POWER MIG® 262MP

MULTI-PROCESS WELDER



Shown:
POWER MIG 262MP, K5376-1

PROFESSIONAL-GRADE PERFORMANCE

Experience the ultimate in professional-grade performance with the POWER MIG® 262MP. With a max output of 300 Amps and multi-process functionality including MIG, Pulsed MIG, Stick, Flux-Cored, and TIG, the 262MP delivers all the performance and versatility you expect from the POWER MIG family.

Equipped with cutting-edge technology like Ready.Set.Weld®, ArcFX®, and Weld Set Memory, the POWER MIG 262MP puts precise machine control at your fingertips. Navigate effortlessly through its features with the intuitive 7-inch LCD display, ensuring seamless operation and unparalleled operator control.

From autobody projects to all-day fabrication, trust the POWER MIG 262MP to deliver the unmatched performance and reliability you need.

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

Applications »
Education , Metal Fabrication, Maintenance and Repair, Auto Body, Light Industrial

Output » CC CV DC

Input » 1 PHASE 60 Hz

Product Numbers »

POWER MIG 262MP
K5376-1

POWER MIG 262MP EDUCATIONAL ONE-PAK®
K5636-1

POWER MIG 262MP ALUMINUM ONE-PAK (PUSH GUN)
K5637-1

POWER MIG 262MP ALUMINUM ONE-PAK (PUSH-PULL GUN)
K5638-1

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VALUE-ADDED FEATURES

- **7-Inch Color Display** - Enhances communication between operator and machine.
- **Aluminum Pulse Process** - Welds 4XXX and 5XXX series aluminum for superior quality welding.
- **Multi-Process Capable** - Welds MIG, flux-cored, stick, TIG, and Pulsed MIG.
- **Synergic Control** - Set weld procedures with one control.
- **Rugged MAXTRAC® Industrial Wire Drive** - Allows for constant wire feed speed and consistent welds.
- **Stick Settings for 6010 + 6011** - Superior performance with cellulosic electrodes.
- **300 Amp Max Output** - Perfect for autobody, general fabrication, education, and more.
- **Memory Recall** - Easily save and access memories with the newly enhanced UI.

KEY CONTROLS

1. Ergonomic Front Handle
2. Coil Claw For An Organized Work Station
3. Two 115V Front Power Outlets
4. Side-Mounted Tool Holder
5. 7-Inch User Interface
6. Angled Gun Connection For Improved Feedability



INNOVATIVE USER INTERFACE

1. Current Settings Tool Bar
2. Wire Feed Speed / Memories
3. Voltage/ select Knob
4. Home/ Process Selection Button



ADVANCED OPTIONS

Run-In: Adjusts initial wire feed speed for smooth arc starting.

Thickness: Adjusts thickness, the display is to scale.

Pre Flow: Allows a time to be selected for shielding gas to flow after the trigger is pulled, prior to establishing an arc.

Arc Control: Adjusts the focus or shape of the arc and resultant weld bead size.

Spot Timer: Adjusts arc time for tack and spot welds.

Trigger: Choose between 2 and 4 step.

Post Flow: Allows a time to be selected for shielding gas to continue to flow after the trigger is released and out current is turned off.

Start: This machine provides the option of setting a Starting Procedure to start the weld, and from there, to ramp to the welding procedure over a specified amount of time.

Save: Save settings.

Crater Time: Ability to set an endpoint for WFS and Voltage that will be reached over a specified time period.

Frequency: Adjusts the frequency of the pulse wave.

Hot Start: Increases amperage at arc start initialization.

Arc Force: Controls penetration profile from soft arc to crisp arc.

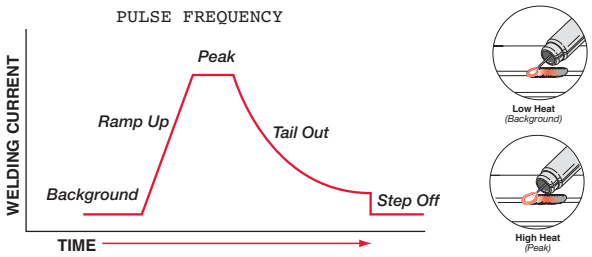
TIG Pulse: Minimize burn through on thin materials.

Pinch: Increasing the pinch control results in a crisper arc while decreasing the pinch control provides a softer arc.

LINCOLN ELECTRIC INNOVATIONS FOR CHALLENGING APPLICATIONS

The Waveform Control Technology® feature makes it possible to take advantage of Lincoln Electric innovations like these processes:

Pulsed MIG



Pulsed MIG Mode varies weld current between peak (high heat) and background (low heat) current to provide better control of heat input, which minimizes warping and burnthrough on thin materials. Pulsed MIG also enables flat, horizontal, vertical up, or overhead welding without a slag system. Optimized GMAW-P waveforms are readily available to use on aluminum, carbon steel, high strength low alloy steel, stainless steel, and nickel alloys.

