027xxxx														
Interconnection cable Water cooled Aluminium	W000371xxx														
Interconnection cable Air cooled	K14198-PG-xM									•	•	•			
Interconnection cable Water cooled	K14199-PGW-xM									•	•	•			
Extension Welding Cable 70 mm ² (5; 10; 15; 30 m) TM(M)-TM(F)	K14166-x (x=1, 2, 3, 4)									•	•	•	•	•	•
Extension Welding Cable 95 mm ² (5; 10; 15; 30 m) TM(M)-TM(F)	K14167-x (x=1, 2, 3, 4)									•	•	•	•	•	•
REMOTE CONTROL															
Remote control 15m (6PIN / 1POT)	K10095-1-15M							•	•	•	•				
Extension cable for remote control (6PIN) 15 m	K10398							•	•	•	•				
12PIN to 6PIN Adapter	K2909-1							•	•	•	•				
Remote Control MIG Joystick 7m	K14091-1							•	•	•	•				
Remote control Simple Puls 10m	W000275904												•	•	
RC JOB 10 m	W000273134													•	•
Foot Amptrol™	K870							•	•	•	•				
Remote Control RC-7 Advanced	K14203-1*							•	•	•	•	•	•		




* see chapter OPTION's for details

					
REMOTE CONTROL RC-7 ADVANCED K14203-1	UNIVERSAL TROLLEY W000375730	MODULAR TROLLEY II W000383000	DRIVE ROLL KIT Ø 37 mm KP14017-XX	DRIVE ROLL KIT Ø 37 mm KP14150-XX	
					
ALUMINIUM WELDING KIT W000277622	INTERCONNECTION CABLE K14198-PG-XM K14199-PGW-XM	EXTENSION CABLE K10398	FOOT AMPTROL™ K870	REMOTE CONTROL SIMPLE PULS 10 m W000275904	REMOTE CONTROL 15M K10095-1-15M

Product	Reference	PRESTOMIG 185MP	PRESTOMIG 210MP	DIGISTEEL 250C	DIGISTEEL 320C	DIGISTEEL 250C PRO	DIGISTEEL 320C PRO	DIGISTEEL 380C PRO	DIGISTEEL 450C PRO	DIGISTEEL 355S	DIGISTEEL 425S	DIGISTEEL 505S	DIGIPULS III 320C	DIGIPULS III 420 / 520	DIGIWAVE III 420 / 520
OTHER OPTIONS															
Arclink-T Flex	K14131-1									•	•	•			
Adapter 5Pin(M)/12Pin(F)	K14132-1									•	•	•			
12-PIN Remote control socket KIT	K14290-1					•	•	•	•						
Polarity change KIT	K14173-1			•	•	•	•								
Control panel cover KIT	K14327-1				•	•	•								
Gas flow meter KIT	K14175-1			•	•	•	•	•	•						
Gas heater supply KIT (24Vac/80W)	K14176-1			•	•	•	•	•	•	•	•	•			
Bumpers KIT	K14328-1			•	•	•	•								
Cable management kit	K14201-1									•	•	•			
Water connection kit	K14208-1									•	•	•			
Dust Filter	W000373703												•	•	•
Wire feeder drum quick connector	K14204-1			•	•	•	•	•	•						

ACCESSORIES															
Adapter for wire spool 200 mm	R-1019-125-1/08R			•	•	•	•	•	•					•	
Adapter for wire spool 300 mm	K10158-1			•	•	•	•	•	•					•	
Adapter for wire spool 300 mm	K10158			•	•	•	•	•	•					•	
Welding cable 3/5m with Electrode Holder 200A (x=3, 5)	E/H-200A-25-xM	•	•												
Welding cable 5/10m with Electrode Holder 300A (x=5, 10)	E/H-300A-50-xM			•	•	•	•							•	
Welding cable 5/10m with Electrode Holder 400A (x=5, 10)	E/H-400A-70-xM			•	•	•	•	•	•	•	•	•	•	•	•
Welding cable 5/10m with Ground Clamp 200A (x=5, 10)	GRD-200A-35-xM	•	•												
Welding cable 5/10m with Ground Clamp 300A (x=5, 10)	GRD-300A-50-xM			•	•	•	•							•	
Welding cable 5/10/15m with Ground Clamp 400A (x=5, 10, 15)	GRD-400A-70-xM			•	•	•	•	•	•	•	•	•	•	•	•
Welding cable 5/10m with Ground Clamp 600A (x=5, 10)	GRD-600A-95-xM			•	•	•	•	•	•	•	•	•	•	•	•
Stick Welding Cable KIT 200A-25mm ² -3m	KIT-200A-25-3M	•	•												
Stick Welding Cable KIT 200A-35mm ² -5m	KIT-200A-35-5M	•	•												
Stick Welding Cable KIT 300A-50mm ² -5m	KIT-300A-50-5M			•	•	•	•							•	
Stick Welding Cable KIT 400A-70mm ² -5m	KIT-400A-70-5M								•	•				•	•

* see chapter "Options" for details

					
ELECTRODE HOLDER E/H-200A-25-XM E/H-300A-50-XM E/H-400A-70-XM	GROUND CABLE GRD-200A-35-XM GRD-300A-50-XM GRD-400A-70-XM GRD-600A-95-XM	6-PIN/12-PIN ADAPTER K2909-1	DUST FILTER W000373703	SPOOL ADAPTER 300 mm (15 kg) K10158-1	SPOOL ADAPTER 300 mm (15 kg) K10158



SEMI-AUTOMATIC WIRE FEEDERS

SEMI-AUTOMATIC
WIRE FEEDERS

MODEL	REFERENCE	INPUT	OUTPUT	WIRE SIZE RANGE (mm)			FEATURES									
		Input Power	Rated Output (A)	Solid Wires	Cored Wires	Aluminum Wires	Wire Drive System	AV Metres	Wheels	EURO socket	Socket for Electrode	Flow meter	Synergic	Control Cable	MIG gun Cooling	Warranty (years)
				Digital												
WF 52D	W100000176	40V DC	500A/60%	0,8-1,6	0,9-1,6	1,0-1,6	4R	LEDs	•	•	•	O	•	5P	A/W	3
WF 56D	W100000177	40V DC	500A/60%	0,8-1,6	0,9-1,6	1,0-1,6	4R	TFT	•	•	•	O	•	5P	A/W	3
DVU P400	W000275266	34-44V AC	500A/60%	0,6-1,6	1,0-1,6	1,0-1,6	4R		•	•	•	O		19P	A/W	3
DVU P500	W000275267	34-44V AC	500A/60%	0,6-1,6	1,0-1,6	1,0-1,6	4R	LEDs+LCD	•	•	•	O	•	19P	A/W	3
DVU W500	W000372327	34-44V AC	500A/60%	0,6-1,6	1,0-1,6	1,0-1,6	4R	LEDs+LCD	•	•	•	O	•	19P	A/W	3

O – Option

WF 52D & WF 56D

Designed to work with new Digisteel S power sources.

- NEW features: Date&Calendar, Speaker and stronger encoders (WF56D).
- Small, rugged and easy to handle feeders with bright digital meters.
- Digital communication protocol for welding, making it the best choice for seamless, time critical integration with the power source.
- Perfect feedability, four roll drive system with powerful motor.
- Easy-to-understand user interface panels make it easy to set weld parameters.
- Optimized wire spool installation, inspection window and lifting eye.
- Equipped with wheels as standard.



WARRANTY
3
YEARS

Input
40 VDC

Output



UNIT INCLUDES

Drive roll 1,0-1,2 mm

User manual on USB

Product	Reference	Drive Roll	Cooling	Rated Output (A)	Input Power	WFS Range (m/min)	Wire Size Range (mm)			Weight (kg)	Dimensions H x W x D (mm)
							Solid	Cored	Aluminium		
WF 52D	W100000176	4R	A/W	500A@60%	40V DC	1,5-22	0,8-1,6	1,0-1,6	1,0-1,6	17	516 x 302 x 642
WF 56D	W100000177						17,7				

DVU P400 & DVU P500

Designed to work with digital power sources.

- Small, rugged and easy to handle feeders with bright digital meters (P400 excl.).
- Four roll drive system with powerful motor.
- Storage of 100 welding programs with expert wire feeder DVU P500.
- Parameter locking with a digital code (with expert wire feeder DVU P500).
- Equipped with wheels as standard.

WARRANTY
3
YEARS

Input
42 VAC

Output



UNIT INCLUDES

Adapter for 300 mm spool wire

Product	Reference	Drive Roll	Cooling	Rated Output (A)	Input Power	WFS Range (m/min)	Wire Size Range (mm)			Weight (kg)	Dimensions H x W x D (mm)
							Solid	Cored	Aluminium		
DVU P400	W000275266	4	A/W	500A@60%	34-44V AC	0,5-25	0,6-1,6	1,0-1,6	1,0-1,6	17,5	262 x 603 x 446
DVU P500	W000275267										

DVU W500

- Fully digital wire feeder.
- Customizable display.
- Program management (100 programs).
- Remote control connection.
- Can work 50 metres from the power source.

UNIT INCLUDES

Steel roller diameter 1 and 1,2 mm

European connector

Gas bleed cold wire button

WARRANTY
3
YEARS

Input
42 VAC

Output



Product	Reference	Drive Roll	Cooling	Rated Output (A)	Input Power	WFS Range (m/min)	Wire Size Range (mm)			Weight (kg)	Dimensions H x W x D (mm)
							Solid	Cored	Aluminium		
DVU W500	W000372327	4	A/W	500A@60%	34-44V AC	0,5-25	0,6-1,6	1,0-1,6	1,0-1,6	17,5	262 x 603 x 446

Product	Reference	Wire Feed 52D	Wire Feed 56D	DMU P400/P500/W500
ROLLS*				
Drive Roll KIT (2pcs / diameter 37 mm)	KP14017-xx			•
Drive Roll KIT (4pcs / diameter 37 mm)	KP14150-xx	•	•	
Aluminium welding KIT 1,0-1,2	W000277622			•
Aluminium welding KIT 1,2-1,6	W000277623			•

CABLES*				
Interconnection cable Air cooled	K14198-PG-xM	•	•	
Interconnection cable Water cooled	K14199-PGW-xM	•	•	
Interconnection cable Air cooled	W00027xxxx			•
Interconnection cable Water cooled Standard	W00027xxxx			•
Interconnection cable Water cooled Aluminium	W000371xxx			•

REMOTE CONTROL				
Remote control 15m (6PIN / 1POT)	K10095-1-15M		•	
Extension cable for remote control (6PIN) 15 m	K10398		•	
Remote Control MIG Yoystick 7m	K14091-1		•	
Remote Control 6PIN (7,6M)	K857		•(2)	
Remote Control 6PIN (30,4M)	K857-1		•(2)	
Remote Control 12PIN (7,6M)	K857-2		•	
Remote Control 12PIN (30,4M)	K857-3		•	
Remote control Simple Puls 10m	W000275904			•
RC JOB 10m	W000273134			•
Remote Control RC-7 Advanced	K14203-1	•	•	

OTHER OPTIONS				
Gas flow meter KIT	K14175-1	•	•	
Wire feeder drum quick connector	K14204-1	•	•	
12PIN to 6PIN Adapter	K2909-1		•	
Gas flow meter KIT for DMU	W000275905			•
Sling with hook	K14378-1	•	•	

ACCESSORIES				
Adapter for wire spool 200 mm	R-1019-125-1/08R	•	•	•
Adapter for wire spool 300 mm	K10158-1	•	•	•
Adapter for wire spool 300 mm	K10158	•	•	•
Welding cable 5/10m with Electrode Holder 300A (x=5, 10)	E/H-300A-50-xM	•	•	•
Welding cable 5/10m with Electrode Holder 400A (x=5, 10)	E/H-400A-70-xM	•	•	•

UNDERCARRIAGE				
Trolley for wire feeder	W000275908			•
Cart HD (WF52D/WF56D)	K14350-1	•	•	

* see chapter "Options" for details

(1) require 2pcs
(2) require K2909-1 adapter



TIG WELDERS

TIG WELDERS

MODEL	REFERENCE	INPUT			OUTPUT			PROCESS				FEATURES					
		Phase	Voltage (V)	Frequency (Hz)	Mode	Polarity	Current Range (A)	Stick	Lift TIG	TIG HF	TIG Pulse	PFC	Motor generator compatibility	Up/Down	Memory	Metres (AV)	Warranty (years)
TIG DC (1 phase)																	
PRESTOTIG 160 PFC	W000273518	1	230	50/60	CC	DC	5-160	•	•	•		•	•				2
PRESTOTIG 180 FORCE	W000382577	1	230	50/60	CC	DC	5-160	•	•	•	•	•	•		•	•	2
PRESTOTIG 220 FORCE	W000382578	1	230	50/60	CC	DC	5-220	•	•	•	•	•	•		•	•	2
TIG DC (3 phase)																	
PRESTOTIG 315 DC	W000403580	3	400	50/60	CC	DC	5-300	•	•	•	•		•	•	•	•	3
PRESTOTIG 415 DC	W000403582	3	400	50/60	CC	DC	5-400	•	•	•	•		•	•	•	•	3
TIG AC/DC (1 phase)																	
PRESTOTIG 200 AC/DC	W000404213	1	115/230	50/60	CC	AC/DC	2-200	•	•	•	•	•	•	•	•	•	3
TIG AC/DC (3 phase)																	
PRESTOTIG 315 AC/DC	W000403603	3	230/400	50/60	CC	AC/DC	2-300	•	•	•	•	•	•		•	•	3

PRESTOTIG 160 PFC

Leading technology in TIG DC welding. User friendly interface.

- Robust design – varnished PC boards.
- Improved generator compatibility: +/- 20% Input voltage variation, PFC controller.
- Usable with great length of primary cable (up to 70 m in 2,5 mm² section).
- Good welding in TIG HF and TIG Lift mode.
- Hot start function and anti-sticking device.
- Portable – light weight: only 9,5 kg.
- Reduced noise – "intelligent" cooling fan.
- Save energy – low current consumption.
- Simple control panel – full control, easy set up.
- 2 year warranty for labour and parts without limitations.
- Motor generator compatible.



Processes

Stick, Lift TIG, TIG HF

Applications

- Light industry
- Motorsports
- Maintenance and repair
- Process and food industry
- Intervention service



Input



Output



LONG : 70 m
SECTION : 3 x 2.5 mm²

UNIT INCLUDES

- Input cable with schuko plug (3 m)
- Ground cable (3 m)
- Gas connection kit

Product	Reference	Voltage (V)	Input voltage tolerance	Frequency (Hz)	Output range (A)	Rated Output	Fuse Size (A) (slow)	Cooling (Air / Water)	Dimensions H x W x D (mm)	Weight (kg)	Protection / Insulation Class
PRESTOTIG 160 PFC	W000273518	230	+/- 20%	50/60	5-160	160A@35% 120A@100%	16	Air	205 x 345 x 460	9,5	IP23S / H

PRESTOTIG 180 FORCE

Advanced inverter technology for superior TIG performance.
Very good HF arc ignition; stable, focused and fast arc.

- Robust design – varnished PC boards.
- Improved generator compatibility: +/- 20% input voltage variation, PFC controller.
- Usable with great length of primary cable (up to 70 m in 2,5 mm² section).
- Decent welding in TIG HF and TIG Lift mode.
- Hot start function and anti-sticking device.
- Portable – light weight: only 10,2 kg.
- Reduced noise – "intelligent" cooling fan.
- Energy-saving – low current consumption.
- Simple control panel – easy setup, full control.
- Unlimited labour and parts 2 year warranty.
- Optional remote control.
- Possibility to use with autonomous water cooler system FREEZTIG (W000382728).
- Program storage capability (30).
- Digital display.
- Motor generator compatible.



Processes

Stick, Lift TIG, TIG HF, TIG Pulse

Applications

- Light industry
- Motorsports
- Maintenance and repair
- Process and food industry
- Intervention service



Input



Output



LONG : 70 m
SECTION : 3 x 2.5 mm²

UNIT INCLUDES

- Input cable with schuko plug (3 m)
- Ground cable (3 m)
- Gas connection kit

Product	Reference	Voltage (V)	Input voltage tolerance	Frequency (Hz)	Output range (A)	Rated Output	Fuse Size (A) (slow)	Cooling (Air / Water)	Dimensions H x W x D (mm)	Weight (kg)	Protection / Insulation Class
PRESTOTIG 180 FORCE	W000382577	230	+/- 20%	50/60	5-160	160A@40% 130A@100%	16	Air / Water	205 x 345 x 460	10,2	IP23S / H

PRESTOTIG 220 FORCE

Advanced inverter technology for superior TIG performance.
Very good HF arc ignition; stable, focused and fast arc.

- Robust design – varnished PC boards.
- Improved generator compatibility: +/- 20% input voltage variation, PFC controller.
- Program storage capability (30).
- Usable with great length of primary cable (up to 70 m in 2,5 mm² section).
- Excellent welding in TIG HF and TIG Lift mode.
- Hot start function and anti-sticking device.
- Digital display.
- Portable – light weight: only 10,2 kg.
- Reduced noise – "intelligent" cooling fan.
- Energy-saving – low current consumption.
- Simple control panel – easy setup, full control.
- Unlimited labour and parts 2 year warranty.
- Possibility to use with autonomous water cooling system FREEZTIG (W000382728).
- Optional remote control.
- Motor generator compatible.



WARRANTY
2
YEARS

Processes

Stick, Lift TIG, TIG HF, TIG Pulse

Applications

- Light industry
- Motorsports
- Maintenance and repair
- Process and food industry
- Intervention service


LONG : 70 m
SECTION : 3 x 2.5 mm²

Input
1
PHASE

50/60
Hz

Output

CC

DC

PFC

GENERATOR READY



UNIT INCLUDES

- Input cable with schuko plug (3 m)
- Ground cable (3 m)
- Gas connection kit

Product	Reference	Voltage (V)	Input voltage tolerance	Frequency (Hz)	Output range (A)	Rated Output	Fuse Size (A) (slow)	Cooling (Air / Water)	Dimensions H x W x D (mm)	Weight (kg)	Protection / Insulation Class
PRESTOTIG 220 FORCE	W000382578	230	+/- 20%	50/60	5-220	220A@40% 150A@100%	16	Air / Water	205 x 345 x 460	10,2	IP23S / H

PRESTOTIG 315 DC & 415 DC

Advanced inverter technology for superior DC TIG performance.
Industrial TIG welder for tough conditions.

- Fully functional, user-friendly control panel layout with graph and numeric display makes it easy to set all welding parameters.
- Rugged construction: electrical safety (IP23S), potted PC boards and optimum airflow reduce contamination to extend the equipment's lifespan in the harshest environmental conditions.
- HF and Lift TIG ignition meeting all requirements.
- Perfect TIG HF starting with pre-settable starting mode.
- Complete TIG parameters setting: Pulse TIG with variable frequency that allows the welder to adjust the arc focus to suit the applications, 10 memory slots for personalized welding settings, TIG Spot welding.
- Water Coolers and Carts available.
- 3 year warranty – for labour and parts.
- Optional remote control.
- Up/down function.
- Cellulosic capability.
- Motor generator compatible.



WARRANTY
3
YEARS

Processes

Stick, Lift TIG, TIG HF, TIG pulse

Applications

- Heavy industrial applications
- Industrial plants
- Maintenance and repair
- Pipe construction
- Process and food industry
- Metal construction
- Aerospace industry
- Nuclear industry
- Chemical industry

Input

3
PHASE

50/60
Hz

Output

CC

DC

GENERATOR READY


WATER COOLING

UNIT INCLUDES

- Input cable (2 m)
- Gas connection kit

Product	Reference	Voltage (V)	Input voltage tolerance	Frequency (Hz)	Output range (A)	Rated Output	Fuse Size (A) (slow)	Cooling (Air / Water)	Dimensions H x W x D (mm)	Weight (kg)	Protection / Insulation Class
PRESTOTIG 315 DC	W000403580	400	+/- 15%	50/60	5-300	300A/22V/40% 220A/18,8V/100%	20	Air / Water	349 x 247 x 502	22,1	IP23S / H
PRESTOTIG 415 DC	W000403582				5-400	400A/26V/35% 300A/22V/100%	30		455 x 301 x 632	37	

PRESTOTIG 200 AC/DC

Leading technology in TIG AC/DC welding with a user-friendly interface and innovative remote control system in the torch.

- Superb arc performance – Excellent HF ignition, stable & fast arc, minimum current 2A.
- Advanced TIG AC & DC Functions – Four wave shapes, Pulse, adjustable Balance and Offset, innovative and simple control panel, AC auto setting.
- Generator compatible, ideal for site use.
- Cellulosic capability.
- Bright digital display – easy setup buttons, 9 memory slots, new control in the TIG torch.
- Energy efficient 1 phase buck-boost circuit for energy saving.
- Robust design – Potted PCBs, True HD design (special protection for use in harsh conditions).
- Best aluminium welding performance.
- Up/down function.
- Water Coolers and Cart available.
- Motor generator compatible.

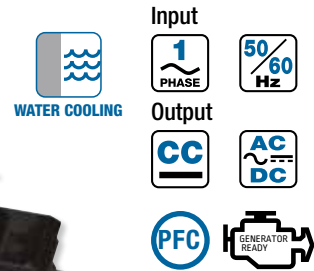


Processes

Stick DC, Stick AC, TIG DC, TIG AC, TIG Lift, TIG HF, TIG Pulse

Applications

- Industrial applications
- Industrial plants
- Maintenance and repair
- Pipe construction
- Process and food industry
- Metal construction
- Aerospace industry
- Chemical industry
- Aluminium solutions



UNIT INCLUDES

- Input cable (3 m)
- Gas connection kit

Product	Reference	Primary Voltage (50-60 Hz)	Current Range (A)	Rated Output	Fuse Size (A) (slow)	Weight (kg)	Dimensions WxLxD (mm)	Protection Class
PRESTOTIG 200 AC/DC	W000404213	115/230V/1Ph +/- 15%	2-200	200A@35% 130A@100%	16A	23	419 x 246 x 506	IP23

TIG AC/DC / THREE PHASE INVERTER WELDERS

PRESTOTIG 315 AC/DC

For superior TIG performance.

- Advanced waveform technology for the best aluminium welding performance.
- Superb welding characteristics with TIG DC, TIG AC and Stick welding processes.
- Adjustable cleaning and penetration for perfect aluminium welding.
- Variable AC frequency (40-400 Hz) for the control of travel speed and penetration.
- Fully functional, user-friendly control panel layout with graph and a numeric display makes it easy to set all welding parameters.
- Cellulosic capability.
- Energy efficient 3 phase buck-boost circuit for energy saving.
- Robust design – Potted PCBs, True HD design (special protection for use in harsh conditions).
- Best aluminium welding performance.
- Water Coolers and Cart available.
- Motor generator compatible.

