POWER MIG® 260

FABRICATION SIMPLIFIED

POWER MIG 260

The POWER MIG 260 welding machine sets the standard for MIG and Flux-Cored welding in light industrial shop fabrication, maintenance, and repair work. The seven inch color display with automatic controls make setup and operation intuitive and simple. The POWER MIG 260 welder offers superior welding performance and a multitude of professional features.

Simplified

- Visualize Your Weld with ArcFX® Technology
- Ready.Set.Weld® Quick Set-Up
- Automatic Settings Help Achieve Optimal Weld Parameters
- Universal Input Voltage

Ergonomic

- Easy to View and Adjust Settings
- Tilting Gas Bottle Tray
- Front Access to 115V Outlet and Gun Connections
- Small Footprint

Innovative

- 7 inch Color Display
- Memory Capability
- Auto Calibration Optimizes Push-Pull Aluminum Performance

Processes »
MIG, Flux-Cored

Applications »
General Fabrication, Maintenance and Repair, Farm/Autobody

Product Number »
K3520-1

Input »

Output »

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KEY CONTROLS

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

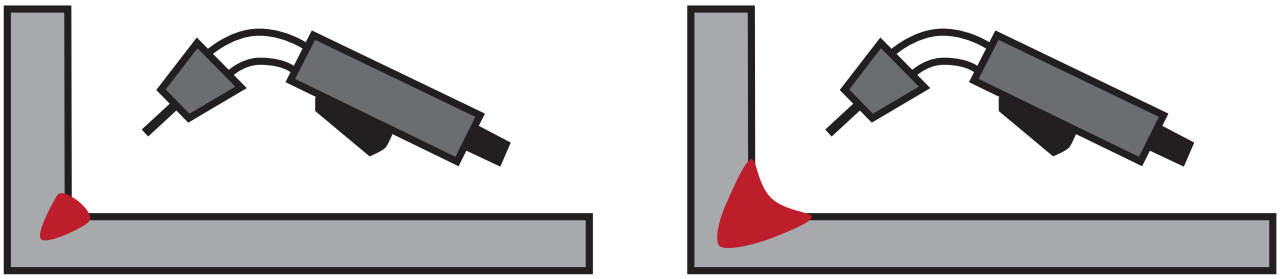
INNOVATIVE USER INTERFACE

1. Current Settings Tool Bar
2. Wire Feed Speed
3. Selected Welding Mode Type
4. ArcFX - See Page 3 for Details
5. Voltage
6. Home Button

What is ArcFX Technology?

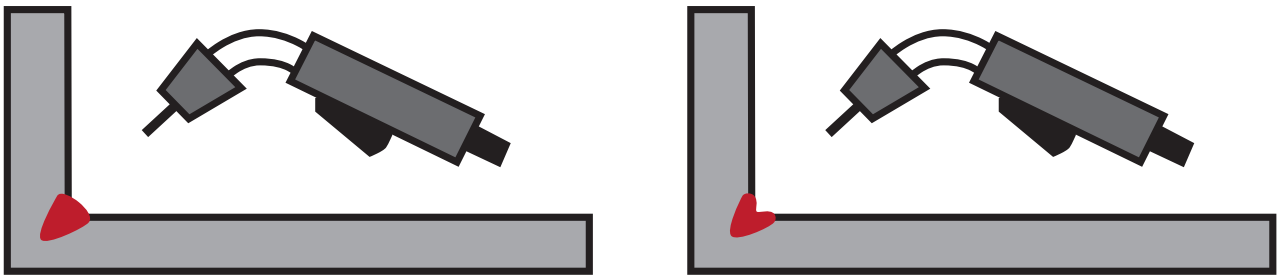
Lincoln Electric's patented technology provides instant graphical feedback on the user interface illustrating how a welder's settings affect the weld outcome.

How does wire feed speed affect my weld?



Wire Feed Speed - As your wire feed speed is increased the weld penetration increases, and as your wire feed speed is decreased, the weld penetration decreases. Notice the changes to the weld puddle in the image shown above.

How does voltage affect my weld?



Voltage - Arc voltage affects the arc length. At the same wire feed speed, as voltage increases, the arc length gets longer and as voltage decreases, the arc length gets shorter. The length of the arc in turn determines the width and size of the arc cone. Notice the changes to the weld puddle in the image shown above.

MAGNUM PRO 250L WELDING GUN

The over-molded handle design offers key benefits to the operator:

- Increased Comfort
- Enhanced Grip
- Reduced Hand Fatigue
- Improved Control

MAGNUM PRO EXPENDABLES

Lincoln Electric's long-lasting Magnum PRO expendables are designed with welding arc performance in mind. Using Magnum PRO expendables result in more time welding and less time wasted.

Copper Plus Technology

With a larger diameter to disperse heat and keep tips cooler

Anti-Seize Threads

To prevent the contact tips from melting, fusing, and seizing in the diffuser

Easy to Clean

Nickel plating keeps spatter from sticking to the nozzle

Easy to Unscrew

With coarse threads that prevent seizing

CONTACT TIPS

Wire Diameter in (mm)	Standard	Standard	Tapered	Tapered
	Pkg. Qty. -10	Pkg. Qty.-100	Pkg. Qty.-10	Pkg. Qty-100
0.025 (0.6)	KP2744-025	KP2744-025-B100	KP2744-025T	KP2744-025T-B100
0.030 (0.8)	KP2744-030	KP2744-030-B100	KP2744-030T	KP2744-030T-B100
0.035 (0.9)	KP2744-035	KP2744-035-B100	KP2744-035T	KP2744-035T-B100
0.040 (1.0)	KP2744-040	KP2744-040-B100	KP2744-040T	KP2744-040T-B100
0.045 (1.2)	KP2744-045	KP2744-045-B100	KP2744-045T	KP2744-045T-B100