TIG Pulse

Use pulse TIG welding to help minimize burn through on thin materials. It can help to increase travel speed and result in smaller bead width. Lower heat input may lessen warpage of parts, especially stainless steel materials.

TIG pulse can be turned on or off in the advanced options menu. The TIG Pulse feature has a single knob control which sets the pulse frequency over the range of 0.5-19.5 Hz, or 17.6-303 Hz. The pulse setting automatically regulates the output current between the peak amperage set by the amptrol (if used) and the background amperage, which is equal to 60% of the peak. The peak pulse % on-time is fixed at 50%.

Trim

Trim adjusts the arc length and ranges from 0.50 to 1.50 with a nominal value of 1.00. Trim values greater than 1.00 increase the arc length, while values less than 1.00 decrease the arc length.

ACCESSORIES

CONTACT TIPS AND LINERS

Wire Diameter - in. (mm)	Description	Order No.
FOR STEEL / STAINLESS STEEL / SILICON BRONZE		
0.045 (1.2)	350A Contact Tips Tapered (10)	KP2744-045T
0.035 (0.9)	350A Contact Tips Tapered (10)	KP2744-035T
0.030 (0.8)	350A Contact Tips Tapered (10)	KP2744-030T
0.025 (0.6)	350A Contact Tips Tapered (10)	KP2744-025T
0.035 -0.045 (0.9 - 1.2)	Magnum PRO Curve™ 15' Liner Solid Wire (1)	KP44-3545-15
FOR ALUMINUM		
0.035 (0.9)	350A Contact Tips Aluminum (10)	KP2744-035AT
3/64 (1.2)	350A Contact Tips Aluminum (10)	KP2744-364AT
3/64 (1.2)	350A Contact Tips 5XXX Series Aluminum (10)	KP2744-364A5356
0.030 - 1/16 (0.8 - 1.6)	Magnum PRO AL Push-Pull Conduit Gun Liner 25 ft (7.6 m) (1)	KP3991-25
1/16 (1.6)	Magnum PRO AL Gooseneck Jump Liner (5)	KP3376-1
0.035 - 3/64 (0.9 -1.2)	Magnum PRO AL Gooseneck Jump Liner (5)	KP3376-3



Shown:
KP2744-045T, Tapered Contact Tip



Shown:
KP3376-1, Magnum PRO Liner

NOZZLES AND DIFFUSERS

Nozzle Diameter - in. (mm)	Description	Order No.
350A		
0.375 (9.5)	Thread-on Flush Nozzle	KP2742-1-38F
0.5 (12.7)	Thread-on Flush Nozzle	KP2742-1-50F
0.375 (9.5)	Thread-on Recessed Nozzle	KP2742-1-38R
0.5 (12.7)	Thread-on Recessed Nozzle	KP2742-1-50R
–	Steel Thread-on Nozzle	KP2746-1

For more options, please refer to the Magnum PRO Instruction Manual.



Shown:
KP2742-1-38F, Thread-on Nozzel



Shown:
KP2746-1, Steel Thread-on Diffuser

DRIVE ROLL KITS

Wire Type	Wire Diameter - in. (mm)	Order No.
Solid	0.023-0.030 (0.6-0.8) 0.035 (0.9) 0.035/0.045 Combination 0.040 (1.0) 0.045 (1.2)	KP1696-030S KP1696-035S KP1696-1 KP1696-2 KP1696-045S
Cored	0.035 (0.9) 0.045 (1.2)	KP1697-035C KP1697-045C
Aluminum	0.035 (0.9) 3/64 (1.2)	KP1695-035A KP1695-3/64A



Shown:
KP1697-035C, Cored Drive Roll Kit

RECOMMENDED ACCESSORIES

GENERAL OPTIONS



Canvas Cover
Protect your POWER MIG welder when not in use. Made from red canvas that is flame retardant, mildew resistant and water repellent. Fits any POWER MIG machine with or without a gas cylinder in the cylinder rack. Will not fit if spool gun holder is attached to the machine.
Order K3675-1



Dual Cylinder Cart
Permits side-by-side mounting of two full size gas cylinders with easy loading. Compatible with Power MIG 260 and 360MP.
Order K3676-1

STICK OPTIONS



Accessory Kit
Complete kit for stick welding. Includes 30 ft. (9.1 m) electrode cable, 25 ft. (7.6 m) work cable, headshield, work clamp and electrode holder.
Order K875 for 150 amps
Order K704 for 400 amps

TIG OPTIONS



PTA-17 150 Amp Air-Cooled TIG Torch
Order K1782-2
for 12.5 ft. (3.8 m) length, 2-cable
Order K1782-4
for 25 ft. (7.6 m) length, 2-cable

PTA-26 200 Amp Air-Cooled TIG Torch
Order K1783-2
for 12.5 ft. (3.8 m) length, 2-cable
Order K1783-4
for 25 ft. (7.6 m) length, 2-cable



Parts Kits
Magnum Parts Kits provide all the torch accessories you need to start welding. Parts kits provide collets, collet bodies, a back cap, alumina nozzles and tungstens in a variety of sizes, all packaged in an easy to carry reclosable box.
Order KP508 for PTA-17
Order KP509 for PTA-26