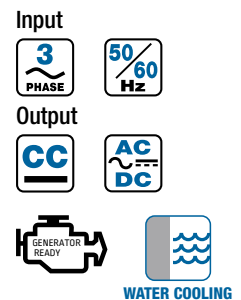


Processes

Stick DC, Stick AC, TIG DC, TIG AC, TIG Lift, TIG HF, TIG Pulse

Applications

- Heavy industrial applications
- Industrial plants
- Maintenance and repair
- Pipe construction
- Process and food industry
- Metal construction
- Aerospace industry
- Chemical industry
- Nuclear industry
- Aluminium solutions



UNIT INCLUDES

- Input cable (3 m)
- Gas connection kit

Product	Reference	Primary Voltage (50-60 Hz)	Current Range (A)	Rated Output	Fuse Size (A) (slow)	Weight (kg)	Dimensions WxLxD (mm)	Protection / Insulation Class
PRESTOTIG 315 AC/DC	W000403603	230/400V/3Ph	2-300	300A/22V/35% 200A/18V/100%	32/20	43	455 x 301 x 632	IP23 / H

TIG TORCHES

Series	Size	Rate	Application	Extra Flex Cable	HD expendables	Up /Down	Ergonomic handle	Adjustable neck	Valve version available	Flex Neck version available	Round Handle											
												110A	125A	135A	150A	180A	200A	220A	250A	320A	350A	450A
PROTIG IIIS	10	35%	Industrial	•	•						•	■										
	20			•	•						•	■	■									
	30			•	•						•	■	■	■								
	40	•		•						•	■	■	■	■								
	10W	100%		•	•						•	■	■	■	■	■						
	35W			•	•						•	■	■	■	■	■	■					
40W	•		•						•	■	■	■	■	■	■	■						
PROTIG NGS	10	35%	Industrial	•	•	•	•	•				■										
	20			•	•	•	•	•				■	■									
	30			•	•	•	•	•				■	■	■								
	40	•		•	•	•	•				■	■	■	■								
	10W	100%		•	•	•	•	•	•				■	■	■	■	■					
	35W			•	•	•	•	•				■	■	■	■	■	■					
40W	•		•	•	•	•				■	■	■	■	■	■	■						
WTT2	9	35%	Professional				•		•	•		■										
	17						•		•	•		■	■									
	26						•		•	•		■	■	■								
	20	100%					•		•	•		■	■	■	■							
	18						•		•	•		■	■	■	■	■	■					



MORE DETAILS PAGE 62

PRESTOTIG 160 PFC
 PRESTOTIG 180 FORCE
 PRESTOTIG 220 FORCE
 PRESTOTIG 315 DC
 PRESTOTIG 415 DC
 PRESTOTIG 200 AC/DC
 PRESTOTIG 315 AC/DC

TIG WELDERS

TIG PREMIUM TORCHES AIR											
		5 m		8 m							
PROTIG IIIS 10 RL		W000382715-2	W000382716-2	•	•						
PROTIG IIIS 20 RL		W000382717-2	W000382718-2	•	•						
PROTIG IIIS 30 RL		W000382719-2	W000382720-2			•	•	•	•	•	•
PROTIG IIIS 40 RL		W000382721-2	W000382722-2					•	•		•
PROTIG NGS 10 EB		W000278394-2	W000278395-2	•	•						
PROTIG NGS 20 EB		W000278396-2	W000278397-2	•	•	•				•	
PROTIG NGS 30 EB		W000278398-2	W000278399-2			•	•	•	•	•	•
PROTIG NGS 40 EB		W000278400-2	W000278401-2					•	•		•

TIG PREMIUM TORCHES WATER											
		5 m		8 m							
PROTIG IIIS 10W RL		W000382723-2	W000382724-2		•	•	•			•	
PROTIG IIIS 35W RL		W000382725-2	W000382726-2					•	•		•
PROTIG IIIS 40W RL		W000382727-2	-						•		
PROTIG NGS 10W EB		W000278402-2	W000278403-2		•	•	•			•	
PROTIG NGS 35W EB		W000278404-2	W000278405-2					•	•		•
PROTIG NGS 40W EB		W000278406-2	W000278407-2						•		

STANDARD TIG TORCHES AIR											
		4 m		8 m							
WTT2 17 RL S		W000278883	W000278918	•	•	•					
WTT2 17 EB S		W000278881	W000278920	•	•	•					
WTT2 26 RL C5B		W000278890	W000278913					•	•	•	•
WTT2 26 EB C5B		W000278887	W000278915					•	•	•	•
WTT2 26 RL S		W000268888	W000278914	•	•	•					
WTT2 26 EB S		W000278886	W000278916	•	•	•					

STANDARD TIG TORCHES WATER											
		4 m		8 m							
WTT2 18W RL C5B		W000278898	W000278899					•	•		•
WTT2 18W EB C5B		W000278896	W000278901					•	•		•
WTT2 20W RL C5B		W000278894	W000278905					•	•	•	•
WTT2 20W EB C5B		W000278892	W000278909					•	•	•	•
WTT2 20W RL S		W000278893	W000278906		•	•					
WTT2 20W EB S		W000278891	W000278911		•	•					

Tungsten electrodes

WS 2-Rare Earths

Ø (mm)	Length (mm)	Reference
1.6	175	W000335167
2.4	175	W000335169
3.2	175	W000335171

WLa 15-Lanthanum 1.5%

Ø (mm)	Length (mm)	Reference
1.6	150	W000402663
2.0	150	W000402664
2.4	150	W000402665
3.2	150	W000402667

WP-Pure Tungsten

Ø (mm)	Length (mm)	Reference
1.6	150	W000010010
1.6	175	W000010375
2.0	150	W000010011
2.4	150	W000010012
2.4	175	W000010377
3.2	150	W000010014
3.2	175	W000010378
4.0	150	W000010015

WLa20-Lanthanum 2%

Ø (mm)	Length (mm)	Reference
1.0	150	W000010373
1.6	150	W000010016
1.6	175	W000010385
2.0	150	W000010017
2.0	175	W000010386
2.4	150	W000010018
2.4	175	W000010387
3.2	150	W000010020
3.2	175	W000010388
4.0	150	W000010021

WCe-Cerium 2%

Ø (mm)	Length (mm)	Reference
1.6	150	W000010023
1.6	175	W000335153
2.0	150	W000010024
2.4	150	W000010025
2.4	175	W000335154
3.2	150	W000335150
3.2	175	W000335157
4.0	150	W000010028

MORE DETAILS PAGE 70

Product	Reference	PRESTOTIG 160 PFC	PRESTOTIG 180 FORCE	PRESTOTIG 220 FORCE	PRESTOTIG 315 DC	PRESTOTIG 415 DC	PRESTOTIG 200 AC/DC	PRESTOTIG 315 AC/DC
Freeztig	W000382728	•	•					
Freezcool – cooling liquid for torches (9,6 l)	W000010167	•	•	•	•	•	•	•
COOLERTIG 3	W000403940			•				
COOL ARC® 24	K14190-1					•		
COOLERTIG 4	W000403941					•	•	
Kit 35C50	W000011139			•			•	
Kit 50C50	W000260681			•			•	
Kit 50C50+	W000260682					•		
Electrode holder – 300A – 50 mm ² – 5 m	E/H-300A-50-5M				•	•		•
Ground cable 200A – 35 mm ² – 5 m	GRD-200A-35-5M	•	•	•			•	
Ground cable 200A – 35 mm ² – 10 m	GRD-200A-35-10M		•	•			•	
Ground cable 300A – 50 mm ² – 5 m	GRD-300A-50-5M				•			•
Ground cable 300A – 50 mm ² – 10 m	GRD-300A-50-10M				•			•
Ground cable 400A – 70 mm ² – 5 m	GRD-400A-70-5M					•		
Ground cable 400A – 70 mm ² – 10 m	GRD-400A-70-10M					•		
Foot pedal	W000241602		•	•				
Remote control – 10 m	W000219557		•	•				
Foot Amptrol™	K870		•	•	•	•	•	•
Remote control – hand 15 m	K14147-1		•	•	•	•	•	•
Extension for hand remote control – 15 m	K14148-1		•	•	•	•	•	•
CART 3	W000404145			•				
CART 4	W000404146					•		•
CART 24	K14191-1						•	
Universal Trolley	W000375730	•	•	•				

ACCESSORIES



COOLERTIG 3
W000403940



COOLERTIG 4
W000403941



FREEZTIG
W000382728



COOL ARC®24
K14190-1



FREEZCOOL
W000010167



CART 24
K14191-1



UNIVERSAL TROLLEY
W000375730



CART 3
W000404145



CART 4
W000404146



CABLE KITS
W000011138
W000260683
W000011139
W000260681
W000260682



GROUND CABLE
GRD-200A-35-5M
GRD-200A-35-10M
GRD-300A-50-5M
GRD-300A-50-10M
GRD-400A-70-5M
GRD-400A-70-10M



FOOT PEDAL
W000241602



FOOT AMPTROL™
K870



REMOTE CONTROL
K14147-1



EXTENSION FOR REMOTE CONTROL
K14148-1



ELECTRODE HOLDER
E/H-300A-50-5M



STICK WELDERS

STICK WELDERS

MODEL	REFERENCE	INPUT			OUTPUT			PROCESS				FEATURES		
		Phase	Voltage (V)	Frequency (Hz)	Mode	Polarity	Current Range (A)	Stick	Lift TIG	TIG Scratch	Cellulosic capability	Gouging	Display	PFC
Inverter														
SAXO 3.2	W000385239	1	230	50/60	CC	DC	10-150	•		•				2
PRESTO 160	W000385244	1	230	50/60	CC	DC	5-150	•		•				2
PRESTO 175	W000385245	1	230	50/60	CC	DC	5-160	•		•				2
PRESTO 165 FORCE	W000385255	1	230	50/60	CC	DC	10-160	•	•				•	2
PRESTO 185 FORCE	W000385256	1	230	50/60	CC	DC	10-180	•	•				•	2
PRESTO 190C FORCE	W000385259	1	230	50/60	CC	DC	5-160	•	•		•		•	2
PRESTO 275	W100000001	3	400	50/60	CC	DC	5-270	•	•	•	•		•	3

SAXO 3.2

Electrodes diameter from 1,6 to 3,2 mm.

The SAXO 3.2, well known for its exceptional “weight/power” ratio, is suitable for any maintenance activities and everyday intervention operations. Product advantages: User-friendly interface; versatile; precise welding quality; compact.

- MMA welding equipment Small but powerful.
- Professional: compatible with motor generators.
- Reliable and safe: 2 year warranty.
- Easy-to-use: excellent arc striking and stability thanks to the Hot Start, Arc Force and anti-stick functions.
- Power supply: 230 V single-phase.
- Input cable with 16A plug installed.
- Ultra light: less than 3,8 kg.
- Ready for use: delivered with case and accessories.



Processes

Stick, Tig scratch

Applications

- Small maintenance
- Light construction
- Light metal fabrication
- On-site repair
- Outside and workshop welding jobs
- Hobby

Input



Output



UNIT INCLUDES

Input cable with schuko plug (3 m)
Ground cable
Electrode holder cable
Plastic suitcase
Welding mask
Hammer
Small electrodes pack

Product	Reference	Primary Voltage (50-60 Hz)	Rated Output (A)	Output Range (A)	Fuse Size (A) (slow)	Weight (kg)	Dimensions H x W x D (mm)	Protection Class
SAXO 3.2	W000385239	230V/1Ph +/- 15%	150A@10% 55A@100%	10-150	16A	3,8	220 x 120 x 320	IP23S / H

PRESTO 160

Electrodes diameter from 1,6 to 4,0 mm.

Professional performance, industrial perfection.

- Exceptional performance: high duty cycle at 40 °C.
- Easy to use: Hot Start function to improve the arc striking and Arc Force function to avoid electrode sticking.
- Versatile: welding with any coated electrode (except cellulosic).
- Compatible with motor generator.
- Lightweight: less than 7 kg.
- Handy: thanks to the handy carrying strap.



Processes

Stick, TIG Scratch

Applications

- Light fabrication
- Plant construction
- Maintenance service
- Repair and maintenance
- On-site intervention
- Process industry

Input



Output



UNIT INCLUDES

Input cable (3 m)

Product	Reference	Primary Voltage (50-60 Hz)	Rated Output (A)	Output Range (A)	Fuse Size (A) (slow)	Weight (kg)	Dimensions H x W x D (mm)	Protection Class
PRESTO 160	W000385244	230V/1Ph +/-20%	150A@35% 100A@100%	5-150	19	7	145 x 230 x 365	IP23S

PRESTO 175

Electrodes diameter from 1,6 to 4,0 mm.

Professional performance, industry perfection.

- Exceptional performance high duty cycle at 40°C.
- Easy to use : Hot start function to improve the arc striking and Arc Force function to avoid electrode sticking.
- Versatile: welding with any coated electrode (except cellulosic).
- Compatible with motor-generator.
- Lightweight : less than 7 kg.
- Input cable with schuko plug 16A.
- Handy: thanks to the handy carrying strap.



Processes

Stick, Tig scratch

Applications

- Light fabrication
- Plant construction
- Maintenance service
- Repair and maintenance
- On-site interventions
- Process industry

Input



Output



UNIT INCLUDES

Input cable (3 m)

Product	Reference	Primary Voltage (50-60 Hz)	Rated Output (A)	Output Range (A)	Fuse Size (A) (slow)	Weight (kg)	Dimensions H x W x D (mm)	Protection Class
PRESTO 175	W000385245	230V/1Ph +/-20%	160A@20% 100A@100%	5-160	16	7	145 x 230 x 365	IP23S

PRESTO 165 FORCE

Electrodes diameter from 1,6 to 4,0 mm

Professional performance, industrial perfection.

- Exceptional performance: high duty cycle at 40 °C.
- Easy to use: Hot Start function to improve the arc striking and Arc Force function to avoid electrode sticking.
- Versatile: welding with any coated electrode (except cellulosic) and LIFT TIG).
- Works connected to domestic plug (16A fuse).
- Compatible with motor generator.
- Power Factor Correction (PFC). PFC delivers: low current consumption, energy saving, low current harmonics and reduction of the total CO₂ produced by the welding process.
- Lightweight: less than 7 kg.
- Handy: thanks to the handy carrying strap.
- Noise reduction due to smart fan system.



Processes

Stick, Lift TIG

Applications

- Light fabrication
- Plant construction
- Maintenance service
- Repair and maintenance
- On-site intervention
- Process industry

Input



Output



LONG : 70 m
SECTION :
3 x 2.5 mm²



UNIT INCLUDES

Input cable (3 m)

Product	Reference	Primary Voltage (50-60 Hz)	Rated Output (A)	Output Range (A)	Fuse Size (A) (slow)	Weight (kg)	Dimensions H x W x D (mm)	Protection Class
PRESTO 165 FORCE	W000385255	230V / 1Ph +15-20%	160A@30% 120A@100%	10-160	16	7	320 x 170 x 395	IP23 / H

PRESTO 185 FORCE

Electrodes diameter from 1,6 to 4,0 mm.
Professional performance, industrial perfection.

- Exceptional performance: high duty cycle at 40 °C.
- Easy to use: Hot Start function to improve the arc striking and Arc Force function to avoid electrode sticking.
- Versatile: welding with any coated electrode (except cellulosic) and LIFT TIG.
- Works connected to domestic plug (16A fuse).
- Compatible with motor generator.
- Power Factor Correction (PFC). PFC delivers: low current consumption, energy saving, low current harmonics and reduction of the total CO₂ produced by the welding process.
- Lightweight: less than 7 kg.
- Handy: thanks to the handy carrying strap.
- Noise reduction due to smart fan system.

WARRANTY
2
YEARS



LONG : 70 m
SECTION :
3 x 2.5 mm²

Processes

Stick, Lift TIG

Applications

- Light fabrication
- Plant construction
- Maintenance service
- Repair and maintenance
- On-site intervention
- Process industry

Input



Output



UNIT INCLUDES

Input cable (3 m)

Product	Reference	Primary Voltage (50-60 Hz)	Rated Output (A)	Output Range (A)	Fuse Size (A) (slow)	Weight (kg)	Dimensions H x W x D (mm)	Protection Class
PRESTO 185 FORCE	W000385256	230V / 1Ph +15-20%	180A@20% 120A@100%	10-180	16	7	320 x 170 x 395	IP23 / H

PRESTO 190C FORCE

Electrodes diameter from 1,6 to 4,0 mm.
For demanding activities such as on site welding. Sturdy equipment with high liability and high duty cycle works.

- Exceptional performance: high duty cycle at 40 °C.
- Easy to use: Hot Start function to improve the arc striking and Arc Force function to avoid electrode sticking.
- Versatile: welding with any coated electrode and LIFT TIG.
- Compatible with motor generator.
- Digital display.
- Power Factor Correction (PFC) , PFC delivers: low current consumption, energy saving, low current harmonics and reduction of the total CO₂ produced by the welding process.
- Lightweight: less than 9 kg.
- Works connected to domestic plug (16A fuse).
- VRD function to increase safety when working in a humid environment with electroshock risk.
- Ideal for cellulosic application.
- Remote control.

WARRANTY
2
YEARS



LONG : 70 m
SECTION :
3 x 2.5 mm²

Processes

Stick, Lift TIG

Applications

- Light fabrication
- Plant construction
- Maintenance service
- Repair and maintenance
- On-site intervention
- Light industry
- Pipeline repair

Input



Output



UNIT INCLUDES

Input cable (3 m)

Product	Reference	Primary Voltage (50-60 Hz)	Rated Output (A)	Output Range (A)	Fuse Size (A) (slow)	Weight (kg)	Dimensions H x W x D (mm)	Protection Class
PRESTO 190C FORCE	W000385259	230V/1Ph +/- 20%	160A@50% 130A@100%	5-160	16	9	320 x 170 x 395	IP23 / H

PRESTO 275

Excellent welding processes coupled with high performance, as well as increased productivity. Powerful portability, robust reliability.

- 400V ±15%, 3Ph 50/60Hz, generator ready.
- 270A@25% / 250A@35% / 230A@60% /180A@100%.
- Light weight – only 14,3 kg.
- Idle power 19W and efficiency > 85%.
- SMAW manual and Synergic – Pulse.
- STICK Pulse: 0,5-15 Hz.
- Intelligent F.A.N. (Fan As Needed).
- Customer Support.
- USB Key (software update, data collection).
- Voltage Reduce Device (VRD).
- Cellulosic 6010 stick capability.
- Industrial grade: IP23, 3 Years Warranty, no limitation.



Processes

Stick, Lift TIG

Applications

- General fabrication
- Heavy fabrication
- Structural
- Transportation
- Chemical processing
- Maintenance and repair
- Shipbuilding



Input



Output



UNIT INCLUDES

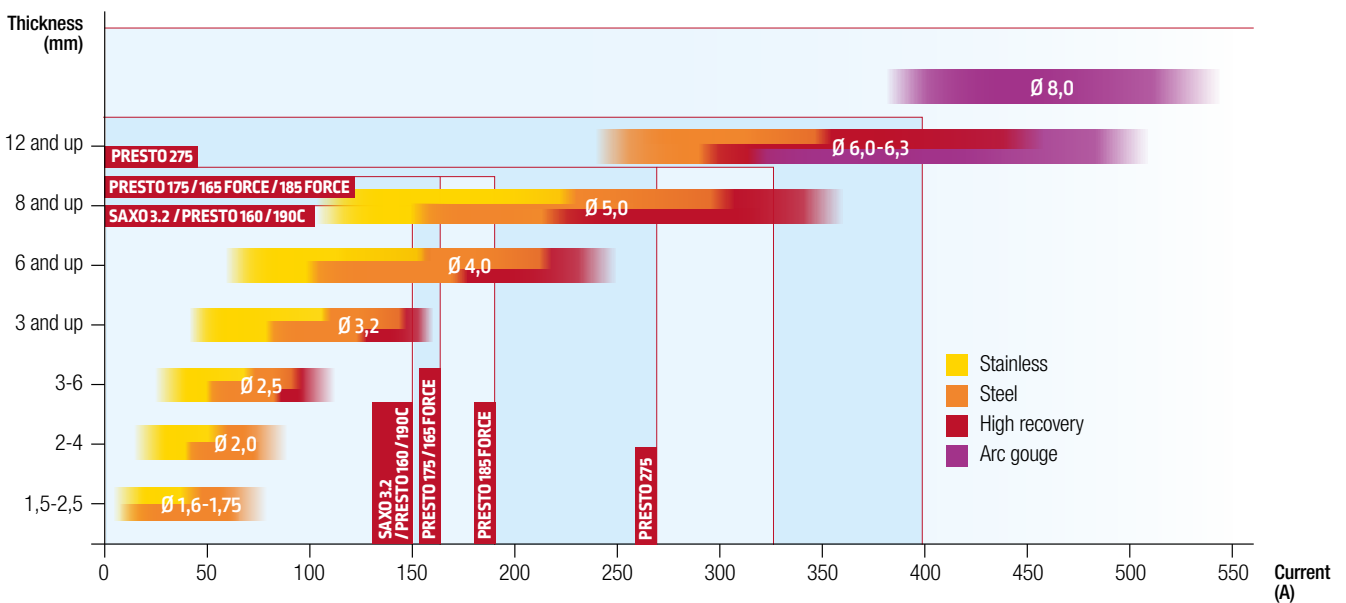
Input cable 3 m (no plug)

USB key with user manual



Quick Start papers

Product	Reference	Primary Voltage (50-60 Hz)	Rated Output	Output Range (A)	Fuse Size (A) (slow)	Weight (kg)	Dimensions H x W x D (mm)	Protection Class
PRESTO 275	W100000001	400V± 15% /3Ph	270A@25% 250A@35% 230A@60% 180A@100%	5-270	16	14.3	360 x 230 x 498	IP23

PRODUCT APPLICATION CHART



Product	Reference	SAKO 3.2	PRESTO 160	PRESTO 175	PRESTO 165 FORCE	PRESTO 185 FORCE	PRESTO 190C FORCE	PRESTO 275
Kit 25C25	W000011138	•	•	•	•	•		
Kit 35C50	W000011139						•	
Kit 50C50+	W000260682							•
TIG welding torch WTT2 17V – 135A – 4 m, valve, conn. 9 mm	W000278880		•	•	•	•		
TIG welding torch WTT2 17V – 135A – 4m, valve, conn. 13 mm	W10529-17-4V						•	•
Remote control, 15 m	K10095-1-15M							•
Extension cable for remote control box, 15 m	K10398							•
Two-wheeled undercarriage	W0200002							
Ground cable 400A – 70 mm ² – 5 / 10 / 15 m	GRD-400A-70-xM							
Ground cable 600A – 95 mm ² – 10 m	GRD-600A-95-10M							
Electrode holder – 400A – 70 mm ² – 5 / 10 m	E/H-400A-70-xM							
Flair® 600 / 1600 gouging torch	W000010136							
TIG welding torch WTT2 9V – 110A – 4 m conn 9 mm	W000278876	•						
Ground cable 300A – 50 mm ² – 5 m	GRD-300A-50-5M							•
Cart 24	K14191-1							•
Front cover 275	K14383-1							•
Cart 24 metal interface	K14384-1							•

					<p>FLAIR® 600 / 1600 W000010136 W000010118</p>  <p>TIG WELDING TORCH WTT2 V W000278880 W000278876 W10529-17-4V W000278885</p> 
<p>TWO-WHEELED UNDERCARRIAGE W0200002</p>	<p>ELECTRODE HOLDER E/H-400A-70-XM</p>	<p>CABLE KITS W000011138 W000260683 W000260684 W000011139 W000260681 W000260682</p>	<p>REMOTE CONTROL K10095-1-15M</p>	<p>GROUND CABLE GRD-400A-70-XM GRD-600A-95-10M ADD GRD-300A-50-5M</p>	
					
<p>CART 24 METAL INTERFACE K14384-1</p>	<p>CART 24 K14191-1</p>	<p>FRONT COVER 275 K14383-1</p>			

STICK WELDERS

PRESTO 275

THE STICK WELDING EVOLUTION

- **Premium arc performance**
Stable, great dynamics, perfect start, limited spatters
- **Robust and reliable design**
Saf-fro standard, True Heavy Duty, 3 year warranty
- **Innovative UI, intuitive and simple to use**
On-screen support and reduced training time
- **Customer Support**
for parts 'wear & tear' requirements and immediate operator support
- **More functions & features**
Auto-setting for instant 'ready to work' status
- **Improved ergonomics and operator safety**
for safer, more comfortable operation



LIGHT AND
PORTABLE

USB
CONNECTIVITY



PLASMA CUTTING

PLASMA CUTTING RANGE

MODEL	REFERENCE	INPUT			OUTPUT				PROCESS			FEATURES		
		Phase	Voltage (V)	Frequency (Hz)	Mode	Polarity	Current Range (A)	Cutting capacity (mm)	Plasma cutting	Plasma gouging	Grid Mode	Compressor integrated	Piercing capability	Remote kit
1 phase														
PRESTOJET 30K	W100000320	1	230	50/60	CC	DC	15-30	16	•		•	•		
PRESTOJET 45	W100000322	1	120/230	50/60	CC	DC	15- 45A (230Vac) 15- 22A (120Vac)	20mm (230Vac)	•	•	•		•	
3 phase														
PRESTOJET 60	W000403594	3	400	50/60	CC	DC	20-60	25	•	•	•		•	
PRESTOJET 100	W000403596	3	400	50/60	CC	DC	20-100	40	•	•	•		•	•



PRESTOJET 30K

- Ultimate Portability – Internal air compressor enables operation in environments where external compressed air is not available.
- Continuous Output Control – Focus the arc for different material thickness.
- Touch Start system – Reliable plasma arc initiation without high frequency.
- Rapid Arc Restrike – Fast cutting through gaps, even expanded metal.
- Front Panel Purge Control – Makes it easy to set the air flow rate without initiating the plasma arc.
- Cool Operation, Long Consumable Life – New electrode and nozzle design save you money in the long run.
- Added Safety – Our Parts-in-Place system detects correct installation of consumables and torch.
- Engine Drive Compatible – Select a Lincoln Electric engine driven welder to power your Prestojet in remote locations.

