POWER MIG® 256

Processes
MIG, Flux-Cored

Product Number
K3068-1 208/230
K3068-2 230/460/575
K3069-1 208/230 One-Pak®

Input Power
K3068-1 & K3069-1: 208/230/1/60
K3068-2: 230/460/575/1/60

Input Current at Rated Output
56 A @ 208 V / 52 A @ 230 V

Rated Output
250A/26V/40% Duty Cycle

Max. Open Circuit Voltage
40V

Amperage Range
30 - 300 A

Wire Feed Speed
50 - 700 IPM (1.3 - 17.7 m/min)

Weight/Dimensions (H x W x D)
220 lbs. (100 kg)
31.8 x 18.9 x 38.8 in.
(808 x 480 x 985 mm)

POWER MIG®
The Professional’s Choice™
The POWER MIG® 256 sets the standard for MIG and flux-cored welding in light industrial job shop fabrication, maintenance or repair work.

FEATURES
¬ Diamond Core Technology™ – Delivers a forgiving arc, excellent out-of-position arc stability, low spatter and a wide voltage sweet spot at a given wire feed speed for steel, stainless steel or aluminum.
¬ MAXTRAC® cast aluminum industrial wire drive – Features dual driven rolls, regulated wire feed speed control, brass-to-brass connections and Lincoln’s 100% wire supporting split wire guide system.
¬ Digital meters - For set up, meters display your preset voltage and wire feed speed. During welding, actual voltage is displayed.
¬ New! Magnum® PRO gun and cable 15 ft. (4.5 m) - Makes it easy to reach your work.
¬ Copper Plus™ contact tips - Larger tip diameter and mass improves heat dissipation to increase tip life.
¬ Add a spool gun – The POWER MIG® 256 is spool gun ready for the premium Magnum® 250LX gun and spool gun capable with the Magnum® SG (requires adapter).
¬ 115V auxiliary receptacle - (208/230V model only) to power a grinder or other auxiliary equipment in your work area.
¬ New! Great value-adding features –
  • Coil Claw™ Cable Management system keeps your workstation organized.
  • Convenient top-mounted gun expendables tray.
  • All metal case front.

APPLICATIONS(1)
¬ Metal Fabrication
¬ Maintenance and Repair
¬ Farm/Autobody
¬ Light Industrial

WHAT’S INCLUDED
K3069-1 One-Pak® Includes:
¬ POWER MIG® 256 with Magnum® PRO 250L
¬ Magnum® 250LX Spool Gun (K2490-1)
¬ Dual Cylinder Mounting Kit (K1702-1)
¬ Regulator (K586-1)
¬ Input Cable

(1) The POWER MIG® 256 cannot be powered by an engine-driven welder.

THE LINCOLN ELECTRIC COMPANY
22801 St. Clair Avenue • Cleveland, OH • 44117-1199 • U.S.A.
PH: +1.216-481-8100 • www.lincolnelectric.com

THE WELDING EXPERTS®
1. Digital meter displays preset wire feed speed.
2. Wire speed control with fine resolution at low settings.
3. Digital meter displays preset voltage setting and actual voltage while welding.
4. Voltage control with fine resolution at low settings.
5. Angled gun connection for improved feedability.

**A CLOSER LOOK**

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**NEW!**

Magnum® PRO 250L Gun
With long lasting Copper Plus™ contact tips

**KEY CONTROLS**

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**Lincoln Electric**
THE WELDING EXPERTS

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**Timberline**
易焊接解决方案

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**Magnum® PRO**
250L Gun
With long lasting Copper Plus™ contact tips
**GUN INFORMATION**

Included Magnum® PRO 250L Gun

- Rated 250A @ 60% duty cycle with CO₂ shielding gas.
- Ships equipped to feed .035 in. – .045 in. (0.9 – 1.2 mm) wire. The Magnum® PRO 250L is capable of feeding .025 in. – .045 in. (0.6 – 1.2 mm) wire.
- Industrial Grade Construction:
  - High quality copper parts ensure superior electrical contact and heat dissipation.
  - Four trigger leads are standard for fast field repair.
  - Patent-pending Anti-Seize™ tip and diffuser thread design reduces tip and diffuser seizing.

### DRIVE ROLL KITS

<table>
<thead>
<tr>
<th>Wire Size in. (mm)</th>
<th>Order Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid .023–.030 (0.6–0.8)</td>
<td>KP1666-030S</td>
</tr>
<tr>
<td>.035 in. (0.9)</td>
<td>KP1666-035S (1)</td>
</tr>
<tr>
<td>.035/.045 combination</td>
<td>KP1666-1</td>
</tr>
<tr>
<td>.040 (1.0)</td>
<td>KP1666-2</td>
</tr>
<tr>
<td>.045 (1.2)</td>
<td>KP1666-045S</td>
</tr>
<tr>
<td>Cored .035 (0.9)</td>
<td>KP1697-035C</td>
</tr>
<tr>
<td>.045 (1.2)</td>
<td>KP1697-045C</td>
</tr>
<tr>
<td>Aluminum 3/64 (1.2)</td>
<td>KP1695-3/64A</td>
</tr>
</tbody>
</table>

(1) Included with POWER MIG® 256.

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**SPOOL GUN CAPABLE MEDIUM DUTY**

Magnum® SG Spool Gun (K487-25)

- 250A, 60% duty cycle.
- .025 - .030 in. (0.6–0.8) electrode diameter capability.
- Wire feed speeds from 50-650 ipm (1.2–16.5 m/min.).
- 25 ft. (7.6 m) gun cable length – compare to the competition.
- Adjustable speed control at the handle – allows you to tailor the WFS setting at the gun.
- See E12.22 for expendable parts.
- Order K487-25 spool gun and K2445-1 control cable adapter.

**SPOOL GUN READY HEAVY DUTY**

Magnum® 250LX Spool Gun (K2490-1)

- 300A, 60% duty cycle.
- .025 - .030 in. (0.6–0.8) electrode diameter capability.
- Wire feed speeds up to 800 ipm (20.3 m/min.).
- 25 ft. (7.6 m) gun cable length with 7-pin MS-type connector.
- WFS control for fine adjustment of wire feed speed at the gun.
- Zippered cable jacket is standard.
- See E12.25 for expendable parts.
- Order K2490-1.

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**Improved Spool Gun Operation!**

Set wire feed speed at the gun – see the pre-set wire feed speed displayed on the POWER MIG® 256 meter.

**Faster set-up – No more guessing on wire feed speed!**
TOMER. MANY VARIABLES BEYOND THE CONTROL OF LINCOLN ELECTRIC AFFECT THE RESULTS OBTAINED IN APPLYING THESE TYPES OF FABRICATION METHODS AND SERVICE REQUIREMENTS.

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.

CUTOMER 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.

THE LINCOLN ELECTRIC COMPANY OFFERS A WIDE VARIETY OF WELDING FUME EXTRACTION ENVIRONMENTAL SYSTEM SOLUTIONS. REQUEST PUBLICATION MC06-70.

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 in 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 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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