

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

Innovative

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

Ergonomic

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

Processes »

MIG, Flux-Cored

Applications »

General Fabrication, Maintenance and Repair, Farm/Autobody

Product Number »

K3520-1

Input »



Output »



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

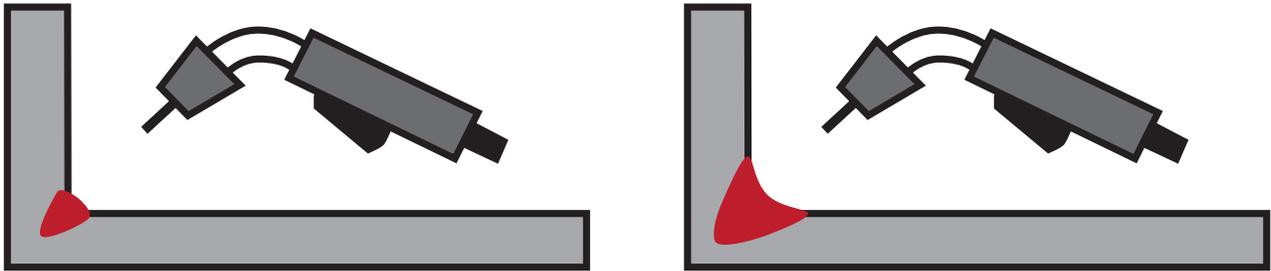
1. Current Settings Tool Bar
2. Wire Feed Speed
3. Selected Welding Mode Type
4. ArcFX™ - See Page 3 for Details
5. Voltage
6. Home Button



What is ArcFX™ Technology?

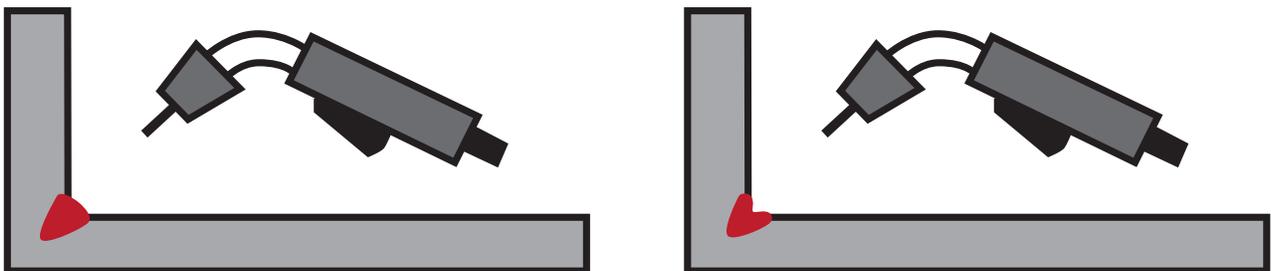
Lincoln Electric's patented technology provides instant graphical feedback on the user interface illustrating how a welder's settings affect the weld outcome.

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.

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 G225A 7-Pin Front Trigger Welding Gun

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



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



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

RECOMMENDED ALUMINUM ACCESSORIES



Magnum® 250LX Spool Gun
A professional grade solution for feeding small spools of aluminum and steel wire, and a 280A 60% duty cycle rating.
Order K2490-1



Magnum® PRO AL G225A 7-Pin Front Trigger
The Magnum® PRO AL G225A front trigger model reduces downtime and optimizes push-pull welding for aluminum.
Order K3421-1,-2,-3,-4



Magnum® PRO AL Pistol Air Gun
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.
Order K3478-1,-2,-3



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



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

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)	373 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 The Lincoln Electric Company® 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 inquiries 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.

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

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

The Lincoln Electric Company
22801 St. Clair Avenue · Cleveland, OH · 44117-1199 · U.S.A.

www.lincolnelectric.com