INTERNAL COMPRESSOR OR EXTERNAL AIR



Processes

Plasma cutting, Grid

Applications

- On site maintenance
- Small construction sites
- Air ducting installation (HVAC)
- Demolition work
- Rental

Input



Output



WARRANTY

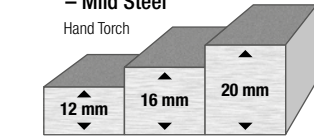


UNIT INCLUDES

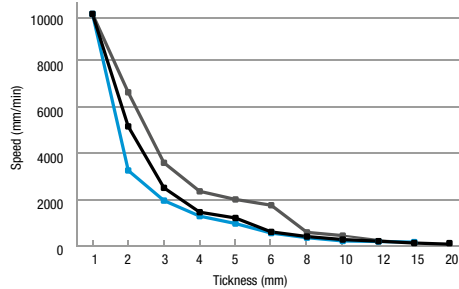
- Internal air compressor (external air connection also standard)
- LC30 Torch with 4 m cable
- Air regulator and pressure gauge
- Internal water separator
- Work clamp and cable
- Spare consumables
- Input power cord

Cutting performance – Mild Steel

Hand Torch



Recommended	Maximum	Severance
Rated Cut @ 22 ipm 0.56 m/min	Maximum Cut @ 14 ipm 0.36 m/min	Sever Cut @ 5 ipm 0.13 m/min



— LC-30 30A Mild Steel — LC-30 30A Stainless Steel — LC-30 30A Aluminum

Product Name	Product Number	Input Power	Rated Output Current/Voltage/Duty Cycle	Fuse (delayed) or Circuit Breaker	Pilot Current	Output Range	Air Pressure Required	Air Flow Rate Required	Dimensions H x W x D (mm)	Net Weight Without Torch (kg)
Prestojet 30K	W100000320	230/1/50	30A@60% 25A@100%	16A	20A	15-30A	5,0bar – 6,0bar	125 ±10% l/min	385 x 215 x 480	18.5

PRESTOJET 45

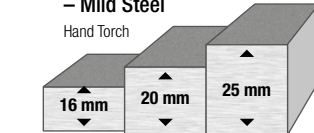
- TFT 2,8" screen – For an easier and user friendly user interface
- Continuous Output Control – Focus the arc for different material thickness.
- Touch Start system – Reliable plasma arc initiation without high frequency.
- Rapid Arc Restrike – Fast cutting through gaps, even expanded metal.
- Front Panel Purge Control – Makes it easy to set the air flow rate without initiating the plasma arc.
- Gouging and Grid modes (adjustable grid's time).
- Cool Operation, Long Consumable Life – New electrode and nozzle design save you money in the long run.
- Added Safety – Our Parts-in-Place system detects correct installation of consumables and torch.
- Lightweight and Portable – Easily carried by one person.
- Engine Drive Compatible – Select a Lincoln Electric Outback® or Vantage® to power your Prestojet in remote locations

UNIT INCLUDES

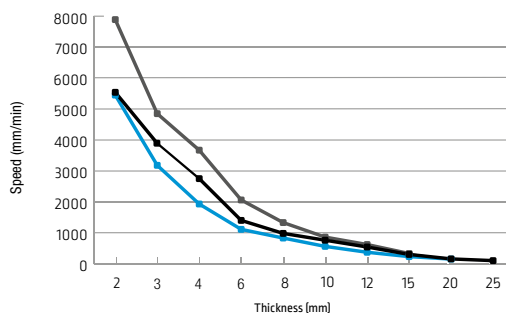
- LC45 Torch with 6 m cable
- Air regulator and pressure gauge
- Internal water separator
- Work clamp and cable
- Input power cord

Cutting performance – Mild Steel

Hand Torch



Recommended	Maximum	Severance
Rated Cut @ 20 ipm 0.51 m/min	Maximum Cut @ 12 ipm 0.30 m/min	Sever Cut @ 5 ipm 0.13 m/min



— 45A Mild Steel — 45A Stainless Steel — 45A Aluminum

Processes

Plasma cutting, Grid, Gouging, Piercing

Applications

- On site maintenance
- Small construction sites
- Air ducting installation (HVAC)
- Demolition work
- Rental

Input



Output



WARRANTY



Product Name	Product Number	Input Power	Rated Output Current/Voltage/Duty Cycle	Fuse (delayed) or Circuit Breaker	Pilot Current	Output Range	Air Pressure Required	Air Flow Rate Required	Dimensions H x W x D (mm)	Net Weight Without Torch (kg)
PRESTOJET 45	W100000322	120/230/1/50/60	at 230Vac 45A@45% 40A@60% 30A@100% at 120Vac 22A@60% 15A@100%	16 A	20 A	15- 45 A (230Vac) 15- 22 A (120Vac)	5,0bar – 6,0bar	200 ±10% l/min	385 x 215 x 480	11.1

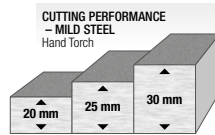
PRESTOJET 60 & 100

High performance plasma cutting machines: built to handle harsh environmental conditions, suitable for on-site operations with a generator or within a workshop environment.



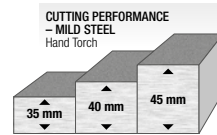
- Starting: innovative, advanced arc starting without HF.
- Performance: innovative, advanced electrode and nozzle design.
- Longer lifetime: innovative, advanced design increases lifetime of consumables.
- Faster: higher travel speeds and plate thickness.
- Flexible: multiple torch configurations.
- Different materials: mild steel, stainless steel, aluminium and many more.
- Concentrated plasma stream: less heat input, less distortion.
- Torch Connection – central connector, 9-pin.
- Stepless current control.
- Remote kit (optional) that allows the unit to receive an external ON-OFF trigger for mechanized processes (only for PRESTOJET 100).

PRESTOJET 60



Recommended	Maximum	Severance
Rated Cut @ 0,5 m/min	Maximum Cut @ 0,3 m/min	Sever Cut @ 0,18 m/min

PRESTOJET 100

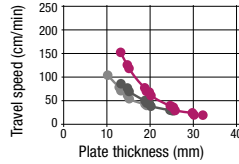


Recommended	Maximum	Severance
Rated Cut @ 0,38 m/min	Maximum Cut @ 0,32 m/min	Sever Cut @ 0,18 m/min

PERFORMANCE

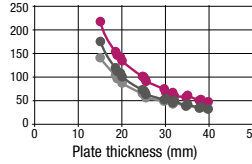
PRESTOJET 60 with LC65

Comparison at 60A



PRESTOJET 100 with LC105

Comparison at 100A



● Aluminium ● Mild ● Stainless

Processes

Plasma cutting, Plasma gouging, Grid Mode

Type of Gas

- Compressed air
- Nitrogen

Applications

- On-site maintenance
- Service tasks
- Small construction sites
- General installations
- Air ducting installation (HVAC)
- Demolition work
- Rental

Input



Output



UNIT INCLUDES

- 2 m-input cable
- 7,5 m-hand cutting torch
- Ground clamp and cable
- Air connection kit
- Cutting torch consumables kit



Product	Reference	Primary Voltage (50-60 Hz)	Rated Output	Cutting Capacity (mm)	Piercing Capacity (mm)*	Flow Rate	Inlet Pressure	Output Range (A)	Weight (kg)	Dimensions H x W x D (mm)
PRESTOJET 60	W000403594	400V/3Ph	60A/40% 40A/100%	25	Max. 12	130l/min+/- 20% @ 5,5 bar	6,0 bar	20-60	22	389 x 247 x 489
PRESTOJET 100	W000403596		100A/40% 60A/100%	40	Max. 20	280l/min+/- 20% @ 5,5 bar	7,0 bar	20-100	36	455 x 301 x 618

KEY OPTIONS

	Product Number	Prestojet 30K	Prestojet 45	Prestojet 60	Prestojet 100
		W100000320	W100000322	W000403594	W000403596
Air Filter LAF1250	W88X1456A			•	•
Filter Cartridge	W8800117R			•	•
Cutting circle	W0300699A	•	•	•	•
Undercarriage	W0200002	•	•		
Remote Control	K12049-1				•
Remote Control Kit	W05X1086A				•
Bevel Tool	W03X0893-119A			•	•
Circle kit to suit LC45	W100000338		•		
Bevel tool to suit LC45	W100000339		•		

					
Air filter LAF1250 W88X1456A W8800117R	Undercarriage W0200002	Plasma circle cutting guide kit (cutting circles max diam. 820mm) W0300699A	Bevel tool W03X0893-119A	Circle kit to suit LC45 W100000338	Bevel tool to suit LC45 W100000339

TORCHES

	Product Number	Prestojet 30K	Prestojet 45	Prestojet 60	Prestojet 100
		W100000320	W100000322	W000403594	W000403596
LC 30 (Hand)	W100000325	•			
LC 45 (Hand)	W100000327		•		
LC65 (Hand)	PTH-061A-CX-7M5A			•	
	PTH-061A-CX-15A			•	
LC105 (Hand)	PTH-101A-CX-7M5A				•
	PTH-101A-CX-15A				•

LC 30 (HAND) 	LC 45 (HAND) 	LC 65 (HAND) 	LC 105 (HAND) 
			
PLASMA-BOX LC30 W100000361	PLASMA-BOX LC45 W100000362	PLASMA-BOX LC65 W03X0893-113A	PLASMA-BOX LC105 W03X0893-115A

PLASMA CUTTING

Anywhere, Anytime



PRESTOJET 30K PRESTOJET 45

- Ultimate Portability
- Continuous Output Control
- Touch Start system
- Rapid Arc Restrike
- Front Panel Purge Control
- Engine Drive Compatible
- Added Safety
- Cool Operation, Long Consumable Life
- Grid modes

PRESTOJET 30K

- Cutting Performance 16mm
- Include internal air compressor (external air connection also standard)

PRESTOJET 45

- Cutting Performance 20mm
- Gouging
- TFT 2.8" screen

INTERNAL
COMPRESSOR
OR EXTERNAL AIR



EQUIPMENT OPTIONS

COOLERS

W000403940
COOLERTIG 3



W000403941
COOLERTIG 4



W000382728
FREEZTIG



K14190-1
COOL ARC®24



K14182-1
COOL ARC® 26



W000273516
COOLER III PW



W000404340
COOLER III PW COMPACT



Product	Reference	PRESTOTIG 180 FORCE	PRESTOTIG 220 FORCE	PRESTOTIG 315 DC	PRESTOTIG 415 DC	PRESTOTIG 200 AC/DC	PRESTOTIG 315 AC/DC	DIGISTEEL 380C PRO	DIGISTEEL 450C PRO	DIGISTEEL 355S	DIGISTEEL 425S	DIGISTEEL 505S	DIGIPULS III 320C	DIGIPULS III 420	DIGIPULS III 520	DIGIMAVE III 420	DIGIMAVE III 520
FREEZTIG	W000382728	•	•														
COOLERTIG 3	W000403940			•													
COOLERTIG 4	W000403941				•		•										
COOLARC® 24	K14190-1					•											
COOLARC® 26	K14182-1							•	•	•	•	•					
COOLER III PW	W000273516													•	•	•	•
COOLER III PW COMPACT	W000404340												•				

Product	Reference	Input Voltage	Plug	Flow sensor	Cooling Power @1l/min	Tank capacity (l)	Maximum pressure rate (Mpa)	Position	Weight (kg)	Dimensions H x W x D (mm)
FREEZTIG	W000382728	230V 50/60Hz 1Ph	16A Schuko plug	•	0,83	4,0	0,4	Horizontal	13	220 x 250 x 570
COOLERTIG 3	W000403940	400V* 50/60Hz 1Ph	Molex	•	0,75	3,6	0,4	Horizontal	18	276 x 246 x 540
COOLERTIG 4	W000403941	230V/400V* 50/60Hz 1Ph	9pin socket	•	1,0	6,0	0,4	Horizontal	22,7	255 x 300 x 700
COOLARC® 24	K14190-1	390V dc*	Molex	•	0,87	2,3	0,43	Horizontal	18	276 x 246 x 540
COOLARC® 26	K14182-1	230V/400V* 50/60Hz 1Ph	Molex	•	0,84	4,0	0,47	Vertical	18	680 x 260 x 150
COOLER III PW	W000273516	230V* 50/60Hz 1Ph	Molex	-	1,3	5,0	0,45	Horizontal	16	268 x 700 x 279
COOLER III PW COMPACT	W000404340	400V* 50/60Hz 1Ph	Molex	-	1,3	5,0	0,45	Horizontal	20	268 x 700 x 279

* supplied by the welding power source

W0200002

TWO-WHEELED UNDERCARRIAGE



W000375730

UNIVERSAL TROLLEY



W000404145

CART 3



W000404146

CART 4



K14191-1

CART 24



W000383000

MODULAR TROLLEY



K14350-1

CART HD



Product	Reference	PRESTO 275	PRESTOTIG 180 FORCE	PRESTOTIG 220 FORCE	PRESTOTIG 315 DC	PRESTOTIG 415 DC	PRESTOTIG 200 AC/DC	PRESTOTIG 315 AC/DC	PRESTOJET 30K	PRESTOJET 45	PRESTOJET 60	PRESTOJET 100	DIGIPULS III 320C	DIGIPULS III 420	DIGIPULS III 520	DIGNWAVE III 420	DIGNWAVE III 520	DWU P400	DWU P500	DWU W600	WF52D/ WF56D	
Two-wheeled undercarriage	W0200002	•	•						•	•												
CART 3	W000404145			•																		
CART 4	W000404146				•			•														
Cart 24	K14191-1						•															
Universal trolley	W000375730		•	•																		
Modular trolley	W000383000												•	•	•	•	•					
Trolley for wire feeder	W000275908																	•	•	•		
Cart HD (WF52D/ WF56D)	K14350-1																					•

Product	Reference	PRESTO 275	PRESTOTIG 160 PFC	PRESTOTIG 180 FORCE	PRESTOTIG 220 FORCE	PRESTOTIG 315 DC	PRESTOTIG 415 DC	PRESTOTIG 200 AC/DC	PRESTOTIG 315 AC/DC	PRESTOJET 100	DIGISTEEL 250C PRO	DIGISTEEL 320C PRO	DIGISTEEL 380C PRO	DIGISTEEL 450C PRO	DIGIPULS III 320C	DIGIPULS III 420 / 520	DIGIWAVE III 420 / 520	Wire Feed 56D	DVU P400	DVU P500	DVU W500	
Remote control 15 m (6PIN / 1POT)	K10095-1-15M	●									●(1)(2)	●(1)(2)	●(1)(2)	●(1)(2)					●(1)			
Extension cable for remote control (6PIN) 15 m	K10398	●									●	●	●	●					●			
Remote control – hand 15m K14147-1	K14147-1		●	●	●	●	●	●	●		●(1)(2)	●(1)(2)	●(1)(2)	●(1)(2)					●(1)			
Extension for hand remote control – 15 m	K14148-1		●	●	●	●	●	●	●		●	●	●	●					●			
Foot Amptrol™	K870		●	●	●	●	●	●	●		●(1)(2)	●(1)(2)	●(1)(2)	●(1)(2)					●(1)			
Remote control – 10 m	W000219557			●	●																	
Foot pedal	W000241602			●	●																	
Remote Control	K12049-1									●(3)									●			
Remote Control MIG Yoystick 7 m	K14091-1										●(2)	●(2)	●(2)	●(2)					●			
Remote control Simple Puls 10 m	W000275904														●	●	●		●	●	●	
RC JOB 10 m	W000273134															●			●	●	●	
RC JOB II	W000371925																●					
Remote Control 6PIN (30,4 m)	K857-1										●(1)(2)	●(1)(2)	●(1)(2)	●(1)(2)					●(1)			
Remote Control 12PIN (7,6 m)	K857-2										●(2)	●(2)	●(2)	●(2)					●			
Remote Control 12PIN (30,4 m)	K857-3										●(2)	●(2)	●(2)	●(2)					●			
Remote Control RC-7 Advanced	K14203-1										●(4)	●(4)	●(4)	●(4)					●			

(1) K2909-1 adapter required
 (2) K14290-1 kit required
 (3) W05X1086A kit required
 (4) K14290-1 kit required

K10095-1-15M Remote control (1pot) 6pin (15 m)
 K14147-1 Remote control TIG HF (1pot) 6pin (15 m)



K10398 Extension for K10095-1-15M (15 m)
 K14148-1 Extension for K14147-1 (15 m)



K857 Remote control 6pin (7,6 m)
 K857-1 Remote control 6pin (30,4 m)
 K857-2 Remote control 12pin (7,6 m)
 K857-3 Remote control 12pin (30,4 m)



K870 Foot amptrol 6pin (7,6 m)



W000241602 Foot pedal



W000275904 Remote control Simple Puls



DIGISTEEL 365S/425S/505S

DIGIPULS III 420 / 520

DIGI WAVE III 420 / 520

Wire Feed 52D/56D

DVU P.400/P500

DVU W500

Product

Reference

Air cooled connection cable (TM-TM welding cable, gas hose & control cable)

Intermediate cable 1 m (70 mm ² , 5Pin-5Pin), AIR	K14198-PG	•			•		
Intermediate cable 3 m (70 mm ² , 5Pin-5Pin), AIR	K14198-PG-3M	•			•		
Intermediate cable 5 m (70 mm ² , 5Pin-5Pin), AIR	K14198-PG-5M	•			•		
Intermediate cable 10 m (70 mm ² , 5Pin-5Pin), AIR	K14198-PG-10M	•			•		
Intermediate cable 15 m (95 mm ² , 5Pin-5Pin), AIR	K14198-PG-15M	•			•		
Intermediate cable 20 m (95 mm ² , 5Pin-5Pin), AIR	K14198-PG-20M	•			•		
Intermediate cable 25 m (95 mm ² , 5Pin-5Pin), AIR	K14198-PG-25M	•			•		
Intermediate cable 30 m (95 mm ² , 5Pin-5Pin), AIR	K14198-PG-30M	•			•		



K14198-PG-xM

Water cooled connection cable (TM-TM welding cable, water hoses, gas hose & control cable)

Intermediate cable 1 m (95 mm ² , 5Pin-5Pin), WATER	K14199-PGW	•			•		
Intermediate cable 3 m (95 mm ² , 5Pin-5Pin), WATER	K14199-PGW-3M	•			•		
Intermediate cable 5 m (95 mm ² , 5Pin-5Pin), WATER	K14199-PGW-5M	•			•		
Intermediate cable 10 m (95 mm ² , 5Pin-5Pin), WATER	K14199-PGW-10M	•			•		
Intermediate cable 15 m (95 mm ² , 5Pin-5Pin), WATER	K14199-PGW-15M	•			•		
Intermediate cable 20 m (95 mm ² , 5Pin-5Pin), WATER	K14199-PGW-20M	•			•		
Intermediate cable 25 m (95 mm ² , 5Pin-5Pin), WATER	K14199-PGW-25M	•			•		
Intermediate cable 30 m (95 mm ² , 5Pin-5Pin), WATER	K14199-PGW-30M	•			•		



K14199-PGW-xM

Air cooled connection cables (TM-TM welding cable, gas hose & control cable)

Harness AIR 2 m – univ. steel 70 mm	W000275894		•	•		•	•
Harness AIR 5 m – univ. steel 70 mm	W000275895		•	•		•	•
Harness AIR 10 m – univ. steel 70 mm	W000275896		•	•		•	•
Harness AIR 15 m – univ. steel 70 mm	W000275897		•	•		•	•
Harness AIR 25 m – univ. steel 70 mm	W000276901		•	•		•	•
Harness AIR 30 m – univ. steel 70 mm	W000371246		•	•		•	•



Water cooled connection cables (TM-TM welding cable, water hoses, gas hose & control cable)

Harness WATER 2 m – univ. steel 95 mm	W000275898		•	•		•	•
Harness WATER 5 m – univ. steel 95 mm	W000275899		•	•		•	•
Harness WATER 10 m – univ. steel 95 mm	W000275900		•	•		•	•
Harness WATER 15 m – univ. steel 95 mm	W000275901		•	•		•	•



Water cooled connection cables (TM-TM welding cable, water hoses, gas hose & control cable)

Harness WATER 2 m – alu. steel 95 mm	W000371044		•	•		•	•
Harness WATER 5 m – alu. steel 95 mm	W000371045		•	•		•	•
Harness WATER 10 m – alu. steel 95 mm	W000371175		•	•		•	•
Harness WATER 15 m – alu. steel 95 mm	W000371174		•	•		•	•
Harness WATER 25 m – alu. steel 95 mm	W000371239		•	•		•	•



DRIVE ROLLS

PRESTOMIG 185WP/210MP
 DIGISTEEL 250C/320C
 DIGISTEEL 250C/320C/380C/450C PRO
 DIGIPULS III 320C
 Wire Feed 52D/56D
 DWJ P 400/P500
 DWJ W500

Product **Reference**

DRIVE ROLL KIT (2R) – KIT CONTAINS 1 ROLL Ø 37 mm

Product	Reference	PRESTOMIG 185WP/210MP	DIGISTEEL 250C/320C	DIGISTEEL 250C/320C/380C/450C PRO	DIGIPULS III 320C	Wire Feed 52D/56D	DWJ P 400/P500	DWJ W500
Solid wires:								
DRIVE ROLL V0,6-0,8 DIA37	KP14016-0,8	•			•	•	•	•
DRIVE ROLL V0,8-1,0 DIA37	KP14016-1,0	•			•	•	•	•
DRIVE ROLL V1,0-1,2 DIA37	KP14016-1,2	•			•	•	•	•
Cored wires:								
DRIVE ROLL VK0,9-1,1 DIA37	KP14016-1,1R	•			•	•	•	•
DRIVE ROLL VK1,2-1,6 DIA37	KP14016-1,6R	•			•	•	•	•
Aluminium wires:								
DRIVE ROLL U1,0-1,2 DIA37	KP14016-1,2A	•			•	•	•	•



DRIVE ROLL KIT (4R) – KIT CONTAINS 2 ROLLS Ø 37 mm

Solid wires:								
DRIVE ROLLS V0,6-0,8 DIA37	KP14017-0,8				•	•	•	•
DRIVE ROLLS V0,8-1,0 DIA37	KP14017-1,0				•	•	•	•
DRIVE ROLLS V1,0-1,2 DIA37	KP14017-1,2				•	•	•	•
DRIVE ROLLS V1,2-1,4 DIA37	KP14017-1,4				•	•	•	•
ROLL V1,3-V1,4 DIAM37 2PCS	KP14017-V13/V14				•	•	•	•
DRIVE ROLLS V1,2-1,6 DIA37	KP14017-1,6				•	•	•	•
Cored wires								
DRIVE ROLLS VK0,9-1,1 DIA37	KP14017-1,1R				•	•	•	•
DRIVE ROLLS VK1,2-1,6 DIA37	KP14017-1,6R				•	•	•	•
DRIVE ROLLS VK1,6-2,4 DIA37	KP14017-2,4R				•	•	•	•
Aluminium wires								
DRIVE ROLLS U1,0-1,2 DIA37	KP14017-1,2A				•	•	•	•
DRIVE ROLLS U1,2-1,6 DIA37	KP14017-1,6A				•	•	•	•



DRIVE ROLL KIT (4R/TWIN) – KIT CONTAINS 4 ROLLS Ø 37 mm AND WIRE GUIDES

Solid wires								
ROLL KIT 0,6/0,8VT FI37 4PCS GREEN/BLUE	KP14150-V06/08		•	•		•		
ROLL KIT 0,8/1,0VT FI37 4PCS BLUE/RED	KP14150-V08/10		•	•		•		
ROLL KIT 0,9/1,1VT FI37 4PCS	KP14150-V09/11		•	•		•		
ROLL KIT 1,0/1,2VT FI37 4PCS RED/ORANGE	KP14150-V10/12		•	•		•		
ROLL KIT 1,2/1,6VT FI37 4PCS ORANGE/YELL	KP14150-V12/16		•	•		•		
ROLL KIT 1,4/2,0VT FI37 4PCS	KP14150-V14/20		•	•		•		
ROLL KIT 1,6/2,4VT FI37 4PCS YELL/GREY	KP14150-V16/24		•	•		•		
Cored wires								
ROLL KIT 0,9/1,1RT FI37 4PCS	KP14150-V09/11R		•	•		•		
ROLL KIT 1,0/1,2RT FI37 4PCS -/ORANGE	KP14150-V10/12R		•	•		•		
ROLL KIT 1,2/1,6RT FI37 4PCS ORANGE/YELL	KP14150-V12/16R		•	•		•		
ROLL KIT 1,4/2,0RT FI37 4PCS	KP14150-V14/20R		•	•		•		
ROLL KIT 1,6/2,4RT FI37 4PCS YELL/GREY	KP14150-V16/24R		•	•		•		
Aluminium wires								
ROLL KIT 0,6/0,8AT FI37 4PCS GREEN/BLUE	KP14150-U06/08A		•	•		•		
ROLL KIT 0,8/1,0AT FI37 4PCS BLUE/RED	KP14150-U08/10A		•	•		•		
ROLL KIT 1,0/1,2AT FI37 4PCS RED/ORANGE	KP14150-U10/12A		•	•		•		
ROLL KIT 1,2/1,6AT FI37 4PCS ORANGE/YELL	KP14150-U12/16A		•	•		•		
ROLL KIT 1,6/2,4AT FI37 4PCS YELL/GREY	KP14150-U16/24A		•	•		•		



DRIVE ROLL KIT (2R) – KIT CONTAINS 1 ROLL Ø 37 mm

Solid wires:								
ROLL D37 SW 0,6-0,8 MM	W000305125	•			•	•	•	•
ROLL D37 SW 0,8-1,0 MM	W000267598	•			•	•	•	•
ROLL D37 SW 1,0-1,2 MM	W000267599	•			•	•	•	•
ROLL D37 SW 1,2-1,6 MM	W000305126							
Cored wires:								
ROLL D37 CW 0,9-1,2 MM	W000277010				•	•	•	•
ROLL D37 CW 1,2-1,6MM	W000266330				•	•	•	•
ROLL D37 CW 1,4-1,6 MM	W000277011				•	•	•	•
Aluminium wires:								
ALUKIT 1,0-1,2	W000277622				•	•	•	•
ALUKIT 1,2-1,6	W000277623				•	•	•	•





MIG GUNS

PERFORMANCE
DEFINED

We are excited to present new products
in our premium LINGGUN® PROMIG™ family!