Foot Amptrol™
Provides 25 ft. (7.6 m) of remote current control for TIG welding. (6-pin plug connection).
Order K870



Hand Amptrol™
Provides 25 ft. (7.6 m) of remote current control for TIG welding. (6-pin plug connection)
Order K963-3



Arc Start Switch
Needed if an Amptrol™ is not used when TIG welding. Comes with a 25 ft. (7.6 m) cable. Attaches to the TIG torch for convenient finger control.
Order K814



WIRE FEEDER OPTIONS

Fast-Mate™ Adapter
Allows guns with a Fast-Mate™ type back end to plug into a POWER MIG® welder.
Order K489-8



Magnum PRO 250LX™ Spool Gun
280 amps, 60% duty cycle. Feeds 0.025-3/64 in. (0.6-1.2 mm) diameter aluminum wire on 2 lb. (0.9 kg) spools. With remote wire feed speed control. 25 ft. (7.6 m) cable.
Order K3570-2 and K2910-1



Harris® Aluminum Flow/Regulator
355-2CD 100-580
Order 3100546



Spool Gun Holder
Provides neat storage of spool gun cable, and gas hose on POWER MIG.
Order K3667-1



Magnum PRO Al Fixed Conduit Push-Pull Guns
The new, improved Magnum PRO AL Fixed Conduit Push-Pull Guns feature a new rigid liner which provides a smooth, premium aluminum welding solution. The enhanced feeding capabilities will reduce downtime and increase arc on time.
Order K4797-1, -2, -3, -4



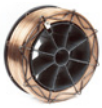
Magnum® PRO Curve™ 300 AL Push Gun
Ideal aluminum welding gun solution for welding 3/64"-1/16" aluminum wire of distances up to 10 ft.
Order K466-6



Spindle Adapter for Small Spools
Permits 8 in. (200 mm) O.D. spools to be mounted on 2 in. (51 mm) O.D. spindles.
Order K468



Spindle Adapter for 14lb Coils
Permits 14 lb. (6 kg) Innershield® coils to be mounted on 2 in (51mm) O.D. spindles.
Order K435



Readi-Reel™ Adapter
Adapts 22-30 lb. (10-14 kg) Lincoln Readi-Reels® of electrode to 2 in (51mm) spindle.
Order K363P



12M to 7F Connector Cable
Order K2910-1

PACKAGES AVAILABLE



K5376-1 Power MIG 262MP:

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



K5637-1 Power MIG 262MP Aluminum One-Pak® (Push-Gun)
Includes everything in K5376-1 Base Model, plus:

- K4700-1-6-116A Magnum® PRO Curve™ 300 AL Push Gun
- KP1695-3/64A Aluminum Drive roll kit, 2-roll, 3/64 in. (1.2 mm)
- SuperGlaze® 5356 3/64 in. (1.2 mm) 16 lb (7.3 kg) spool



K5638-1 Power MIG 262MP Aluminum One-Pak® (Push-Pull Gun)
Includes everything in K5376-1 Base Model, plus:

- Magnum® PRO AL Front Trigger Gun G225A, 7 pin (25 ft.) (7.6 m)
- KP1695-3/64A Aluminum Drive roll kit, 2-roll, 3/64 in. (1.2 mm)
- SuperGlaze® 5356 3/64 in. (1.2 mm) 16 lb (7.3 kg) spool



K5636-1 Power MIG 262MP Educational One-Pak®
includes everything in K5376-1, Base Model, plus:

- K3676-1 Dual Cylinder Cart
- K2505-3 TIG Torch Twist-Mate to Stud adaptor
- K2374-1 Stick Electrode Holder
- K1803-3 Work Lead/Ground Clamp
- K870 Foot Amptrol
- K1782-14 TIG Torch Ready-Pak
- KP508 Parts Kit for PTA 17 TIG Torch
- 3100211 Flowmeter Regulator

PRODUCT SPECIFICATIONS

Product Name	Product Number	Input Power	Rated Output Current/Voltage/ Duty Cycle	Input Current @ Rated Output	Output Range	Dimensions H x W x D in (mm)	Net Weight lb (kg)
POWER MIG 262MP	K5376-1	208/230/460/575/1/60	230A/26.5V/60%	49.1/44/22.1/17.6	5-300 Amps 50-700 ipm WFS (1.3-17.7 m/min) Max. OCV 90V	37.5x18x37.5 (952.5x457.2x952.5)	250 (113.4)
Aluminum One-Pak (Push Gun)	K5637-1						295 (133.8)
Aluminum One-Pak (Push-Pull Gun)	K5638-1						295 (133.8)
Educational One-Pak	K5636-1						312 (141.5)

For best welding results with Lincoln Electric® equipment, always use Lincoln Electric consumables. Visit www.lincolnelectric.com for more details.

CUSTOMER ASSISTANCE POLICY

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

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LINCOLN® ELECTRIC