GAS DIFFUSER

Pkg. Qty.	Part Number
1	KP2746-1
25	KP2746-1-B25

GUN TUBE INSULATOR

Pkg. Qty.	Part Number
1	KP2773-2
25	KP2773-2-B25

GUN TUBE

Degree	Part Number
60	KP3078-60
45	KP3078-45

GAS NOZZLE[1]

Nozzle in (mm)	Pkg. Qty.	0.375 in (9.5 mm)	0.5 in (12.7 mm)	0.625 in (15.9 mm)
1/8 (3.2) Recess	1	KP2742-1-38R	KP2742-1-50R	KP2742-1-62R
	25	KP2742-1-38R-B25	KP2742-1-50R-B25	KP2742-1-62R-B25
Flush	1	KP2742-1-38F	KP2742-1-50F	KP2742-1-62F
	25	KP2742-1-38F-B25	KP2742-1-50F-B25	KP2742-1-62F-B25
1/8 (3.2) Stickout	1	KP2742-1-38S	KP2742-1-50S	KP2742-1-62S
	25	KP2742-1-38S-B25	KP2742-1-50S-B25	KP2742-1-62S-B25

GUN LINER

Cable Length	Pkg Qty	Steel 0.025 - 0.030 in (0.6 - 0.8 mm)	Steel 0.030 - 0.035 in (0.8 - 0.9 mm)	Steel 0.035 - 0.045 in (0.9 - 1.1 mm)	Aluminum .035 - 3/64 in. (0.9 - 1.2 mm)
15 ft (4.5 m)	1	KP42-25-15	KP42-3035-15	KP42-4045-15[2]	KP44N-3545-15
	10	-	-	KP42-4045-15-B10	-

(1) When using nozzle sizes less than 5/8 in. (15.9 mm), tapered tips are recommended.
(2) Standard on Magnum PRO 250L

ADVANCED FEATURES

- Automatic settings help achieve optimal weld parameters
- Memory Capability— Ability to load and save weld settings
- Run-in— Adjustable speed at which wire strikes the plate to enhance starting
- Burnback— Adjustable time delay between turning off the arc and the wire feed to prevent wire sticking to the puddle
- Spot Timer— Adjustable arc time for repetitive tack and spot welds

KEY ACCESSORIES

- Magnum PRO AL FC 225 Air 12-Pin Trigger Welding Gun (Requires K2910-2 Adapter)

WHAT'S INCLUDED

- Maxtrac® Wire Drive
- Magnum PRO 250L Welding Gun
- Quick Storage Accessories
- 10FT Work Cable with Clamp
- Gas Regulator
- 10FT Power Cable with Plug

RECOMMENDED ACCESSORIES

Magnum PRO Curve™ 300 Welding Gun
For MIG or flux-cored welding combine our classic curved handle with our Copper Plus® contact tips and Magnum PRO gun expendables.
Order K2951-4

Connector Kit- POWER MIG & POWER WAVE® C300
Gun connector kit for the Lincoln Wire-Matic and POWER MIG power sources. For use with KP42 & KP44 series liners.
Order K466-6

Magnum Gun Liner, .035-.045 in.
Order KP44-3545-25

12F to 7M Connector Cable
Order K2910-2

Dual Cylinder Cart
Order K3676-1

RECOMMENDED ALUMINUM ACCESSORIES

Magnum PRO 250LX Spool Gun
280 amp, 60% duty cycle with 25 ft. (7.6 m) cable length. Feeds .025 - 3/64 in. (0.6 - 1.2 mm) diameter wire. Multi-turn remote wire feed speed control at the gun. Adjustable drive roll tension and easy open wire drive rolls for easy wire loading. Features built-in contact tip storage.
K3570-2

Magnum PRO AL Pistol Air Gu n
The Magnum PRO AL Pistol Grip Air-Cooled gun is designed to optimize a push-pull welding operation for aluminum by integrating features that will reduce downtime. Requires K2910-2 Adapter
Order K3478-1,-2,-3
Requires K2910-2 Adapter

Cougar® Push-Pull Welding Gun, Air-Cooled
The Cougar® Push-Pull Air-Cooled gun is intended for operators who prefer an upright pistol-grip design for aluminum welding fabrication or production environments.
Order K2704-2,-3

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
Requires K2910-2 Adapter

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

Drive Roll Kit .035 in (0.9 mm) Aluminum Wire
Order KP1695-035A

Drive Roll Kit 3/64 in (1.2 mm) Aluminum Wire
Order KP1695-3/64A

POWER MIG 260 - SPECIFICATIONS

Description	Product Number	Input Power Voltage/Phase/Hertz	Rated Output Current/Voltage/ Duty Cycle	Input Current @ Rated Output	Output Range	Wire Feed Speed ipm (m/ min)	Dimensions H x W x L in (mm)	Weight lb (kg)
POWER MIG 260	K3520-1	208/230/460/575/1/60	250A/26.5V/40%	59/55/27/21	30-300A	50-700 (1.3-17.7)	37.3 x 18 x 40.4 (947.42 x 457.20 x 1026.16)	247 (112)

The operation of welding fume control equipment is affected by various factors including proper use and positioning of the equipment, maintenance of the equipment and the specific welding procedure and application involved. Worker exposure level should be checked upon installation and periodically thereafter to be certain it is within applicable OSHA PEL and ACGIH TLV limits.

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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