LINGGUN® PROMIG™ UD

PARAMETER CONTROL

Supplied with a **2-button module (Up/Down)** already installed and a **Cross-Switch module**, easy to change by yourself, just unscrew one screw.



Up/Down module to adjust the Wire Feeding Speed (WFS). Pressing the upper button will increase the speed, pressing the lower button will decrease it.



The **Cross Switch module** allows you to switch between different welding modes and to adjust the WFS.

Use the Cross Switch module to choose one of the following options:

1. Wire Feeding Speed and Arc Length / Trim
2. Wire Feeding Speed and Job
3. Wire Feeding Speed and Procedure A-B



NEW

SCAN QR CODE
WATCH THE VIDEO



LINGUN® PROMIG™

Premium MIG welding guns. Doubled warranty. Tested, approved & trusted.

TOP FEATURES

- Resistant to mechanical damage and high temperatures
- Long-life, proprietary wear parts delivering up to 70% more welding wire per contact tip
- Dedicated high quality liners ensuring smooth wire feeding
- Simplified use and wear parts management to reduce downtime
- Model 230T with a rotatable swan neck
- Screwed nozzle
- Wide range
- Extended warranty, double the industry standard
- Delivered ready to weld: with a long-life contact tip and a liner
- Wear parts common to the previous PROMIG range
- Compliant with EN 60974-7 norm
- Also available : LINGUN® PROMIG™ UD, supplied with a 2-button module (Up/Down) already installed and a Cross-Switch module



Choose your gun

rating calculated using CO₂

- air cooled
- water cooled

Series	Size	Rate	160A	180A	200A	230A	250A	270A	330A	350A	420A	500A
LG PROMIG	230T	60%	[Air Cooled]									
	270		[Air Cooled]									
	300		[Air Cooled]									
	400		[Air Cooled]									
	330W	100%	[Water Cooled]									
	400W		[Water Cooled]									
500W	[Water Cooled]											

MIG/MAG TORCHES

MIG GUNS



AIR-COOLED MODELS



		LG PROMIG 230T	LG PROMIG 270	LG PROMIG 300	LG PROMIG 300 UD	LG PROMIG 400
Duty cycle	CO ₂	230 A @ 60%	270 A @ 60%	300 A @ 60%	300 A @ 60%	400 A @ 60%
	M21	200 A @ 60%	240 A @ 60%	270 A @ 60%	270 A @ 60%	370 A @ 60%
Wire diameter options		0.8-1.0 mm	0.8-1.0 mm	1.0-1.2 mm	1.0-1.2 mm	1.0-1.6 mm
Original equipment	Contact tip	0.8 mm steel	1.0 mm steel	1.2 mm steel	1.2 mm steel	1.2 mm steel
	Nozzle	Ø 12 mm	Ø 14 mm	Ø 16 mm	Ø 16 mm	Ø 16 mm
Handle size, other feature		Small, rotatable swan neck for comfortable welding in hard-to-reach places	Small	Large		Large
Typical application		Thin plates, automotive industry, out of position welding	Thin plates, light fabrication, locksmithing	Vessel, manufacture, steel structures, boiler making, structural steelwork		Thick plates, heavy duty welding when water cooling is not possible
Reference						
3 m		W000275408-2	W000345060-2	W000345066-2	-	W000345072-2
4 m		W000275419-2	W000345061-2	W000345067-2	W100000297	W000345073-2
5 m		W000275420-2	W000345062-2	W000345068-2	-	W000345074-2



WATER-COOLED MODELS



		LG PROMIG 330W	LG PROMIG 400W	LG PROMIG 500W	LG PROMIG 500W UD
Duty cycle	CO ₂	330 A @ 100%	400 A @ 100%	500 A @ 100%	
	M21	300 A @ 100%	370 A @ 100%	450 A @ 100%	
Wire diameter options		0.8-1.0 mm	1.0-1.2 mm	1.0-1.6 mm	
Original equipment	Contact tip	1.0 mm steel	1.2 mm steel	1.2 mm steel	
	Nozzle	Ø 14 mm	Ø 16 mm	Ø 16 mm	
Handle size		Small	Small	Large	
Typical application		Precision and high-intensity applications	Intensive applications such as boiler making, structural steelwork, mechanical welding	Thick plates, heavy duty welding	
Reference					
3 m		W000345063-2	W000345069-2	W000345075-2	-
4 m		W000345064-2	W000345070-2	W000345076-2	W100000298
5 m		W000345065-2	W000345071-2	W000345077-2	-

LINGUN® PROMIG™ 230T

Nozzle

D12	W000345408
	W000345408 -B20**
D14	W000345409

Contact tip

Ø mm	Material	Part No.
0.8	Steel	W000345574
		W000345574-B50**
		W000345575
	Aluminium	W000345575-B50**
		W000345577
		W000345577-B50**

Diffuser

W000345335

LGP 230T

Ø mm	Steel or PTFE liner			
	3 m	4 m	5 m	
Steel (Steel liner)	0.8	W100000273 (blue)	W100000274 (blue)	W100000275 (blue)
	1.0	W100000276 (red)	W100000277 (red)	W100000278 (red)
1.2	-	-	-	

****NOW AVAILABLE WEAR PARTS IN BULK, MORE ECONOMICAL, MORE ECOLOGICAL**

LINGUN® PROMIG™ 270 / 330W

Nozzle*

D12	W000345410
	W000345411
D14	W000345411-B20**

Contact tip

Ø mm	Material	Part No.
0.8	Steel	W000345574
		W000345574-B50**
		W000345575
	Aluminium	W000345575-B50**
		W000345577
		W000345577-B50**
1.0	W000345576	
	W000345578	

Diffuser

W000345335

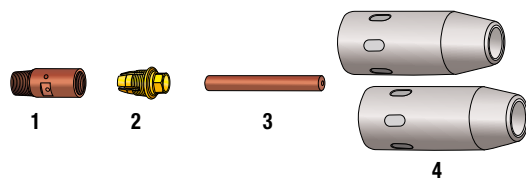
LGP 270 / 330W

Ø mm	Steel or PTFE liner			
	3 m	4 m	5 m	
Steel (Steel liner)	0.8	W100000273 (blue)	W100000274 (blue)	W100000275 (blue)
	1.0	W100000276 (red)	W100000277 (red)	W100000278 (red)
Aluminium (PTFE liner)	1.0	W100000279 (black)	W100000280 (black)	W100000281 (black)
	1.2	-	-	-

* Bottleneck nozzles W000345408 (D12) and W000345409 (D14) also can be used.

Options: Adjustable Long Tip

1	Special Contact Tip Holder	W000345334	Diffuser D4.8x50
2	Collet	W000345329	Collet D4.8x50
3	Special Contact Tip	W000345555	Contact tip D4.8x50 for 0.8mm steel wire
		W000345556	Contact tip D4.8x50 for 1.0mm steel wire
4	Nozzles	Please use standard nozzles for LGP 270 and 330W	



Red-colored wear parts assembled and delivered with the gun ** B50 = pack of 50 pcs, B20 = pack of 20 pcs

LINGUN® PROMIG™ 300 / 400W / 300 UD

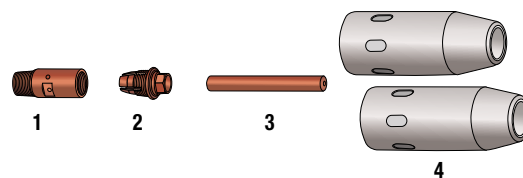
Nozzle		Ø mm		Contact tip	Diffuser	
D12*	W000345420	Steel	M 8 x 32	W000345580	W000345341	
D14	W000345421			1,0		W000345580-B50**
D16	W000345422			1,2		W000345582
				1,4		W000345582-B50**
						W000345584
						W000345584-B50**
Aluminium	W000345583	1,6	W000345585			
		1,0	W000345581			
		1,2	W000345583			
			W000345583-B50**			

		Steel or PTFE liner			
		Ø mm	3 m	4 m	5 m
LGP 300 / 400W	Steel (steel liner)	1,0	W100000282 (red)	W100000283 (red)	W100000284 (red)
		1,2			
		1,4	W100000285 (yellow)	W100000286 (yellow)	W100000287 (yellow)
		1,6			
Aluminium (PTFE liner)	1,0	W100000288 (black)	W100000289 (black)	W100000290 (black)	
	1,2				

**NOW AVAILABLE WEAR PARTS IN BULK, MORE ECONOMICAL, MORE ECOLOGICAL

Options: Adjustable Long Tip

1	Special Contact Tip Holder	W000345340	Diffuser D6.3x55
2	Collet	W000345331	Collet D6.3x55
3	Special Contact Tip	W000345561	Contact tip D6.3x55 for 1.0mm steel wire CuCrZr
		W000345563	Contact tip D6.3x55 for 1.2mm steel wire CuCrZr
		W000345566	Contact tip D6.3x55 for 1.6mm steel wire CuCrZr
		W000345564	Contact tip D6.3x55 for 1.2mm Alu wire
4	Nozzles	Please use standard nozzles for LGP 300 and 400W	



* Narrow nozzle W000345420 (D12) can be used only with a special contact tip holder: W000345342

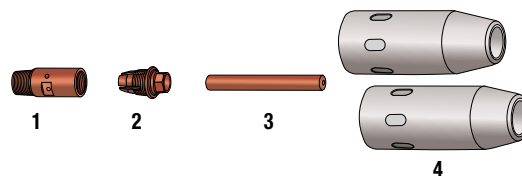
LINGUN® PROMIG™ 400 / 500W / 500W UD

Nozzle		Ø mm		Contact tip	Diffuser	
D16	W000345427	Steel	M 8 x 43,5	W000345587	W000345347	
	W000345427-B20**			1,0		W000345589
D19	W000345428			1,2		W000345589-B50**
				1,4		W000345591
				1,6		W000345592
				1,0		W000345588
Aluminium	W000345590	1,2	W000345590			
		1,6	W000345590-B50**			
			W000345593			

		Steel or PTFE liner			
		Ø mm	3 m	4 m	5 m
LGP 400 / 500W	Steel (Steel liner)	1,0	W100000282 (red)	W100000283 (red)	W100000284 (red)
		1,2			
		1,4	W100000285 (yellow)	W100000286 (yellow)	W100000287 (yellow)
		1,6			
Aluminium (PTFE liner)	1,0	W100000288 (black)	W100000289 (black)	W100000290 (black)	
	1,2	W100000291 (black)	W100000292 (black)	W100000293 (black)	

Options: Adjustable Long Tip

1	Special Contact Tip Holder	W000345346	Diffuser D6.3x55
2	Collet	W000345331	Collet D6.3x55
3	Special Contact Tip	W000345561	Contact tip D6.3x55 for 1.0mm steel wire CuCrZr
		W000345563	Contact tip D6.3x55 for 1.2mm steel wire CuCrZr
		W000345566	Contact tip D6.3x55 for 1.6mm steel wire CuCrZr
		W000345564	Contact tip D6.3x55 for 1.2mm Alu wire
4	Nozzles	Please use standard nozzles for LGP 400 and 500W	



Red-colored wear parts assembled and delivered with the gun

** B50 = pack of 50 pcs, B20 = pack of 20 pcs

LGS2 TORCHES

Simple and reliable – this range is adaptable to the most common applications.

Compliant with

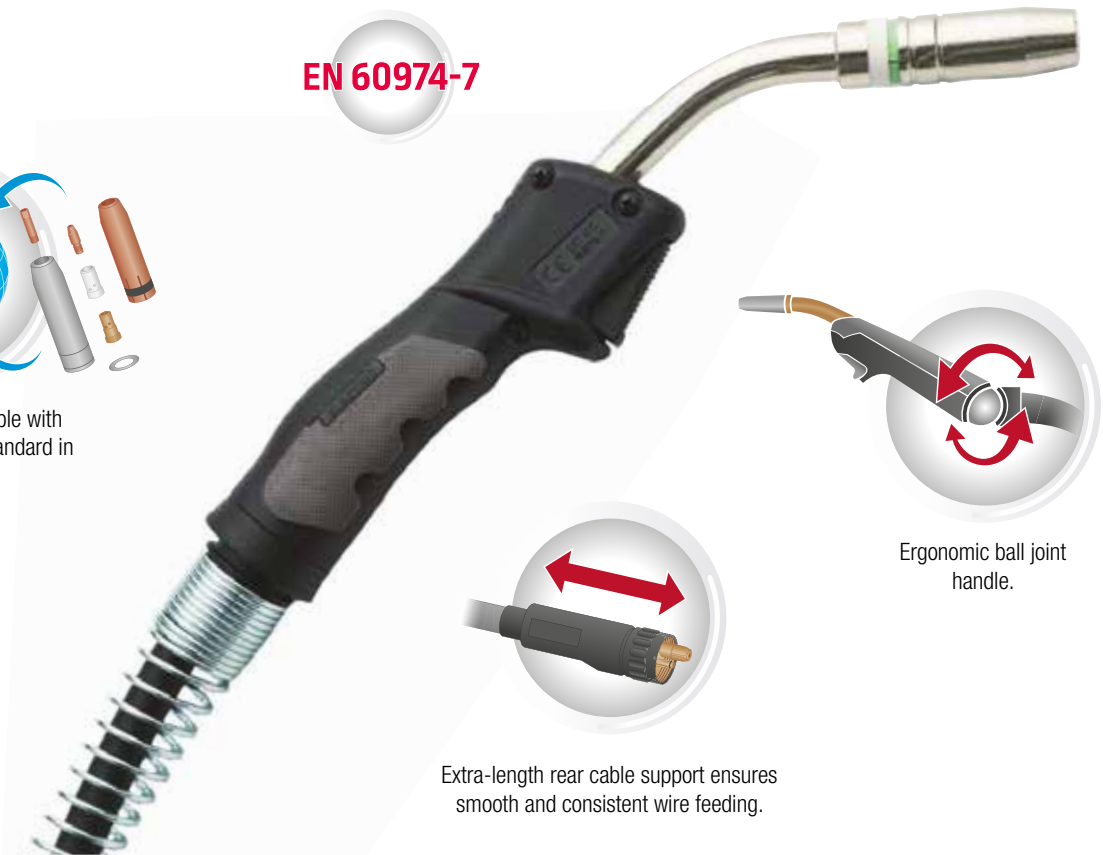
EN 60974-7



Wear parts compatible with the most common standard in Europe.



Extra-flexible cable.



Ergonomic ball joint handle.

Extra-length rear cable support ensures smooth and consistent wire feeding.

		AIR COOLING				WATER COOLING
MODEL		LGS2-150G	LGS2-250G	LGS2-240G	LGS2-360G	LGS2-505W
Duty cycle (CO ₂ shielding gas)		180 A @ 60%	230 A @ 60%	250 A @ 60%	330 A @ 60%	500 A @ 100%
Applications		1	2	2	3	4
Wire diameter		Up to 1.0 mm	Up to 1.2 mm	Up to 1.2 mm	Up to 1.6 mm	Up to 2.4 mm
Original equipment	Contact tip	0.8 mm	1.0 mm	1.0 mm	1.2 mm	1.2 mm
	Conical nozzle	12 mm	15 mm	12.5 mm	16 mm	16 mm

- 1 Thin plates, automotive industry
- 2 Thin plates, light fabrication
- 3 Vessel manufacture, steel structures
- 4 Heavy duty, high production

Reference					
3 m	W10429-15-3M	W10429-25-3M	W10429-24-3M	W10429-36-3M	W10429-505-3M
4 m	W10429-15-4M	W10429-25-4M	W10429-24-4M	W10429-36-4M	W10429-505-4M
5 m	W10429-15-5M	W10429-25-5M	W10429-24-5M	W10429-36-5M	W10429-505-5M

Choose your gun

rating calculated using CO₂

- air cooled
- water cooled

Series	Size	Rate	160A	180A	200A	230A	250A	270A	330A	350A	420A	500A
LGS2	150G	60%										
	250G											
	240G											
	360G											
	505W	100%										

LGS2 150G

Nozzle

Con. D10	W000010787
Con. D12.5	W000010786
Cyl. D16	W000010788
Innershield	WP10468

Contact tip

Ø mm	Material	Part Number
0.6	Steel	W000010820
		W000010823*
		W000010821
		W000010824*
		WP10440-09
0.8	Steel	W000010822
		W000010825*
1.0	Aluminium	WP10440-08A
		WP10440-10A

Contact tip holder

W000277903

Nozzle spring

W000277448

Steel or PTFE liner

Ø mm	Steel or PTFE liner			
	3 m	4 m	5 m	
LGS2 150G Steel (Steel liner)	0.6	W000010730 (blue)	W000010731 (blue)	W000010732 (blue)
	0.8	W000010733 (red)	W000010734 (red)	W000010735 (red)
	0.9	WP10422-3M (blue)	WP10422-4M (blue)	WP10422-5M (blue)
	1.0	W000010736 (red)	W000010737 (red)	W000010738 (red)
	1.2			

LGS2 250G

Nozzle

Con. D11	W000010791
Con. D15	W000010790
Cyl. D20	W000010792

Contact tip

Ø mm	Material	Part Number
0.8	Steel	W000010826
		W000010830*
		WP10441-09
		W000010827
		W000010831*
		W000010828
1.0	Aluminium	W000010832*
		WP10441-08A
		W000010850
1.2	Aluminium	W000010851

Contact tip holder

W000010720

Nozzle spring

W000277477

Steel or PTFE liner

Ø mm	Steel or PTFE liner			PTFE liner with copper spiral end		
	3 m	4 m	5 m	3 m	4 m	5 m
LGS2 250G Steel (Steel liner)	0.8	W000010730 (blue)	W000010731 (blue)	W000010732 (blue)		
	0.9	W000010733 (red)	W000010734 (red)	W000010735 (red)		
	1.0					
	1.2					
LGS2 250G Aluminium (PTFE liner)	0.8	WP10422-3M (blue)	WP10422-4M (blue)	WP10422-5M (blue)		
	1.0	W000010736 (red)	W000010737 (red)	W000010738 (red)	WP10419-3M (red)	WP10419-4M (red)
	1.2					

LGS2 240G

Nozzle

Con. D10	WP10461-9
Con. D12.5	WP10461-4

Contact tip

Ø mm	Material	Part Number
0.6	Steel	W000010820
		W000010821
		W000010824*
		WP10440-09
		W000010822
		W000010825
		WP10440-12
0.8	Aluminium	WP10440-12C*
		WP10440-08A
1.0	Aluminium	WP10440-10A
		WP10440-12A

Contact tip holder

WP10455-1

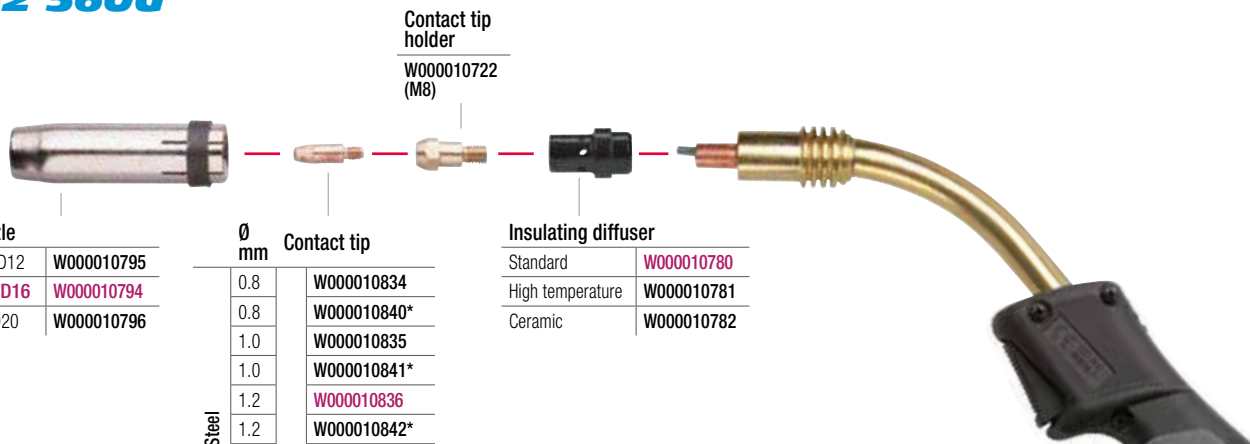
Insulating diffuser

Standard	WP10404-STD
High temperature	WP10404-HT
Ceramic	WP10404-CR

Steel or PTFE liner

Ø mm	Steel or PTFE liner			PTFE liner with copper spiral end		
	3 m	4 m	5 m	3 m	4 m	5 m
LGS2 240G Steel (steel liner)	0.6	W000010730 (blue)	W000010731 (blue)	W000010732 (blue)		
	0.8	W000010733 (red)	W000010734 (red)	W000010735 (red)		
	0.9					
	1.0					
	1.2					
LGS2 240G Aluminium (PTFE liner)	0.8	WP10422-3M (blue)	WP10422-4M (blue)	WP10422-5M (blue)		
	1.0	W000010736 (red)	W000010737 (red)	W000010738 (red)	WP10419-3M (red)	WP10419-4M (red)
	1.2					

LGS2 360G



Nozzle

Con. D12	W000010795
Con. D16	W000010794
Cyl. D20	W000010796

Contact tip

Ø mm	Contact tip
0.8	W000010834
0.8	W000010840*
1.0	W000010835
1.0	W000010841*
1.2	W000010836
1.2	W000010842*
1.32	WP10445-132C*
1.4	W000262703
1.4	W000262704*
1.6	W000010837
1.6	W000010843*
0.8	WP10445-08A
1.0	W000010853
1.2	W000010854
1.6	W000010855

Steel

Aluminium

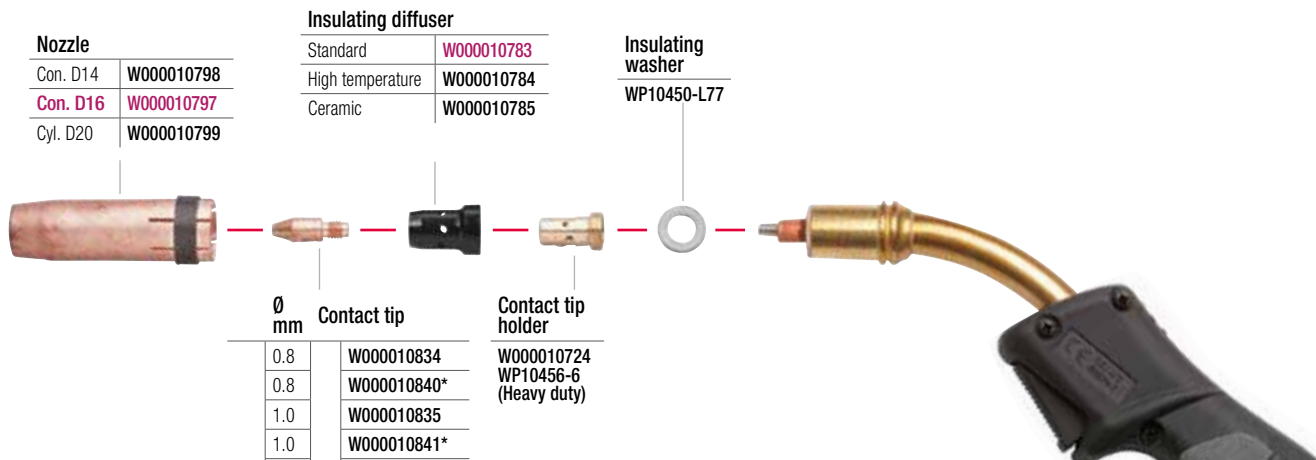
M 8 x 30

Insulating diffuser

Standard	W000010780
High temperature	W000010781
Ceramic	W000010782

	Ø mm	Steel or PTFE liner			PTFE liner with copper spiral end			
		3 m	4 m	5 m	3 m	4 m	5 m	
LGS2 360G	Steel (Steel liner)	0.8	W000010730 (blue)	W000010731 (blue)	W000010732 (blue)			
		1.0	W000010733 (red)	W000010734 (red)	W000010735 (red)			
		1.2						
	Aluminium (PTFE liner)	1.4	W000010867 (yellow)	W000010868 (yellow)	W000010869 (yellow)			
		1.6						
		0.8	WP10422-3M (blue)	WP10422-4M (blue)	WP10422-5M (blue)			
Aluminium (PTFE liner)	1.0	W000010736 (red)	W000010737 (red)	W000010738 (red)	WP10419-3M (red)	WP10419-4M (red)	WP10419-5M (red)	
	1.2							
	1.6	W000010745 (yellow)	W000010746 (yellow)	W000010747 (yellow)				

LGS2 505W



Nozzle

Con. D14	W000010798
Con. D16	W000010797
Cyl. D20	W000010799

Insulating diffuser

Standard	W000010783
High temperature	W000010784
Ceramic	W000010785

Insulating washer

WP10450-L77

Contact tip

Ø mm	Contact tip
0.8	W000010834
0.8	W000010840*
1.0	W000010835
1.0	W000010841*
1.2	W000010836
1.2	W000010842*
1.32	WP10445-132C*
1.4	W000262703
1.4	W000262704*
1.6	W000010837
1.6	W000010843*
0.8	WP10445-08A
1.0	W000010853
1.2	W000010854
1.6	W000010855

Steel

Aluminium

M 8 x 30

Contact tip holder

W000010724
WP10456-6 (Heavy duty)

	Ø mm	Steel or PTFE liner			PTFE liner with copper spiral end			
		3 m	4 m	5 m	3 m	4 m	5 m	
LGS2 505W	Steel (Steel liner)	0.8	W000010730 (blue)	W000010731 (blue)	W000010732 (blue)			
		1.0	WP10410-3M (uncoated)	WP10410-4M (uncoated)	WP10410-5M (uncoated)			
		1.2						
	Aluminium (PTFE liner)	1.4	WP10411-3M (uncoated)	W000010740 (uncoated)	W000010741 (uncoated)			
		1.6						
		0.8	WP10422-3M (blue)	WP10422-4M (blue)	WP10422-5M (blue)			
Aluminium (PTFE liner)	1.0	W000010736 (red)	W000010737 (red)	W000010738 (red)	WP10419-3M (red)	WP10419-4M (red)	WP10419-5M (red)	
	1.2							
	1.6	W000010745 (yellow)	W000010746 (yellow)	W000010747 (yellow)				



TIG TORCHES

PROTIG NG S & III S

Premium TIG torches for maintenance, light and heavy fabrication, construction, automotive industries.

All torches are supplied ready to use, the standard fitting table gives more information.

Advantages:

- Two handle styles: EB and RL
- High resistant proprietary wear parts
- Improved robustness.
- Highly flexible cable, user-friendly and robust against spatter burn-in
- Two cable lengths: 5 and 8 m
- The blade trigger may be oriented around the handle (only for PROTIG III S).
- Robust metal trigger (only for PROTIG III S).
- Neoprene sleeve with good maneuverability.
- 1 reference: the C5B connection of the torch fitted as standard, a banana plug included also.

PROTIG III S

The round handle with a blade trigger (RL).



PROTIG NG S

The ergonomic handle with button (EB).



AIR COOLED										
MODEL		PROTIG 10		PROTIG 20		PROTIG 30		PROTIG 40		
Duty cycle 35%		125 A		150 A		200 A		250 A		
Duty cycle 60%		80 A		100 A		130 A		200 A		
Fitted as standard	back cap		Long							
	nozzle		Ø 9,6 mm				Ø 12 mm			
	electrode		Ø 1,6 mm		Ø 2,0 mm		Ø 2,4 mm			
Length		5 m	8 m	5 m	8 m	5 m	8 m	5 m	8 m	
PROTIG III S	Connection	C5B/S	W000382715-2	W000382716-2	W000382717-2	W000382718-2	W000382719-2	W000382720-2	W000382721-2	W000382722-2
PROTIG NG S			W000278394-2	W000278395-2	W000278396-2	W000278397-2	W000278398-2	W000278399-2	W000278400-2	W000278401-2

WATER COOLED									
MODEL		PROTIG 10W		PROTIG 35W		PROTIG 40W			
Duty cycle 100%		220 A		350 A		450 A			
Fitted as standard	back cap		long						
	nozzle		Ø 12,8 mm		Ø 15 mm		Ø 14 mm		
	electrode		Ø 2,4 mm		Ø 4,0 mm		Ø 4,8 mm		
Length		5 m	8 m	5 m	8 m	5 m	8 m		
PROTIG III S	Connection	C5B/S	W000382723-2	W000382724-2	W000382725-2	W000382726-2	W000382727-2	-	
PROTIG NG S			W000278402-2	W000278403-2	W000278404-2	W000278405-2	W000278406-2	W000278407-2	

OPTIONS ON PROTIG NG S

Adjustable heads

Optional, adjustable torch bodies are available. They have been designed to make welding in limited access locations easier and come with small and large heads mounted on air or water cooled bodies.



Customize your PROTIG NG torch with the following body bents and heads:

- Air cooled body bent (10/20) W000279381
- Water cooled body bent (10W) W000279382
- Head PROTIG NG 10/10W W000279383
- Head PROTIG NG 20 W000279384

Modular system

All EB torches come with a single button module as standard. Additional control modules can be ordered.

Single button



Other buttons



Horizontal potentiometer

Vertical potentiometer

3 buttons module

Blade

W000279370
(4,7 Kohm)
WP10529-3
(10 Kohm)

W000279246
(4,7 Kohm)
WP10529-4
(10 Kohm)

WP10529-2

W000279245

Plug kits are needed in addition to the button modules: see below table

Choose your module & your plug kit for Protig NG S

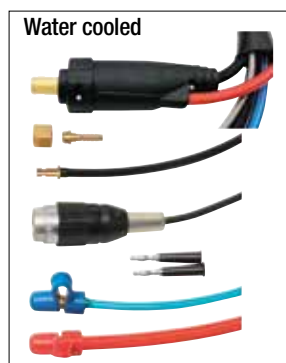
Button modules		
Reference	WP10529-2	WP10529-4 (10 Kohm) WP10529-3 (10 Kohm)
Plug kit	<ul style="list-style-type: none"> · No plug kit needed · Torch is connected to the machine through the C5B plug (5 pins) 	<p>WP10529-9</p>
Compatible with	<ul style="list-style-type: none"> · PRESTOTIG 315 / 415 DC · PRESTOTIG 200 AC / DC 	All Saf-fro machines with pedal control

The above modules work only with the PROTIG NG S torches (EB handle).

Connectors & adapters

Connectors

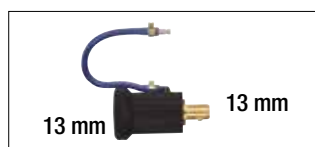
The connectors are newly designed, compact and fully protected and deliver both strength and quality. All hoses are made of rubber with a woven sheath for heavy duty work.



Adapters

For old torches with central gas to be connected to power sources with separate gas, use **W000306140**.

For torches with separate gas to be connected to power sources with central gas, use **W000306141**.



Dinse 9 to 13 mm
W000306139



Dinse 13 to 9 mm
038055011

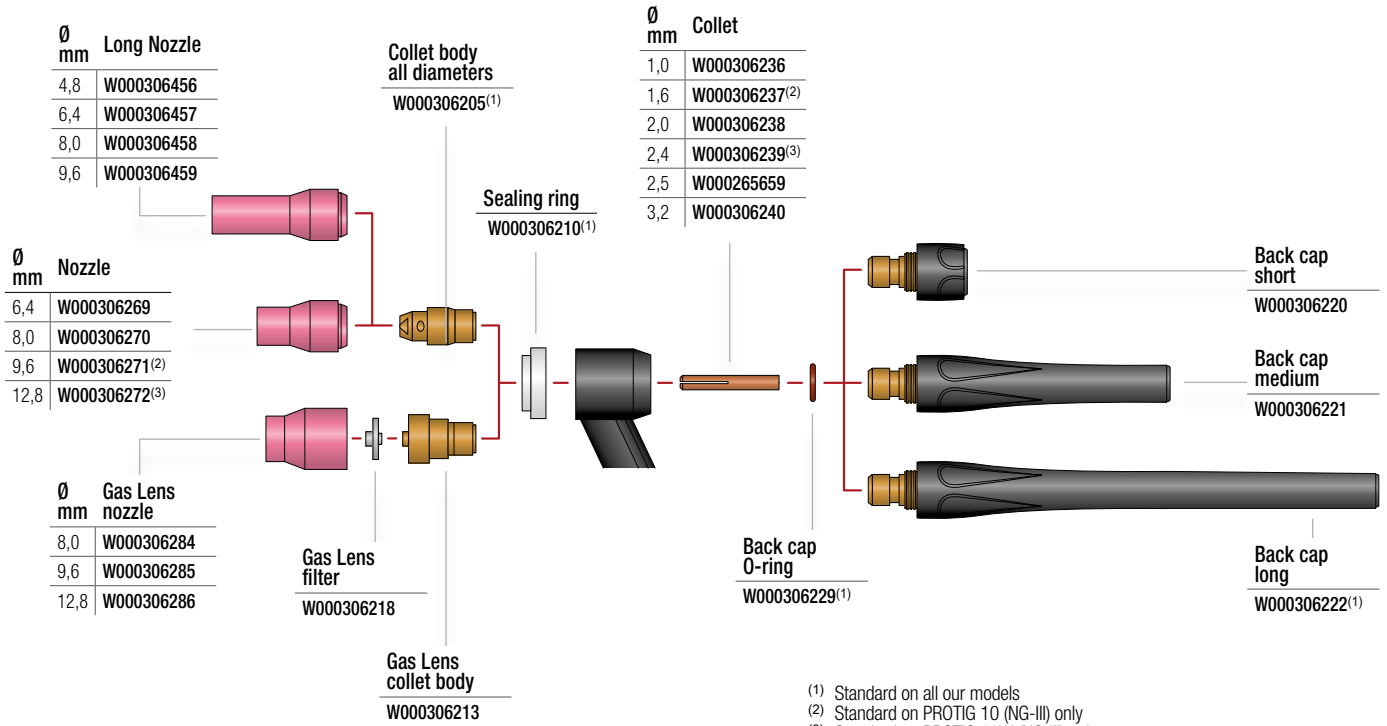


9 mm | 13 mm



13 mm | 9 mm

PROTIG 10 / 10W



Gas lens, for welding where access is difficult.

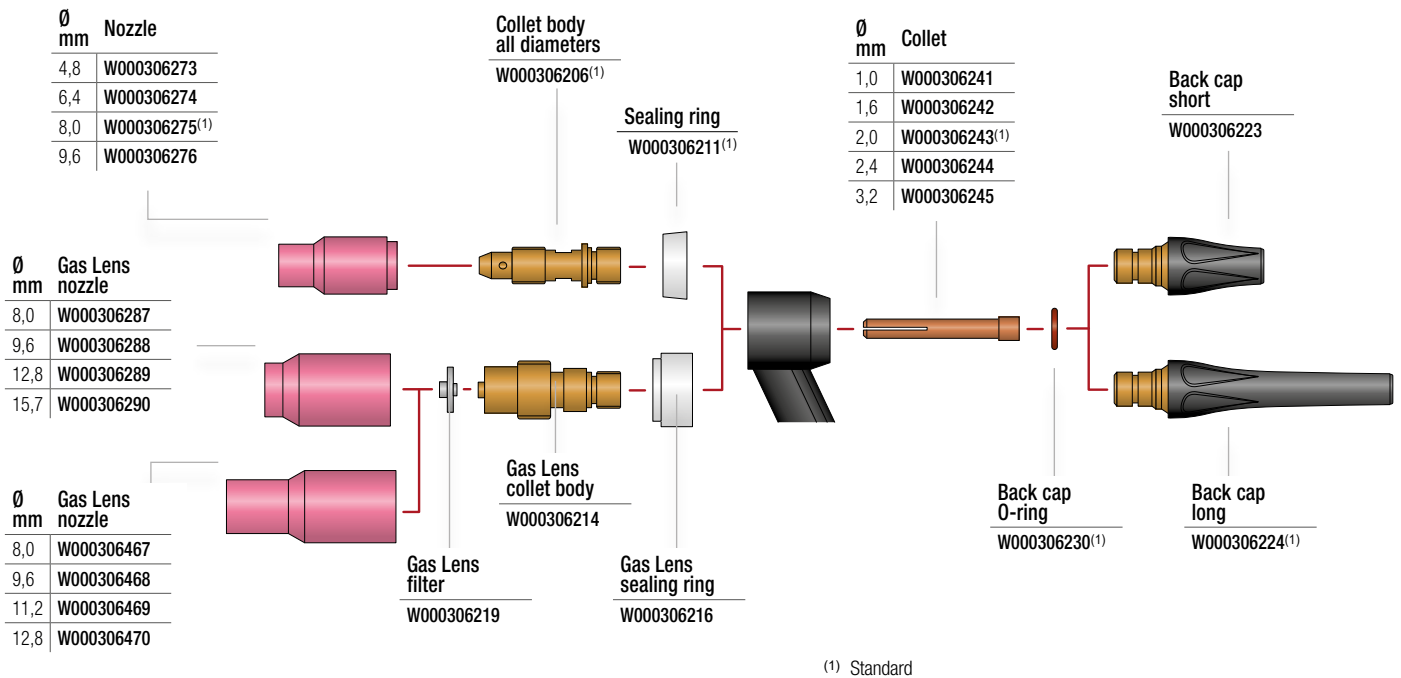
The gas lens collet body is supplied with a filter and a sealing ring.

The ring and the filter are supplied on their own.

Nozzles : choice of diameter

Welding current (A)	70	90	120	200
Diameter (mm)	6	8	10	12

PROTIG 20



Gas lens, for welding where access is difficult.

The gas lens collet body is supplied with a filter and a sealing ring.

The ring and the filter are supplied on their own.

Nozzles : choice of diameter

Welding current (A)	70	90	120	200	350
Diameter (mm)	6	8	10	12	15

PROTIG 30

Ø mm	Nozzle
6,4	W000306277
8,0	W000306278
9,6	W000306279
12,8	W000306280 ⁽¹⁾
15,7	W000306281

Ø mm	Long nozzle
6,4	W000306462
8,0	W000306463
9,6	W000306464
11,2	W000306465

Ø mm	Gas Lens nozzle
8,0	W000306287
9,6	W000306288
12,8	W000306289
15,7	W000306290

Ø mm	Gas Lens long nozzle
8,0	W000306467
9,6	W000306468
11,2	W000306469
12,8	W000306470

Ø mm	Collet
1,0	W000306246
1,6	W000306247
2,0	W000306248
2,4	W000306249 ⁽¹⁾
2,5	W000306261
3,2	W000306250
4,0	W000306251

Collet body all diameters W000306207⁽¹⁾

Sealing ring W000306211⁽¹⁾

Gas Lens collet body W000306214

Gas Lens filter W000306219

Gas lens sealing ring W000306216

Back cap short W000306223

Back cap O-ring W000306230⁽¹⁾

Back cap long W000306224⁽¹⁾

⁽¹⁾ Standard

Gas lens, for welding where access is difficult.

The gas lens collet body is supplied with a filter and a sealing ring.
The ring and the filter are supplied on their own.

Nozzles : choice of diameter

Welding current (A)	70	90	120	200	350
Diameter (mm)	6	8	10	12	15

PROTIG 35W / 40

Ø mm	Nozzle
6,4	W000306277
8,0	W000306278
9,6	W000306279
12,8	W000306280 ⁽²⁾
15,7	W000306281 ⁽³⁾

Ø mm	Nozzle
6,4	W000306462
8,0	W000306463
9,6	W000306464
11,2	W000306465

Ø mm	Gas Lens nozzle
8,0	W000306287
9,6	W000306288
12,8	W000306289
15,7	W000306290

Ø mm	Gas Lens long nozzle
8,0	W000306467
9,6	W000306468
11,2	W000306469
12,8	W000306470

Ø mm	Collet
1,0	W000306252
1,6	W000306253
2,0	W000306254
2,4	W000306255 ⁽²⁾
3,2	W000306256 ⁽³⁾
4,0	W000306257

Collet body all diameters W000306208⁽¹⁾

Sealing ring W000306212⁽¹⁾

Collet body heavy duty* W000306201

Gas Lens filter W000306219

Gas Lens collet body W000306215

Gas Lens sealing ring W000306217

Back cap short W000306225

Back cap O-ring W000306231⁽¹⁾

Back cap long W000306226⁽¹⁾

⁽¹⁾ Standard on all our models
⁽²⁾ Standard on PROTIG 40 (NG-III) only
⁽³⁾ Standard on PROTIG 35W (NG-III) only

* For the collet body « heavy duty », use the gas lens nozzles or the gas lens long nozzles

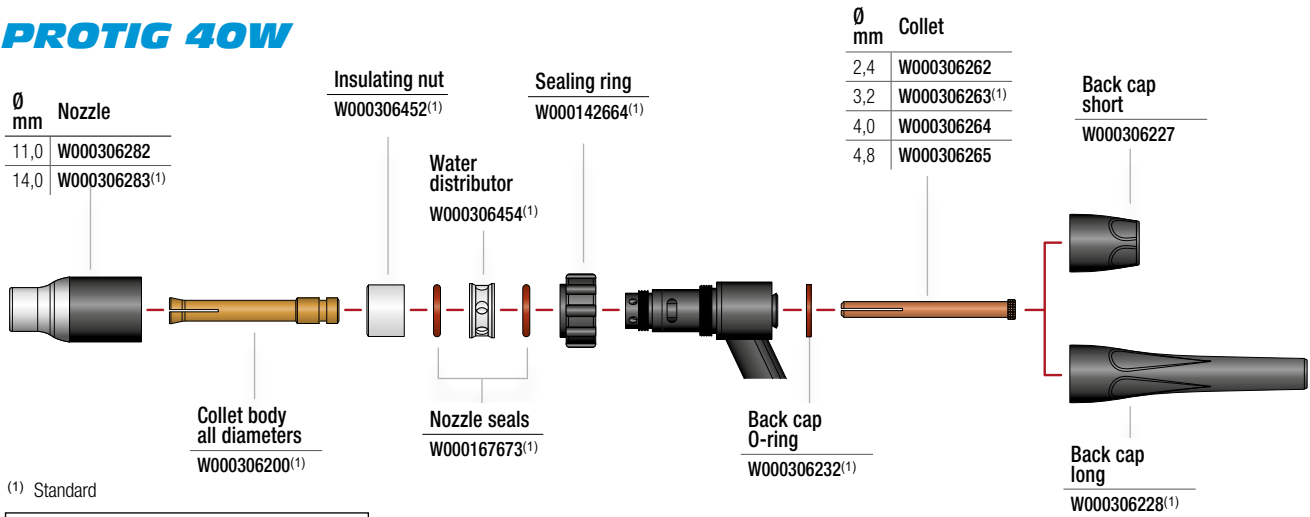
Gas lens, for welding where access is difficult.

The gas lens collet body is supplied with a filter and a sealing ring.
The ring and the filter are supplied on their own.

Nozzles : choice of diameter

Welding current (A)	70	90	120	200	350
Diameter (mm)	6	8	10	12	15

PROTIG 40W



Nozzles : choice of diameter

Welding current (A)	200	450
Diameter (mm)	11	14

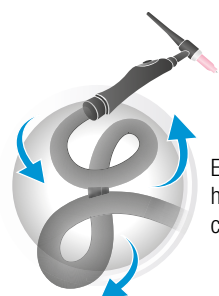
ACCESSORIES

WEAR PART BOX PROTIG 10 / 10W W000306441	WEAR PART BOX PROTIG 20 W000306442	WEAR PART BOX PROTIG 30 W000306443	WEAR PART BOX PROTIG 35W / 40 W000306444	WEAR PART BOX PROTIG 40W W000306445
Short back cap M8	Short back cap M10	Short back cap M10	Short back cap P40	Short back cap P40W
Medium back cap M8	Long back cap M10	Long back cap M10	Long back cap P40	Long back cap P40W
Long back cap M8	Collet body Protig 20	Collet body Protig 30	Collet body	Collet body
Collet body Protig 20			Back cap o-ring (x2)	Back cap o-ring (x2)
Collet Protig 10	Collet Protig 20	Collet Protig 30	Collet Protig 40	Elastic ring
				Nozzle seals (x2)
				Water distributor
				Insulating nut
Std nozzle	Std nozzle	Std nozzle	Std nozzle	Collet Protig 40
				Std nozzle

WEAR PART BOX PROTIG W000306441 W000306442 W000306443 W000306444 W000306445	EXTENSION CABLE 15M AIR W000306135	EXTENSION CABLE 15M WATER W000306136	ADAPTERS W000306140 W000306139 W000306141 038055011

WTT2 TORCHES

Simple and reliable, this range is adapted to the most common applications.



Extra-flexible, high-performance cable.



Easy pivoting handle (for EB handles).



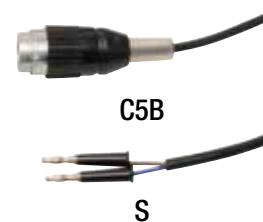
Standardized wear parts.



Handle – made with high temperature silicon rubber.

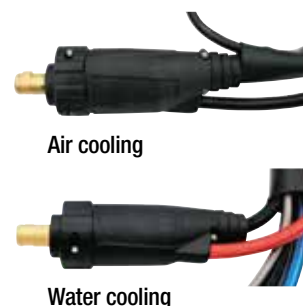
MODEL		AIR COOLING							
		WTT2 9		WTT2 17		WTT2 26			
Duty cycle at 40 °C	60%	80 A		100 A		130 A			
	35%	110 A		135 A		180 A			
Original equipment	back cap	Long							
	nozzle	Ø 9,6 mm		Ø 9,6 mm		Ø 12,8 mm			
	electrode	Ø 1,6 mm		Ø 2,0 mm		Ø 2,4 mm			
Length		4 m		8 m		4 m			
Handle	RL	Connection	S	W000278878	W000278923	W000278883	W000278918	W000278888	W000278914
			C5B	W000278879	W000278922	W000278884	W000278917	W000278890	W000278913
			S	W000278877	W000278929	W000278881	W000278920	W000278886	W000278916
			C5B	W000278875	–	W000278882	W000278919	W000278887	W000278915
	V	V (Conn. 9 mm)	W000278876	–	W000278880	–	–	–	
		V (Conn. 13 mm)	–	–	W10529-17-4V	–	W000278885	–	
	EB-FLEX	S / C5B	W000382781	–	W000382782	W000382783	W000382784	W000382785	

Connections



Connector

Shaped cable output for improved robustness.



MODEL		WATER COOLING					
		WTT2 20 W		WTT2 18 W			
Duty cycle at 40 °C	100%	200 A		320 A			
	60%	250 A		350 A			
Original equipment	back cap	Long					
	nozzle	Ø 12,8 mm		Ø 16 mm			
	electrode	Ø 2,4 mm		Ø 3,2 mm			
Length		4 m		8 m			
Handle	RL	Connection	S	W000278893	W000278906	W000278897	W000278900
			C5B	W000278894	W000278905	W000278898	W000278899
	EB	S	W000278891	W000278911	W000278895	W000278902	
		C5B	W000278892	W000278909	W000278896	W000278901	
	EB-FLEX	S / C5B	W000382786	W000382787	W000382788	W000382789	

Handle



RL



EB



V



EB-FLEX

WTT2 TIG TORCHES WEAR PARTS

Model WTT2 9/9V & 20 W

TIG TORCHES

Nozzle

Ø 6,4	W000306417
Ø 8,0	W000306418
Ø 9,6	W000306419 ⁽²⁾
Ø 11,2	W000306420
Ø 12,8	W000306421 ⁽³⁾
Ø 16,0	W000306422

Back cap short
W000306398



Back cap medium
W000306400



Back cap long
W000306402⁽¹⁾



Back cap O-ring
W000306404⁽¹⁾



Collet

Ø 1,0	W000306406
Ø 1,6	W000306407 ⁽²⁾
Ø 2,0	W000306408
Ø 2,4	W000306409 ⁽³⁾
Ø 3,2	W000306410

Sealing ring
W000306396⁽¹⁾



Collet body

Ø 1,0	W000306376
Ø 1,6	W000306377 ⁽²⁾
Ø 2,0	W000306378
Ø 2,4	W000306455 ⁽³⁾
Ø 3,2	W000306379



Long nozzle

Ø 4,8	W000306456
Ø 6,4	W000306457
Ø 8,0	W000306458
Ø 9,6	W000306459



Gas Lens collet body

Ø 1,0	W000306385
Ø 1,6	W000306386
Ø 2,0	W000306460
Ø 2,4	W000306387
Ø 3,2	W000306388



Gas Lens nozzle

Ø 6,4	W000306429
Ø 9,6	W000306431
Ø 11,2	W000306432
Ø 12,8	W000306433



Gas Lens

The gas lens provides a laminar gas flow delivering concentrated shielding of the tungsten electrode and allowing an increased stickout, which improves access to restricted joint configurations.



⁽¹⁾ Standard on all our models

⁽²⁾ Standard on WTT2 9 EB / 9 RL / 9V only

⁽³⁾ Standard on WTT2 20W EB / 20W RL only

WEAR PART BOX WTT2 9 / 9V / 20W

W000371535

Short back cap 9-20	
Medium back cap 9-20	
Long back cap 9-20	
Collet body	1,6 mm
	2,0 mm
	2,4 mm
	3,2 mm
Collet Protig 10	1,6 mm
	2,0 mm
	2,4 mm
	3,2 mm
Std nozzle	8,0 mm
	9,6 mm
	11,2 mm
	12,8 mm



WEAR PART BOX
WTT2 9 / 9V / 20W
W000371535



WTT2 TIG TORCHES WEAR PARTS

Model WTT2 17/17V, 26/26V & 18 W



Nozzle	
Ø 6,4	W000306423
Ø 8,0	W000306424
Ø 9,6	W000306425 ⁽²⁾
Ø 11,2	W000306426
Ø 12,8	W000306427 ⁽³⁾
Ø 16,0	W000306428 ⁽⁴⁾
Ø 19,2	W000306461

Back cap short
W000306399



Back cap long
W000306403⁽¹⁾



Back cap O-ring
W000306405⁽¹⁾



- (1) Standard on all our models
(2) Standard on only WTT2 17
(3) Standard on only WTT2 18W
(4) Standard on only WTT2 26

Collet	
Ø 1,0	W000306411
Ø 1,6	W000306412
Ø 2,0	W000306413 ⁽²⁾
Ø 2,4	W000306414 ⁽³⁾
Ø 3,2	W000306415 ⁽⁴⁾
Ø 4,0	W000306416

Collet body	
Ø 1,0	W000306380
Ø 1,6	W000306381
Ø 2,0	W000270781 ⁽²⁾
Ø 2,4	W000306382 ⁽³⁾
Ø 3,2	W000306383 ⁽⁴⁾
Ø 4,0	W000306384

Sealing ring
W000306397⁽¹⁾



Gas Lens sealing ring
W000306466



Gas Lens collet body	
Ø 1,0	W000306389
Ø 1,6	W000306390
Ø 2,4	W000306391
Ø 3,2	W000306392
Ø 4,0	W000306393

Long nozzle

Ø 6,4	W000306462
Ø 8,0	W000306463
Ø 9,6	W000306464
Ø 11,2	W000306465



Gas Lens nozzle

Ø 6,4	W000306434
Ø 8,0	W000306435
Ø 9,6	W000306436
Ø 11,2	W000306437
Ø 12,8	W000306438
Ø 16,0	W000306439



Long Gas Lens nozzle

Ø 8,0	W000306467
Ø 9,6	W000306468
Ø 11,2	W000306469
Ø 12,8	W000306470



Gas Lens

The gas lens provides a laminar gas flow delivering concentrated shielding of the tungsten electrode and allowing an increased stickout, which improves access to restricted joint configurations.



WEAR PART BOX WTT2 17 / 26 / 18W

W000371536

Short back cap 17-18-26

Long back cap 17-18-26

Collet body	1,6 mm
	2,4 mm
	3,2 mm
	4,0 mm
Collet	1,6 mm
	2,4 mm
	3,2 mm
	4,0 mm
Std nozzle	9,6 mm
	11,2 mm
	12,8 mm
	16,0 mm



WEAR PART BOX
WTT2 17 / 26 / 18W
W000371536



TUNGSTEN ELECTRODES

A complete range of tungsten electrodes.

Product advantages:

- Very high life cycle
 - Perfect arc ignition
 - Very stable arc
 - Tip longevity
- Pure tungsten
 - Tungsten + cerium
 - Tungsten + lanthanum
 - Tungsten + rare earths



CAUTION: before use, carefully read and understand the safety datasheet available

Type	Metal		Arc stability	Striking	Lasting	Thermal resistance
	Aluminium	Steel & Stainless steel				
WP – pure tungsten	*		**	*	*	*
WC 20 – Cerium 2%		*	**	*	**	**
WL 15 – Lanthanum 1,5%	**	***	**	***	***	***
WL 20 – Lanthanum 2%	*	***	**	***	***	***
WS 20 – Rare earths ⁽¹⁾ 2%	*	*	**	***	***	***

*** Excellent ** Good * Average

⁽¹⁾ Rare earths = any of the abundant metallic elements, including scandium (atomic number 21), yttrium (39), and the 15 elements from 57 to 71 (lanthanide series include lanthanum and cerium) in the Mendeleev classification.

WS 2-Rare Earths

Ø (mm)	Length (mm)	Reference
1.6	175	W000335167
2.4	175	W000335169
3.2	175	W000335171

WLa 15-Lanthanum 1.5%

Ø (mm)	Length (mm)	Reference
1.6	150	W000402663
2.0	150	W000402664
2.4	150	W000402665
3.2	150	W000402667

WP-Pure Tungsten

Ø (mm)	Length (mm)	Reference
1.6	150	W000010010
1.6	175	W000010375
2.0	150	W000010011
2.4	150	W000010012
2.4	175	W000010377
3.2	150	W000010014
3.2	175	W000010378
4.0	150	W000010015

WLa20-Lanthanum 2%

Ø (mm)	Length (mm)	Reference
1.0	150	W000010373
1.6	150	W000010016
1.6	175	W000010385
2.0	150	W000010017
2.0	175	W000010386
2.4	150	W000010018
2.4	175	W000010387
3.2	150	W000010020
3.2	175	W000010388
4.0	150	W000010021

WCe-Cerium 2%

Ø (mm)	Length (mm)	Reference
1.6	150	W000010023
1.6	175	W000335153
2.0	150	W000010024
2.4	150	W000010025
2.4	175	W000335154
3.2	150	W000335150
3.2	175	W000335157
4.0	150	W000010028

Recommended welding intensities

Electrode diameter	Direct current	Alternating current	
	Tungsten with oxide addition	Pure tungsten	Tungsten with oxide addition
1.0 mm	10 A to 70 A	15 A to 55 A	15 A to 70 A
1.6 mm	20 A to 100 A	45 A to 90 A	60 A to 125 A
2.0 mm	50 A to 140 A	65 A to 125 A	85 A to 160 A
2.4 mm	70 A to 170 A	80 A to 140 A	120 A to 210 A

Electrode diameter	Direct current	Alternating current	
	Tungsten with oxide addition	Pure tungsten	Tungsten with oxide addition
3.0 mm	100 A to 210 A	140 A to 180 A	140 A to 230 A
3.2 mm	130 A to 250 A	150 A to 190 A	150 A to 250 A
4.0 mm	150 A to 350 A	180 A to 260 A	240 A to 350 A

See the batch number on the tungsten electrode packaging and consult your conformity certificate on our websites



PLASMA TORCHES

		AIR COOLING					
		LC 30 (Hand)	LC 45 (Hand)	LC 65 (Hand)	LC 105 (Hand)	LC 65 (Machine)	LC 105 (Machine)
Flow rate		125l/min@5,0 bar	125l/min@5,0 bar	130l/min@5,0 bar	280l/min@5,5 bar	130l/min@5,0 bar	280l/min@5,5 bar
Duty Cycle		30A@60%	45A@45%	60A@60%	100A@60%	60A@60%	100A@60%
Thickness (mm)	mild steel	12	16	25	40	25	40
	severance	20	25	30	45	30	45

	LC 30	LC 45	LC 65	LC 105	LC 65	LC 105
	Hand				Machine	
4 m	W100000325	-	-	-	-	-
6 m		W100000327	-	-	-	-
7,5 m	-	-	PTH-061A-CX-7M5A	PTH-101A-CX-7M5A	PTM-061A-CX-7M5A	PTM-101A-CX-7M5A
15 m	-	-	PTH-061A-CX-15MA	PTH-101A-CX-15MA	PTM-061A-CX-15MA	PTM-101A-CX-15MA

LC 30 (hand)

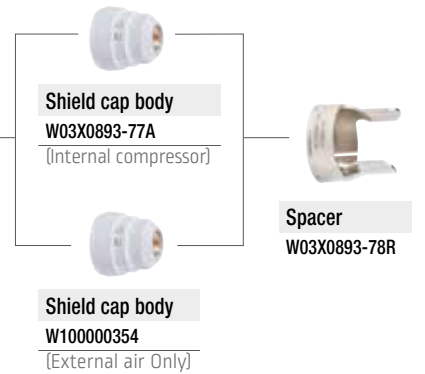
12/20 mm



Electrode
W03X0893-75A

Gas distributor
W03X0893-5R

Tip
W100000326
(30A)



LC 45 (hand)

12/20 mm



Electrode
W100000328
(shielded, gouging)

Electrode
W100000341
(extended)

Electrode
W100000344
(easy to reach)

Gas distributor
W100000333

Tip
W100000329
(shielded)

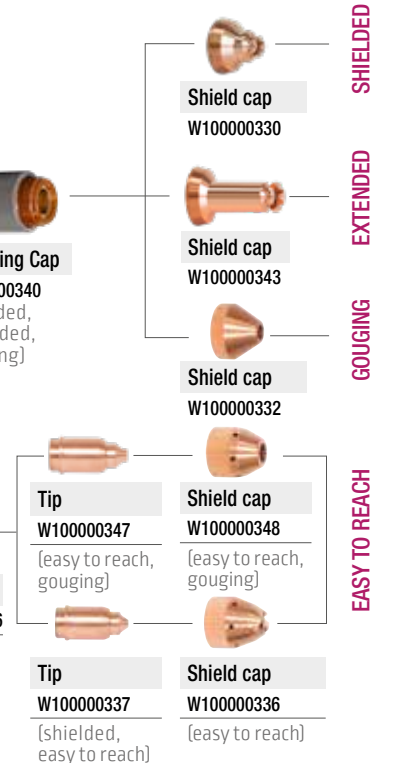
Tip
W100000342
(extended)

Tip
W100000331
(gouging)

Retaining Cap
W100000345
(easy to reach)

Ring
W100000346
(easy to reach)

Retaining Cap
W100000340
(shielded, extended, gouging)

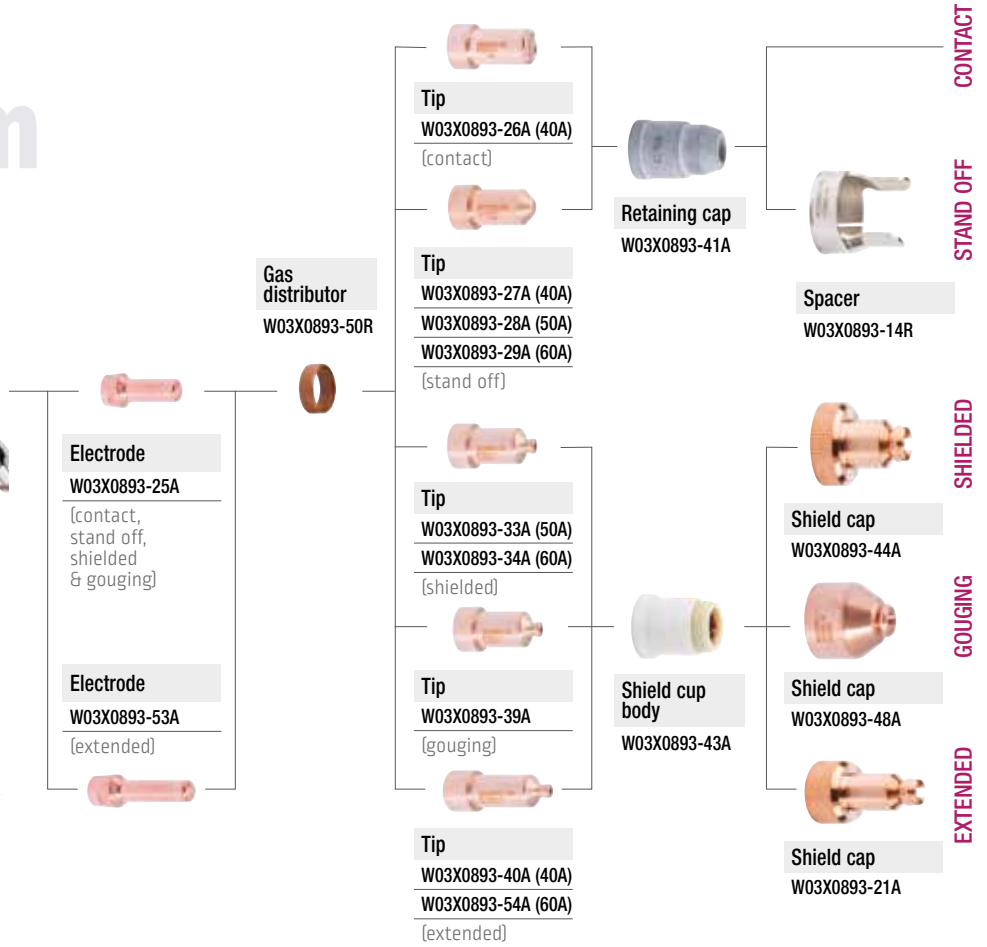


25/30 mm

LC 65 (Hand)



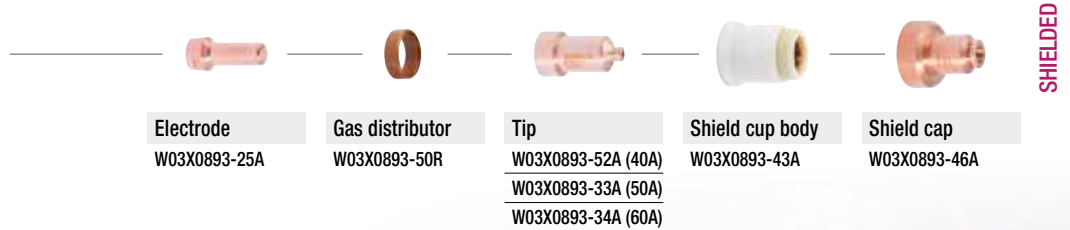
Plasma box LC65
W03X0893-113A



LC 65 (Machine)



25/30 mm



40/50* mm

LC 105 (Hand)

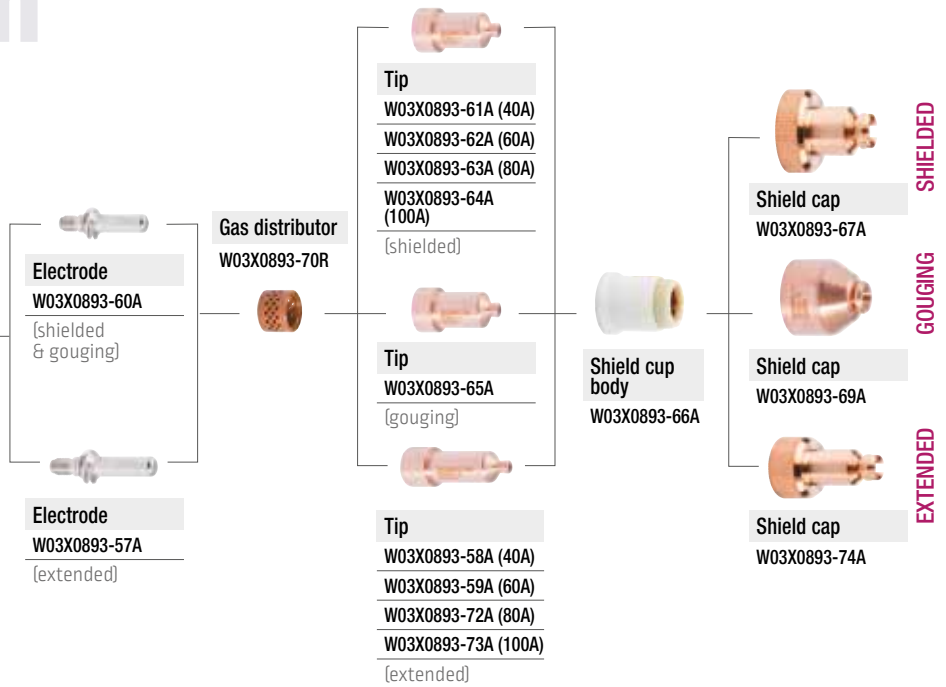


*With 100A premium wear parts



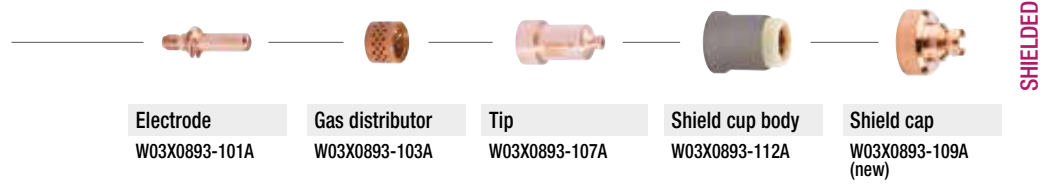
Plasma box LC105
W03X0893-115A

PLASMA TORCHES



PREMIUM: 100A

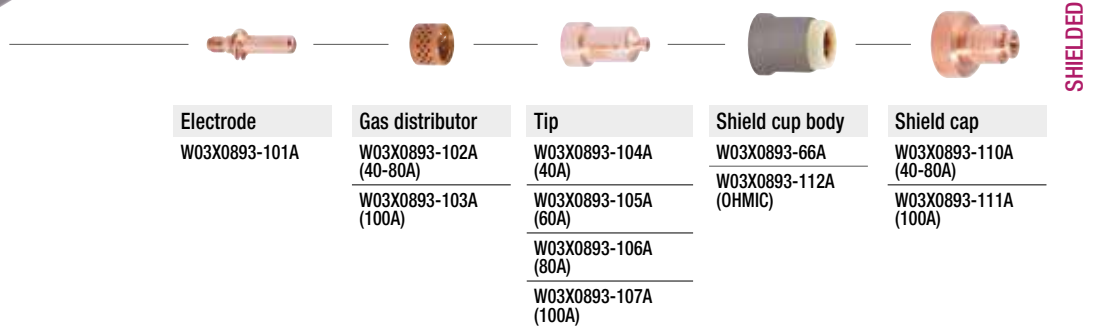
- Increased cutting velocity
- Extended life
- Improved cutting quality



LC 105 (Machine)



40/45 mm



AIR FILTER LAF1250

Sub-micron filter for compressed air. Designed to remove moisture, oils and sprays particles from air compressors, thus providing clean, free of oil and dry air.

- Better quality of the cut.
- Longer life time of consumables.
- Increases time life of the torch itself.
- Compatible with any plasma cutting machine and torch.
- Filter cartridge easily replaceable.
- Useful also for different applications machines (spray painting, pneumatic tools, ...)



Reference

Air filter LAF1250	W88X1456A
Filter cartridge	W8800117R

BEVEL TOOL



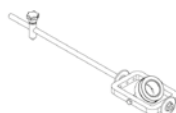
CUTTING ATTACHMENT



Bevel tool
W03X0893-119A



Cutting circles
(max diam. 820 mm)
W0300699A



Circle kit to suit LC45
W100000338



Bevel tool to suit LC45
W100000339





WELDLINE®

by Lincoln Electric





WELDLINE®

by Lincoln Electric

MORE COMFORT AND SAFETY FOR WELDERS

Weldline® by Lincoln Electric is the transversal brand for the Welder's Environment.

By a complete offer of individual protective equipment as well as tools and accessories dedicated to welding applications, our objective is to create more comfort and safety for the welder. The portfolio is a careful selection of quality products including:

- Welding torches and expendables
- Personal protection equipment
- Other accessories for welding applications



Download your **safety data sheets** and **conformity certificates** on our websites





WELDING HELMETS

OVERVIEW



Specifications	FGS™ Series	3350 Series	2450 Series	Eurowave 3.0 LS Black / Streetart	Eurospeed LS Black / Weld play	Chameleon 3V0 Streetart / Welding Legend / Squad	Euroone
Variable Shade Range/Control	5-13 Internal	5-13 Internal	5-13 Internal	8-13 Internal	9-13 Internal	8-13 Internal	9-13 External
Optical Clarity Rating	1/1/1/1	1/1/1/1	1/1/1/1	1/1/1/1	1/1/1/2	1/1/1/2	1/1/1/2
Auto-Darkening Viewing Area	108 x 75 mm	95 x 85 mm	97 x 62 mm	97 x 60mm	98 x 44 mm	97 x 40 mm	98 x 44 mm
Grind Mode Shade / Control	DIN4 / Internal	DIN4 / External	DIN4 / External	DIN3 / External	DIN3,5 / Internal	DIN3/No	DIN3,5/External
Delay Control Dark to Light (sec)	0,0-1,0 Digital Adjustment	0,1-1,0 s fully adjustable	0,1-1,0 s fully adjustable	0,1-1,0 s fully adjustable	0,1-1,0 by infinitely dial knob	0,1-1,0 by infinitely dial knob	0,1-1,0 by infinitely dial knob
Number of Arc Sensors	4	4	4	4	2	2	2
Weight (g)	793	606	595	560	475	445	490
Lens Switching Speed (sec)	1/25,000	1/25,000	1/25,000	1/25,000	1/25,000	1/12,000	1/16,000
Optic Technology	4C Technology	4C Technology	4C Technology	Light Shade Technology	Light Shade Technology	Standard	Standard
Magnifying "Cheater" Capable Lens	Yes	Yes	Yes	Yes	No	Yes	No
TIG Amp Rating	≥2 A /DC ≥2 A /AC	≥2 A /DC ≥2 A /AC	≥2 A /DC ≥2 A /AC	≥2 A /DC ≥2 A /AC	≥5 A /DC ≥5 A /AC	≥5 A /DC ≥5 A /AC	≥10 A /DC ≥ 10 A /AC
Light Sensitivity Control	Digital Display Control	Continuous	Continuous	Continuous	by infinitely dial knob	by infinitely dial knob	by infinitely dial knob
Bonus accessories	Side Windows + Planch of stickers + Bag + Bandana	Planch of stickers + Bag + Bandana	Planch of stickers + Bag + Bandana	-	Planch of stickers	-	-
Cartridge Size (mm)	122 x 154,5	114 x 133 mm	114 x 133 mm	114 x 133 mm	110 x 90 mm	110 x 90 mm	110 x 90 mm
Auto-Darkening Viewing Area (mm²)	8100	8075	6014	5820	4312	3880	4312
Headgear Type	UPGRADED FOUR AXIS PIVOT	X6 AXIS PIVOT	X6 AXIS PIVOT	FOUR AXIS PIVOT	FLEXSPEED LS + cushion	FLEX3V0	FLEXONE
Battery Type	Solar cell + 2 CR2450 Replaceable Batteries	Solar cell + 2 CR2450 Replaceable Batteries	Solar cell + 2 CR2450 Replaceable Batteries	Solar cell + 2×CR2450 replaceable lithium battery	Solar cell + Battery replaceable (2xAAA Alkaline batteries)	Solar cell + 2 alkaline battery	Solar cells, no battery change required
Graphic options	1	4	2	2	3	3	1
Value Proposition	Best In Class Specifications With Added Productivity & Safety Features	Best in Class Specifications & Features	Enhanced Versatility	Light state DIN3	Good value	Efficient value solution with Optical class improved and variant graphics	Efficient value solution with grinding mode

Specifications	Europure Plus 5500 LS	Zephyr LS/Flipair 4500 LS
Variable Shade Range/Control	5-13 Internal	5-13 Internal
Graphic options	1	2
Optical Clarity Rating	1/1/1/1	1/1/1/2
Auto-Darkening Viewing Area	107 x 75 mm	97 x 60 mm
Grind Mode Shade / Control	DIN4/External	DIN3/External
Delay Control Dark to Light (sec)	0,1-1,0 s fully adjustable	0,1-1,0 s fully adjustable
Number of Arc Sensors	4 independent optical sensors	4 independent optical sensors - Magnetic in X mode
Weight (g)	793 + 1867	938 + 1760
Lens Switching Speed (sec)	1/25,000	1/25,000
Optic Technology	Light Shade Technology	Light Shade Technology
Magnifying "Cheater" Capable Lens	Yes	Yes
TIG Amp Rating	≥2 A /DC ≥2 A /AC	≥2 A /DC ≥2 A /AC
Light Sensitivity Control	Continuous	Continuous
Bonus accessories	Side Windows + Planch of stickers + Duffle Bag + Bandana+Shoulder Straps	Duffle Bag +Shoulder Straps
Cartridge Size (mm)	156 x 123 mm	110 x 90 mm
Auto-Darkening Viewing Area (mm²)	8025	5820
Headgear Type	Advanced Headgear	FLEXTECH I
Battery Type	Solar cells + 2 exchangeable lithium batteries Battery type: Rechargeable Li-ion Battery (More effective)	Solar cells + 2 exchangeable lithium batteries Battery type: Rechargeable Li-ion Battery (More effective)
Low Battery Indicator	Visible, Audible and Vibrate alarms to ensure safety	Visible, Audible and Vibrate alarms to ensure safety
Stand by time of battery (h)	9	8
Time of charge of battery (h)	1	4
Air flow rate (l/min)	Low speed: 170l/min, High speed: 210l/min	Low speed:160l/min, High speed:200l/min
Battery Type	Solar cell + 2 CR2450 Replaceable Batteries	Solar cell + 2 CR2450 Replaceable Batteries
Value Proposition	The ultimate welder protection - TH3 Class	Complete solution designed to protect welders in the most effective way - TH2 Class

VIKING™ 3250D FGS™**NEW****The single helmet solution.**

- Perfect 1/1/1/1 optical clarity rating (EN379).
- DIN 4/5-13.
- Integrated clear grind shield with anti-fog coating.
- Shade five side windows notably increase peripheral vision.
- Extra large auto darkening display (108 x 75 mm) offers a wide screen view
- Enhanced Outdoor Performance
- Magnifying "cheater" lens capability.
- New, pivot-style headgear.

Reference

Viking™ Helmet 3250D FGS™	K3540-3-CE
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**VIKING™**
WELDING HELMETS

CE

VIKING™ 3350 SERIES 4**NEW****The new & improved VIKING™ 3350, our top-of-the line helmet series, is the ultimate blend of optics comfort & versatility.**

- Perfect 1/1/1/1 optical clarity rating (EN379).
- Continuously variable 5-13 shade with internal control.
- Continuously variable sensitivity and delay.
- Grind mode - external button.
- 95 x 85 mm view size: the largest in the VIKING line.
- Large (133 x 114 mm) cartridge size.
- Four arc sensors.
- Enhanced Outdoor Performance
- Magnifying "cheater" lens capability.
- New, pivot-style headgear.

Reference

Viking™ 3350 Daredevil	K3683-4-CE
Viking™ 3350 Motorhead™	K3100-4-CE
Viking™ 3350 BlackMat	K3034-4-CE
Viking™ 3350 Mojo™	K3101-4-CE

**VIKING™**
WELDING HELMETS

CE

Processes

Stick, TIG, Pulsed TIG, MIG, Pulsed MIG, Flux-Cored, Gouging, Grinding

Processes

Stick, TIG, Pulsed TIG, MIG, Pulsed MIG, Flux-Cored, Gouging, Grinding

VIKING™ 2450 SERIES

NEW

The new & improved VIKING™ 2450, our lightweight premium helmet series, offers an excellent blend of optics, comfort & versatility.

- Perfect 1/1/1 optical clarity rating (EN379).
- Continuously variable 5-13 shade with internal control.
- Continuously variable sensitivity and delay.
- Grind mode - external button.
- 97 x 62 mm view size.
- Large (133 x 114 mm) cartridge size.
- Four arc sensors.
- Enhanced Outdoor Performance
- Magnifying "cheater" lens capability.
- New, pivot-style headgear.

Reference

Viking™ 2450 Black	K3028-4-CE
Viking™ Heavy Metal®	K3029-4-CE



Processes

Stick, TIG, Pulsed TIG,
MIG, Pulsed MIG,
Flux-Cored, Gouging,
Grinding

VIKING™
WELDING HELMETS



EUROWAVE 3.0 LS

NEW

Light-weight autodarkening helmet with optimised head protection and an exclusive design.

- The viewing area of 97 x 60mm.
- Lens switching speed: 1/25,000 s.
- Lightweight and comfortable.
- Four arc sensors.
- DIN 3/8-13.
- Grind mode - external button.
- Large (133 x 114 mm) cartridge size.
- Magnifying "cheater" lens capability.

Reference

Eurowave 3.0 LS Black	W403900
Eurowave 3.0 LS Streetart	W403901



Processes

Stick, TIG, Pulsed TIG,
MIG, Pulsed MIG,
Flux-Cored, Gouging,
Plasma Cutting,
Grinding

WARRANTY
2
YEARS





EUROSPEED LS

All the comfort and security of an autodarkening helmet, delivered with different stickers for personalisation. PREMIUM OPTICS with Exclusive LS technology which creates a crystal clear, true colour view of the arc and puddle.

- The viewing area of 98 x 44 mm.
- Lens switching speed: 1/25,000 s.
- Two arc sensors.
- DIN 3.5/9-13.
- Delivered with one inside and two outside protection plates plus a sweat band and comfort cushion on the headgear.
- Magnifying "cheater" lens capability.

Processes

Stick, TIG, Pulsed TIG, MIG, Pulsed MIG, Flux-Cored, Gouging, Plasma Cutting, Grinding

WARRANTY
18
MONTH



Reference

Eurospeed LS	W000403824
Eurospeed LS Weld Play	W000403824-6



CHAMELEON 3VO

Auto Darkening Welding Helmet, Comfortable and light with Auto-Start ADF Filter, Black, Blue and Red. Anti-fog coating - helps maintain a consistently clear view.

- The viewing area of 97 x 40 mm.
- Lens switching speed: 1/12,000 s.
- Two arc sensors.
- DIN 3/8-13.
- Delivered with one inside and two outside protection plates plus antifog treated screen, one anti-transpiration headband and one comfort cushion.
- Magnifying "cheater" lens capability.

Processes

Stick, MIG

WARRANTY
1
YEAR



Reference

Chameleon 3VO Squad	W403547
Chameleon 3VO Streetart	W000403546
Chameleon 3VO Welding Legend	W403548



EUROONE

Auto Darkening Welding Helmet Comfortable and light with external grinding mode, Black and Red.

- The viewing area of 98 x 44 mm.
- Lens switching speed: 1/16,000 s.
- Two arc sensors.
- DIN 3,5/9-13.
- Grind mode - external button.
- Delivered with two outside and two inside protection plates plus a sweat band.

Reference	
Euroone	W000403823
Euroone No rules No Limits	W000403823-1



NEW



Processes
Stick, MIG,
Plasma Cutting,
Grinding



ACCESORIES

DUFFLE BAG

- Generous Dimensions - WELDLINE BY LINCOLN ELECTRIC Duffle bag holds your Welding Gear and/or after-work street cloths Black/Red (68 x 34 x 31 cm).

Reference	
Order code	2019-STUDENTSET



LED LIGHT

Welding helmet lights for darker workstations. Darker workstations cause inefficiency. The added ambient light is intended to illuminate the area around the weld zone, so that old tired eyes, and young defective eyes can better see the markers of direction of travel and speed needed to get a good weld, no matter what shade you are using. It is adding to the reflected light surrounding the weld area, but only in a minute amount to the light coming from the arc, and the molten metal of the puddle.

Reference	
LED LIGHT	WP202201





EUROPUREPLUS™ 5500 LS

POWERED AIR PURIFYING RESPIRATOR-TH3 Class.

- Extra large viewing area of 107 x 75 mm.
- Lens switching speed: 1/25,000 s.
- Four arc sensors.
- DIN 4/5-13.
- Magnifying cheater lens capability
- Integrated clear grind shield with anti-fog coating.
- Shade five side windows notably increase peripheral vision.
- Helmet with powered and filtered air flow.
AIR FLOW RATE (l/min) : Low speed:170l/min ;High speed:210l/min



Reference

EUROPUREPLUS™ 5500 LS	W403676
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Processes

Stick, TIG, Pulsed TIG, MIG, Pulsed MIG, Flux-Cored, Gouging, Plasma Cutting, Grinding



Blower



ZEPHYR LS / FLIPAIR LS

Bring the fume protection and filtered air directly to the operator working in difficult conditions.

- Large viewing area of 5 820 mm².
- Lens switching speed: 0.04 ms.
- Four arc sensors.
- DIN 3/5-13.
- INFOTRACK & X-mode.
- Helmet with powered and filtered airflow.
- ZEPHYR LS: Grinding mode with external button.
- FLIPAIR LS: FLIP UP version.
- Flip-up LCD filter for grinding (Flipair LS).
- The ultimate welder protection.
- Delivered in a rugged carry bag with accessories.



Reference

Zephyr LS Helmet	W000403674
Zephyr LS LCD cell	W000402681
Flipair LS Helmet	W000403675
Flipair LS LCD cell	W000402682

Processes

Stick, TIG, Pulsed TIG, MIG, Pulsed MIG, Flux-Cored, Gouging, Plasma Cutting, Grinding



OPTIONAL ACCESSORIES EUROPURE PLUS 5500 LS



PAPR - ADJUSTABLE LEATHER BELT ASSEMBLY

Adjustable leather belt assembly secures EUROPURE PLUS 5500 LS air purifying blower to operators waist.

- Cushioned backpad for enhanced comfort
- Leather belt offers excellent durability against heat, spatter, sparks and more
- Slide adjustable fit allows operator to adjust tightness



Reference

PAPR - Adjustable Leather Belt Assembly WP403676-29

BACKPACK

Replaces belt and shoulder straps to improving weight distribution and comfort.



Reference

Backpack WP403676-31

FILTER TYPE: A1B1E1K1

Features:

- Captures organic, inorganic and acidic gases and vapours

Protection:

- Against organic gases / Inorganic gases / Sulfur dioxide, acidic gases / Ammonia and organic ammonia derivatives

Application operation:

- Assembly, facility maintenance, grinding, machine operation, welding, painting

Application industry:

- Chemicals, mining, oil, natural gas

Can be combined with P3 FILTER for a protection against particulates.



Reference

Filter type: A1B1E1K1y WP403676-30

ODOR FILTER



Reference

Odor filter WP403676-36

*Official launching Q3 2023

FAST-CHARGING EXTENDED BATTERY

- Battery type : Rechargeable Li-ion Battery
- Battery duration : 15 hours (Low speed : 170+ lpm)
9 hours (High speed : 210+ lpm)
- Battery charge time : 2 hours
- Battery life : 550 charges



Reference

Fast-charging Extended battery WP403676-2



WELDING GEAR

MIG UNIVERSAL COMFORT

- The UNIVERSAL COMFORT gloves are designed to protect the hand during normal welding applications in MMA/MIG/MAG/TIG processes and have a grain leather palm for extra sensitivity.



★★★★☆
Heat resistance



★★★★☆
Dexterity



★★★★☆
Abrasion resistance



★★★★☆
Molten metal splashes



Recommended use

Stick, MIG

Personal Protective Equipment regulation (UE)2016/425

EN 420:2003+(A1:2009) - 3
EN 407:2004 - 4 1 3 2 4 x
EN 388:2016 - 2 1 3 2 x
EN 12477:2001+(A1:2005) - TYPE A

Reference

Size 9	WG-MIG-1-CE-T9
Size 10	WG-MIG-1-CE
Size 11	WG-MIG-1-CE-T11
Size 12	WG-MIG-1-CE-T12

MIG UNIVERSAL COMFORT +

- The UNIVERSAL COMFORT + gloves are designed to protect the hand during normal welding applications in MMA/MIG/MAG processes.



★★★★☆
Heat resistance



★★★★☆
Dexterity



★★★★☆
Abrasion resistance



★★★★☆
Molten metal splashes



Recommended use

Stick, MIG

Personal Protective Equipment regulation (UE)2016/425

EN 420: 2003+(A1:2009) - 3
EN 407:2004 - 4 1 3 2 4 x
EN 388:2016 - 4 2 3 4 x
EN 12477:2001+(A1:2005) - TYPE A

Reference

Size 7	WG-MIG-2-CE-T7
Size 8	WG-MIG-2-CE-T8
Size 9	WG-MIG-2-CE-T9
Size 10	WG-MIG-2-CE
Size 11	WG-MIG-2-CE-T11

MIG IRON PROTECT

- The MIG IRON PROTECT gloves are designed to deliver a high level of protection during normal welding applications in MMA/MIG/MAG processes.



★★★★★
Heat resistance



★★★★☆
Dexterity



★★★★☆
Abrasion resistance



★★★★★
Molten metal splashes



Recommended use

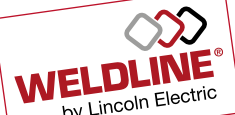
Stick, MIG

Personal Protective Equipment regulation (UE)2016/425

EN 420: 2003+(A1:2009) - 3
EN 388:2016 - 4 2 3 4 x
EN 407:2004 - 4 1 3 2 4 x
EN 12477:2001+(A1:2005) - TYPE A

Reference

Size 10	WG-MIG-3-CE
Size 11	WG-MIG-3-CE-T11



MIG IRON PROTECT +

- The MIG IRON PROTECT+ gloves are designed to deliver a high level of protection during normal welding applications in MMA/MIG/MAG processes.
- The natural grain leather palm provides extra sensitivity.



Recommended use

Stick, MIG

Personal Protective Equipment regulation (UE)2016/425

EN 420: 2003+(A1:2009) - 3
EN 388:2016 - 2 1 2 2 x
EN 407:2004 - 4 1 3 2 4 x
EN 12477:2001+(A1:2005) - TYPE A

Reference

Size 10	WG-MIG-4-CE
Size 11	WG-MIG-4-CE-T11

MIG IRON ALU

- The MIG IRON ALU gloves are designed for a high level of protection of hands during heavy welding applications.
 - **COMFORT:** the Split leather (1.1-1.3 B" thickness 1.1 / 1.3 mm color Red, black) and the cotton fleece lining which increases the glove's thermal insulation
 - **RESISTANCE:** the aluminized textile back offers strong resistance to heat, radiation and small splashes of molten metal. Aluminized Fabric: 100% para-aramid, 480 g / m², BASF THERMAL ENGINEERING.
 - **SAFETY:** the split leather cuff helps to protect a large part of the forearm against mechanical hazards.



Recommended use

MIG-MAG / MMA

Personal Protective Equipment regulation (UE)2016/425

EN 21420:2020
EN 388:2019
EN 407:2004
EN 12477:2001+A1:2005

Reference

Size 10	W10420
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THERMAL SCREEN

Thermal protection added to a glove.

- Dimensions 200 x 150 mm.
- Fitted with two elastic straps at palm and cuff level.
- Split leather lined with Kevlar. Heat and flame resistant.
- One aluminised side reflects 95% of radiant heat.
- Double Kevlar thread seams.
- The set consists of two pieces.



EN 532

Reference

W335162



TIG FLEX SENSITIVE

- The TIG FLEX SENSITIVE gloves are designed to give a high level of dexterity and flexibility for normal welding applications in TIG/Flame processes.
- The favourite gloves of TIG welders.
- Made of goat leather.



Recommended use

TIG

Personal Protective Equipment regulation (UE)2016/425

EN 420 :2003+(A1:2009) - 3
EN388 :2016 - 2 1 3 2 x
EN407 :2004 - 4 1 3 2 4 x
EN 12477:2001+(A1:2005) - TYPE A

Reference

Size 8	WG-TIG-8-CE
Size 9	WG-TIG-9-CE
Size 10	WG-TIG-10-CE
Size 11	WG-TIG-11-CE

WORKER GLOVES FULL LEATHER STEEL

- Top grain cowhide leather delivers excellent fit and dexterity whilst the goat skin back allows the glove to breathe.
- The palm is padded for comfort with the hook and loop soft rubber tabbed wrist closure and a flexible elastic band ensures a snug, comfortable fit.



Recommended use

Fabrication work

Personal Protective Equipment regulation (UE)2016/425

EN 388:2016+(A1) - 3 1 1 1 x

Reference

Size S	W2977-S-CE
Size M	W2977-M-CE
Size L	W2977-L-CE
Size XL	W2977-XL-CE

TIG FLEX SENSITIVE Female

- The TIG FLEX SENSITIVE FEMALE gloves are designed to ensure the high level of dexterity and flexibility for regular welding applications in TIG/Flame processes.
- Made of goat leather, they are favoured by female TIG welders.



Recommended use

TIG

Personal Protective Equipment regulation (UE)2016/425

EN 420 :2003+(A1:2009) - 3
EN388 :2016 - 2 1 3 2 x
EN407 :2004 - 4 1 3 2 4 x
EN 12477:2001+(A1:2005) - TYPE A

Reference

Size 8	WG-TIG-8-CE-L
Size 9	WG-TIG-9-CE-L



MIG UNIVERSAL COMFORT
Female

- The UNIVERSAL COMFORT FEMALE gloves are designed to protect hands during regular welding applications in MMA/MIG/ MAG/TIG processes and have grain leather palms for extra sensitivity.



★★★★☆
Heat resistance



★★★★★
Dexterity



★★★★★
Abrasion resistance



★★★★★
Molten metal splashes



Recommended use

Stick, MIG

Personal Protective Equipment regulation (UE)2016/425

EN 420: 2003+(A1:2009) - 3
EN 407:2004 - 4 1 3 2 4 x
EN 388:2016 - 2 1 3 2 x
EN 12477:2001+(A1:2005) - TYPE A

Reference

Size 8	WG-MIG-1-CE-T8-L
Size 9	WG-MIG-1-CE-T9-L



WELD'her

Personal protective equipment



New Weldline PPE Collection

for Women

Complete your personalized set

WELD'FIT COMFORT



WELD'fit products are heat and flame resistant and provide the highest protection for the welders.

Composition:

- Jacket: split leather, grain leather.
- Apron, sleeves and gaiters: split leather, grain leather.

Standard:

Rules (EU) 2016/425 European Regulation on Personal Protective Equipment

UNI EN ISO 13688:2013: (general requirements for innocuousness, ergonomics and sizes),

UNI EN ISO 11611:2015: (use in welding operations and related procedures) Products are manufactured according to the Rules (EU) 2016/42

SHORT AND LONG SLEEVES

The short and long sleeves in split leather are intended to protect arms from fine welding spatters.

- Made of split leather tanned with chromium salts (mineral substances).
- Fixed with leather straps.
- Elastic ribbing on the wrists.
- Single size.

Reference

Short oversleeves	W000404083
Long oversleeves	W000404084

PPE II° category
Certified by EU
425/2016
EN 11611 A1
Class 2

Long oversleeves

Our long oversleeves cover sleeves up to 60 cm long. They are ergonomic, elastic at the wrist and easy to fasten with leather laces on the shoulders.



Short oversleeves

Short oversleeves cover sleeves up to 40 cm long, and are ergonomic and elastic at the ends.

SPLIT LEATHER WELDING JACKET

Fastened with snap buttons covered with leather, our comfortable split leather jacket has an inside pocket. Split leather welding jackets are designed to protect the upper body of the user from fine welding spatters and grinding particles.

- The jacket fastens in the front with an overlap of leather and Velcro for additional protection against spatters; the inner neck is made of double cotton for comfort.
- Elastic ribbing on the wrists.
- Finished in red trim.
- Length: ± 780 mm.

Reference

Size S*	W000404090-S
Size M*	W000404090-M
Size L	W000404090-L
Size XL	W000404090
Size 2XL	W000404091
Size 3XL*	W000404090-3XL
Size 4XL*	W000404090-4XL
Size 5XL*	W000404090-5XL

* On demand

PPE II° category
Certified by EU
425/2016
EN 11611 A1
Class 2

Button closure
under flap

Customise your
welding jacket
thanks to the
removable velcro
band



Breathable

GRAIN LEATHER WELDING JACKET

Fastened with snap buttons covered with leather, our comfortable, regular fit grain leather jacket has an inside pocket and an elasticated wrist.

- Half of the back is made from flame retardant cotton, ensuring the jacket is light and flexible.
- The jacket fastens in the front with an overlap of leather and Velcro for additional protection against spatters; the inner neck is made of double cotton for comfort.
- Elastic ribbing on the wrists.
- Finished in red trim.
- Length: \pm 780 mm.



Reference

Size S*	W000404092-S
Size M*	W000404092-M
Size L	W000404092-L
Size XL	W000404092
Size 2XL	W000404093
Size 3XL*	W000404092-3XL
Size 4XL*	W000404092-4XL
Size 5XL*	W000404092-5XL

* On demand



GRAIN LEATHER WELDING JACKET

Female

Fastened with snap buttons covered with leather, grain leather jackets for HER are adjustable and comfortable. These welding jackets are designed to protect the upper body.

- 100% leather.
- The jacket overlaps in the front offering additional protection against spatters. The inner neck coating consists of two layers of cotton for extra comfort.
- Finished in pink trim.
- Length: \pm 780 mm.
- Available sizes: S, M, L, XL.
- One split leather bag included.

Reference

Size S	WJL-S-2019
Size M	WJL-M-2019
Size L	WJL-L-2019
Size XL	WJL-XL-2019



GAITERS

Split leather gaiters, fastened with straps or with leather band are used to protect the bottom of the trousers and shoes from sparks and heat generated during welding and grinding operations.

Length: 30 cm.

- The gaiters are manufactured from four pieces that are stitched together. Adjustable leather belt/velcro strap and under-strap are added to secure the shoes.



PPE II° category
Certified by EU
425/2016
EN 11611 A1
Class 2



Reference

Gaiters with straps W000404081

Gaiters with velcro W000404082

LEATHER APRON

Designed to protect clothes from welding spatters and grinding particles.



PPE II° category
Certified by EU
425/2016
EN 11611 A1
Class 2

Grain leather apron

Split leather apron

Split leather apron:

- Premium split leather protective welding apron is tanned with chromium salts (mineral substances).
- Leather or cotton strap with quick release clips attached to the waist and the flap.

Fastened with clips or cotton straps.

Grain leather apron:

- Protective welding apron made of premium grain leather tanned with chromium salts (mineral substances).
- Leather strap fixed through bound eyelets to the waist and the flap.
- Single size.

Reference

Grain leather apron 1100 x 800 W000404085

Split leather apron 1100 x 800 W000404086

Split leather apron 900 x 600 leather laces W000404087

Split leather apron 900 x 600 fabric laces W000404088

WELD'FIT COTTON CLOTHING

WELD'fit WELDING GARMENTS are made from 305 gr/m² flame retardant fabric – high heat resistance and spatter, contain multiple pockets which are fastened with velcro and manufactured according to EN ISO 11611:2015 Class 1/A1+A2.

As requested by EN norms, our items have clear and permanent markings and are sold together with their instruction manual.

Regulation:

Personal Protective Equipment Regulation PPER (EU) 2016/425.

EN ISO 11611 - Protective clothing for welding and related processes.

Clothing produced according to EN ISO 11611 serves to protect the wearer whilst welding or performing allied processes involving comparable risks. This clothing provides protection against spatter (minor splashes of molten metal) and so-called welding beads as well as brief contact with flames and radiant heat from the arc. Under normal welding conditions, it offers limited electrical insulation against DC voltage of up to approximately 100 V. According to EN ISO 11611, the clothing is divided into the following classes depending on their level of protection: Class 1 or Class 2.

Class 1 – protection against less hazardous welding techniques and situations causing lower levels of spatter and radiant heat.

A1-A2 – Protection against limited flame spread.



Customisable velcro



Sleeve tightening snap button

BLACK WELDING TROUSERS - FLAME RETARDANT COTTON

Practical and comfortable trousers in flame retardant cotton. Black & Red flame retardant fabric 305 gr/m².

- Knee protection.
- Left side back pocket, fastened with velcro.
- Black Kevlar thread (Aramid fabric).
- Machine Washable 40°.



Personal Protective Equipment Regulation

PPER (EU) 2016/425

EN ISO 11611:2015 Class 1/A1+A2

Reference

Size M	WP10570-M
Size L	WP10570-L
Size XL	WP10570-XL
Size 2XL	WP10570-2XL



WELDING HOOD - FLAME RETARDANT COTTON

One size fits all. Head and neck cover. Black & Red flame retardant fabric 305 gr./m². Width: 30 cm.

- Black Kevlar thread (Aramid fabric).
- Machine Washable 40°.



Personal Protective Equipment
Regulation

PPER (EU) 2016/425

EN ISO 11611:2015 Class 1/A1+A2

Reference

All size	W2995-ALL-CE
----------	--------------

DOO RAG - FLAME RETARDANT COTTON

One size fits all. Let your WELDLINE by LINCOLN ELECTRIC colours show! This premium doo rag, made from 305 gr./m² flame retardant fabric, features an athletic mesh for fast sweat evaporation.

- Black Kevlar thread (Aramid fabric).
- Machine Washable 40°.



Personal Protective Equipment
Regulation

PPER (EU) 2016/425

EN ISO 11611:2015 Class 1/A1+A2

Reference

All size	W2993-ALL-CE
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WELDING BEANIE - FLAME RETARDANT COTTON

One size fits all. Protect your head with this authorised WELDLINE by LINCOLN ELECTRIC flame retardant beanie.

- Black Kevlar thread (Aramid fabric).
- Stretch.
- Machine Washable 40°.



Personal Protective Equipment
Regulation

PPER (EU) 2016/425

EN ISO 11611:2015 Class 1/A1+A2

Reference

All size	W2994-ALL-CE
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TRADITIONAL SPLIT LEATHER-SLEEVED JACKET

Split cowhide sleeves resist spatter and wear, whilst lightweight material on the chest and back keep the wearer cool and comfortable. This basic jacket features an inside pocket and adjustable sleeves. Stylish and comfortable. Adjustable sleeves snap into place. Made with 100% flame-retardant material for maximum protection. Black & Red flame retardant fabric 305 gr./m².

- One Internal left pocket.
- Sleeve tightening snap button.
- Collar fastened with velcro.
- Black Kevlar thread (Aramid fabric).
- Not Washable.

Customise your welding jacket thanks to the removable velcro band



Personal Protective Equipment Regulation

PPER (EU) 2016/425

EN ISO 11611:2015 Class 1/A1+A2

Reference

Size M	W3106-M-CE
Size L	W3106-L-CE
Size XL	W3106-XL-CE
Size 2XL	W3106-2XL-CE
Size 3XL	W3106-3XL-CE

GRAIN LEATHER-SLEEVED JACKET

For optimal protection and freedom of movement for MIG or stick welding, choose our full-grain leather sleeve jacket with a flame-retardant, 100% cotton chest panel. The flip-up collar secures with an adjustable hook and loop closure and the front panel secures with an extra flap, for full closure. Horizontal hip pockets provide secure compartments for personal items. Comfort and dexterity for MIG or stick welding. Black & Red flame retardant fabric 305 gr./m².

- Two external pockets which are closable with velcro.
- Sleeve tightening snap button.
- Collar fastened with velcro.
- Black Kevlar thread (Aramid fabric).
- Not washable.

Customise your welding jacket thanks to the removable velcro band



Personal Protective Equipment Regulation

PPER (EU) 2016/425

EN ISO 11611:2015 Class 1/A1+A2

Reference

Size M	W2987-M-CE
Size L	W2987-L-CE
Size XL	W2987-XL-CE
Size 2XL	W2987-2XL-CE
Size 3XL	W2987-3XL-CE



WELDING JACKET - FLAME RETARDANT COTTON

Made from 100% flame-retardant material, our cloth jacket is ideal for light-duty welding. A convenient inside pocket stows personal items. Protection for light-duty welding.

Black & Red flame retardant fabric 305 gr./m².

- One Internal left pocket.
- Sleeve tightening snap button.
- Collar fastened with velcro.
- Black Kevlar thread (Aramid fabric).
- Machine Washable 40°.

Customise your welding jacket thanks to the removable velcro band



Personal Protective Equipment Regulation

PPER (EU) 2016/425

EN ISO 11611:2015 Class 1/A1+A2

Reference

Size M	W2985-M-CE
Size L	W2985-L-CE
Size XL	W2985-XL-CE
Size 2XL	W2985-2XL-CE
Size 3XL	W2985-3XL-CE

WELDING LAB COAT - FLAME RETARDANT COTTON

This knee-length coat is ideal for instructors, supervisors and occasional welders. Made from 100% flame retardant material, it's designed for use by not just the welder but anyone in the immediate work area. Pockets at the hips and chest store chalk, grease pens or other items. Black & Red flame retardant fabric 305 gr./m². Ideal for instructors, supervisors. Protection for light-duty welding.

- Two external pockets at waist height and one on the left chest. All are fastened with velcro.
- Sleeve tightening snap button.
- Collar fastened with velcro.
- Black Kevlar thread (Aramid fabric).
- Machine Washable 40°.

Customise your welding jacket thanks to the removable velcro band



Personal Protective Equipment Regulation

PPER (EU) 2016/425

EN ISO 11611:2015 Class 1/A1+A2

Reference

Size M	W3112-M-CE
Size L	W3112-L-CE
Size XL	W3112-XL-CE



WELDLINE
by Lincoln Electric

WELDING ACCESSORIES

SPRAYS



Anti-spatters

CERASKIN

- Ceramic coating.
- Exceptionally fast drying, long lasting and durable coating.
- The ceramic base makes a barrier and prevents weld spatter adhering to welding equipment and welded parts.
- Guarantees eight consecutive hours of welding work (a full working day), without any extra applications of the product.



SPRAYMIG H₂O

- Water based and odourless.
- No influence on porosity and cold cracks.
- No influence of the content of diffusible hydrogen in the weld metal.
- Soluble and silicone free.
- Biodegradable.
- Allows parts to be lacquered.



Reference

Spray (400 ml)	W000010001
Drum (20 liters)	W000011074

SPRAYMIG SIB

Basic silicone Welding Anti-spatter spray.

- Lubricant.
- Water repellent.
- Sliding agent.
- Protects rubber.
- Antistatic.
- Polish.

Specifications:

- SPRAYMIG SIB is a preventive maintenance product for MIG/MAG torches.
- To be used on cold parts only, do not use on threads or inside contact tips (as the product is electrically insulating).
- Volume: 400 ml (net) - 520 ml (nominal).
- Propellant gas: aliphatic hydrocarbons.
- Base: silicone and isoparaffinic solvent.
- Product to replace SVD with an identical result.



Reference

Spray (400 ml)	W000011093
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Reference

W000277679

SPRAYMIG SVB

- Silicone free.
- Compatible with paint.
- Use on cold parts.
- Use on nozzles and outside contact tips only.



Reference

W000011092

NETMIG

- Protects nozzles and contact tips from spatters by immersion.
- Silicone and solvent free.
- Odourless.



Reference

W000011071

Anti-corrosion

GALVASPRAY

- Protection of welded joints.
- Allows welded parts to be lacquered.



Reference

Volume : 500 ml (nominal)	W000011094
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Cracks detection

FLUXO S190 - CLEANER

Cleans the workpiece and removes excessive penetrant.

- Propellant: butane / propane.
- Volume : 500 ml (net) – 650 ml (nominal).



Reference

W000374827

FLUXO P125 - PENETRANT

Type II – level 2 – Methode AC. non-destructive testing.

- Propellant: butane / propane.
- Volume : 500 ml (net) – 650 ml (nominal).



Reference

W000374825

FLUXO R175 - DEVELOPER

Detection of cracks and surface faults.

- Propellant: butane / propane.
- Volume : 500 ml (net) – 650 ml (nominal).



Reference

W000374826

Heat protection

THERMISHIELD

- Designed to stop heat from travelling through most metals during welding, brazing or soldering.
- Prevents metals and plastics distortion caused by the heat of the welding torch.
- Volume: 500 ml.



Reference

W000274839

ELECTRODE HOLDERS



Screw type electrode holders



	VESTALETTE 250	STUBBY 400	MASTER 500	VESTALE 500	CURVA 400	CURVA 600
Reference	W000010035	W000010036	W000010037	W000010038	W000010573	W000010574
Amperage (A)	250 at 35%	400 at 35%	500 at 35%	500 at 35%	400 at 35%	600 at 35%
Cable Ø (mm)	35 max.	50 max.	95 max.	95 max.	50 max.	95 max.
Electrode Ø (mm)	4.0 max.	6.3 max.	8.0 max.	6.3 max.	6.3 max.	8.0 max.
Weight	295 g	460 g	530 g	470 g	540 g	720 g

Lever type closed head electrode holders



	SEGURA 300	SEGURA 400	SEGURA 600	COBRA 300	OPTIMUS 300	OPTIMUS 400	OPTIMUS 500
Reference	W000010570	W000010571	W000010572	W000010039	W000010410	W000010411	W000010412
Amperage (A)	300 at 35%	400 at 35%	500 at 35%	300 at 35%	300 at 35%	400 at 35%	500 at 35%
Cable Ø (mm)	35 max.	50 max.	70 max.	35 max.	35 max.	50 max.	70 max.
Electrode Ø (mm)	4.0 max.	5.0 max.	8.0 max.	4.0 max.	4.0 max.	5.0 max.	6.3 max.
Weight	415 g	570 g	590 g	400 g	415 g	570 g	590 g

Lever type opened head electrode holders



	CAÏMAN 200	CAÏMAN 400	CAÏMAN 600
Reference	W000010567	W000010568	W000010569
Amperage (A)	200 at 35%	400 at 35%	600 at 35%
Cable Ø (mm)	25 max.	50 max.	95 max.
Electrode Ø (mm)	3.2 max.	6.3 max.	10 max.
Weight	370 g	425 g	500 g

Hobby and light duty electrode holders



	HOBBY 200	CAÏMY 200
Reference	W000268399	W000010576
Amperage	200 at 35%	200 at 35%
Cable Ø (mm)	25 max.	25 max.
Electrode Ø (mm)	3.2 max.	3.2 max.
Weight	135 g	220 g

GOUGING ELECTRODES

- First class metal removal rates.
- Removing defective welds, preparing joints for welding, severing, pad washing, beveling.
- 17 separate models ranging from 4 x 305 to 19 x 430.
- More consistent melting rate results in uniform, smooth grooves.
- Dense copper coating improves arc stability.
- High mechanical strength for improved durability.
- Constant quality for a safe process.

**Process**

CAC-A (gouging)

Applications

Removing defective welds, preparing joints for welding, severing, pad washing, beveling

CARBONAIR**Pointed electrodes**

Versatile, multi-purpose, round, gouging electrodes (most popular type).

Diameter x length (mm)	Quantity per box	Gross weight per box (kg)	I mini (A)	I max (A)	Air pressure (bars)	Airflow (m³/h)	Reference
4 x 305	100	0,7508	150	200	5,0	10	W000010645
5 x 305	100	1,1582	200	300	5,0	10	W000010443
6,4 x 305	50	0,935	300	400	6,0	10,5	W000010444
8 x 305	50	1,4026	450	550	7,0	12	W000010445
10 x 305	50	1,9154	600	700	8,0	13	W000010446
13 x 305	50	3,4112	900	1100	9,0	14	W000010447

**Flat electrodes**

Rectangular shape for close tolerance metal removal and/or rectangular grooves production.

Diameter x length (mm)	Quantity per box	Gross weight per box (kg)	I mini (A)	I max (A)	Air pressure (bars)	Airflow (m³/h)	Reference
5 x 15 x 305	50	2,15	500	600	8,0	13	W202010453
5 x 18 x 355	25	1,6945	600	750	8,0	13	W202010454

**Hollow electrodes**

Round electrode with hollow core allows for faster travel speed without sacrificing groove depth.

Diameter x length (mm)	Quantity per box	Gross weight per box (kg)	I mini (A)	I max (A)	Air pressure (bars)	Airflow (m³/h)	Reference
5 x 305	100	1,0472	200	300	5,0	10	W202010455
8 x 305	50	1,3394	450	550	7,0	12	W202010456
9,5 x 305	50	2,0554	500	700	7,0	12	W202010457
12,7 x 305	50	3,3476	850	1100	8,0	13	W202010458

**CARBONAIR PLUS****Jointed electrodes**

Round electrodes with male and female connections to eliminate stub loss. Applicable in medium and heavy duty metal cutting. This process requires MMA direct current (DC) power source, a gouging torch and compressed air source.

Diameter x length (mm)	Quantity per box	Gross weight per box (kg)	I mini (A)	I max (A)	Air pressure (bars)	Airflow (m³/h)	Reference
8 x 355	50	1,713	400	500	7,0	12	W000010448
10 x 430	50	3,0726	700	850	8,0	13	W000010449
13 x 430	50	5,0886	1000	1200	9,0	14	W000010450
16 x 430	25	3,8728	1300	1500	10,0	16	W000010451
19 x 430	25	5,3048	1500	1700	10,0	16	W000010452



GOUGING TORCHES

FLAIR® 600 / 1600

- The torch can rotate 360° on the monocable, allowing unrestricted movement.
- Smoothly finished body for perfect airflow – manufactured with the greatest accuracy. The inner body is perfectly shaped which results in a perfect airflow, better cooling and longer lifespan.
- Highly conductive extruded body and nozzle (non-casted) – better conduction and less heat development and consequently a longer product lifetime.
- Thicker heat resistant insulation – ensures not only longer product lifetime, but also safer, more convenient and more productive working conditions.
- Flexible monocable (2,5 meter) ensures more ergonomical, effective working conditions.
- The airflow can be regulated on the torch.



	FLAIR® 600	FLAIR® 1600
Reference	W000010136	W000010118
Output Power	600A@60%	1600A@60%
Open arc voltage	> 60 VDC	
Required Voltage	35-56 VDC	
Compressed air	400-900 l/min @5-7 bar	
Electrode diam. max.	10 mm	19 mm

OTHER ACCESSORIES

MMA KITS



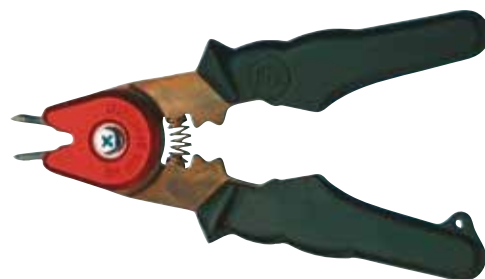
	Kit 25C25	Kit 25C25+	Kit 35C50	Kit 50C50	Kit 50C50+
Reference	W000011138	W000260683	W000011139	W000260681	W000260682
I max	200 at 35%	300 at 35%	300 at 35%	300 at 35%	400 at 35%
Electrode holder	CAÍMAN 200	SEGURA 300	SEGURA 300	SEGURA 400	SEGURA 600
Cable length	3 m	3 m	4 m	4 m	4 m
Earth clamp	HIPPO 200	HIPPO 400	HIPPO 400	HIPPO 400	HIPPO 600
Cable length	3 m	2 m	4 m	4 m	4 m
Plug diameter	9 mm	9 mm	13 mm	13 mm	13 mm

MIG PLIERS (ORIGINAL FIX®)

Useful to:

- Cut the wire.
- Clean the nozzles.
- Unscrew the tips.
- Unscrew the nozzles.

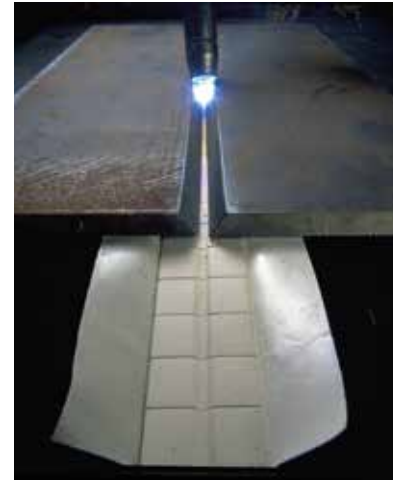
Ø NOZZLE 12-15 mm	Ø NOZZLE 15-18 mm
W000010453	W000010454



CERAMIC BACKINGS

The selection of KERALINE slat types for different welding processes.

	MMA	TIG	MIG/MAG	SAW		MMA	TIG	MIG/MAG	SAW
KERALINE TA 1	-	✓	✓	-	KERALINE TR 2	✓	-	✓	-
KERALINE TA 2	-	✓	✓	-	KERALINE TR 3	✓	-	✓	-
KERALINE TA 3	✓	-	✓	-	KERALINE TR 4	✓	-	✓	-
KERALINE TF 1	-	✓	✓	-	KERALINE TR 5	✓	-	✓	-
KERALINE TF 2	-	✓	✓	-	KERALINE TR 6	✓	-	✓	-
KERALINE TF 3	✓	-	✓	-	KERALINE TM 1	✓	✓	✓	✓
KERALINE TR 1	✓	-	✓	-	KERALINE TM 2	✓	✓	✓	✓



Ceramic-on-aluminum tape

Type	Reference	Dimensions (mm)	3D diagram	Application	Packing
KERALINE TR1-6 mm	W000010397	Ø 6			600 mm / piece 50 pieces per bag (30 meters) 5 bags/carton (150 meters)
KERALINE TR2-7 mm	W000010398	Ø 7			
KERALINE TR3-8 mm	W000010399	Ø 8			
KERALINE TR4-9 mm	W000010400	Ø 9			600 mm / piece 20 pieces per bag (12 meters) 7 bags/carton (84 meters)
KERALINE TR5-12 mm	W000010401	Ø 12			
KERALINE TR6-15 mm	W000010402	Ø 15			
KERALINE TA1-6 mm	W000010391	27 6 1.3 7.3			600 mm / piece 10 pieces per bag (6 meters) 6 bags/carton (36 meters)
KERALINE TA2-9 mm	W000010392	27 9 1.3 7.3			
KERALINE TA3-13 mm	W000010393	27 13 1.3 7.3			
KERALINE TF1-6 mm	W000010394	27 6 1.3 7.3			
KERALINE TF2-9 mm	W000010395	27 9 1.3 7.3			
KERALINE TF3-13 mm	W000010396	27 13 1.3 7.3			

Ceramic-on-aluminum tape

Type	Reference	Dimensions (mm)	3D diagram	Application	Packing
KERALINE TJ10 T FULL PENETRATION	W000262368				600 mm / piece 10 pieces per bag (6 meters) 6 bags/carton (36 meters)
SET OF CERAMIC BACKING RAD 150	W000275493				16 pieces /Circle 18 Circles/carton (18 meters)
SET OF CERAMIC BACKING RAD 200	W000275532				4 pieces/Segment 20 Segments / SET 12 Sets/carton (12 meters)
SET OF CERAMIC BACKING RAD 100	W000404095				12 pieces /Circle 22 Circles/carton (22 meters)

Ceramic-on-metallic support

Type	Reference	Dimensions (mm)	3D diagram	Application	Packing
KERALINE TM1 - 13 mm	W000010403				600 mm / piece 10 pieces per bag (6 metres) 7 bags/carton (42 metres)
KERALINE TM2 - 18 mm	W000010404				600 mm / piece 9 pieces per bag (5,4 metres) 5 bags/carton (27 metres)

KERALINE has a very low moisture absorption rate and a high melting point, allowing use at high welding intensity, up to 600A.

For a well-made welding bead:

- Without copper contamination
- Without risk of burn through in the first pass position (used as a support)
- Without re-welding
- Without risk of lack of fusion
- No turning of the work piece
- Bigger root thickness permits higher welding current for the hot pass
- An increase in first pass deposit rate
- Wide root gap
- Total penetration without turning the parts to be welded
- Total penetration of joints difficult to access in reverse position
- Smooth profile of the root pass

For a well-made weld preparation before welding:

- Ideal to compensate for variations in preparation of sheet edge backlashes
- Easy to use (adhesive/metallic support)
- Simplify chamfering preparations

For higher productivity:

- Without gouging operation
- Without grinding operation
- Provides time saving and high quality
- Easy-to-use slats technique



www.lincolnelectric.eu

CUSTOMER ASSISTANCE POLICY

The business of Lincoln Electric is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or advice about their use of our products. Our employees respond to enquiries to the best of their ability based on information 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. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or advice. Moreover, the provision of such information or advice does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or advice, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose is specifically disclaimed.

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