### Processes
- Stick, Gouging

### Product Number
- K1053-9 208/230/460/1/60
- K1053-8 230/460/575/1/60

*See back for complete specs*

#### Input Power
- AC: 95/86/43A
- DC: 75/68/34A

#### Input Current @ Rated Output
- AC: 250A/30V/30% Duty Cycle
- DC: 250A/30V/30% Duty Cycle

#### Output Range
- AC: 35-300A
- DC: 40-250A

#### Max. OCV
- AC: 72V
- DC: 70V

#### Weight/Dimensions (H x W x D)
- 350 lbs. (159 kg)
- 27 x 19 x 21.5 in.
- (686 x 483 x 546 mm)

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### 250 Amp Stick Welder

The Idealarc® 250 is the classic workhorse of the Lincoln Electric stick welding power source line. It produces up to 300 amps of brute AC welding strength and 250 amps of smooth DC welding performance.

#### FEATURES
- **Outstanding arc stability and built-in stabilizer** - Provide popout-resistant welding with all AC electrodes.
- **Versatile welding range** - With up to 300 amps AC and 250 amps DC.
- **Suitable for use with every type of electrode** - Including low hydrogen, stainless steel, hardfacing, aluminum and bronze.
- **Easy set-up and operation** - Full range continuous current control dial with current indicator for exact heat required for each job.
- **Change polarity** - With a twist of the wrist — AC, DC+ or DC-.
- **Stackable case design** - Allows machines to be stacked 3 high to save valuable floor space.
- **Fan-cooled** - For extra thermal protection.

#### APPLICATIONS
- Industrial Production
- Maintenance and Repair
- Shop/Farm
- Welding Education

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Two Year Extended Warranty Available in U.S.A. and Canada.
## PRODUCT SPECIFICATIONS

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Product Number</th>
<th>Input Power</th>
<th>Input Current@Rated Output</th>
<th>Rated Output Current/Voltage/Duty Cycle</th>
<th>Output Range</th>
<th>H x W x D inches (mm)</th>
<th>Net Weight lbs. (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IdealArc® 250 with Power Factor Capacitors</td>
<td>K1053-8</td>
<td>230/460/575/1/60</td>
<td>86/43/34A</td>
<td>AC: 35-250A Max. OCV: 70V</td>
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## RECOMMENDED ACCESSORIES TO EXPAND MACHINE CAPABILITIES

**GENERAL OPTIONS**

- Undercarriage
  For hand moving, includes handle, axle, wheels, front bracket and mounting hardware.
  Order K866

**STICK OPTIONS**

- Accessory Kit, 150 Amp
  For stick welding. Includes 20 ft. (6.1 m) #6 electrode cable with lug, 15 ft. (4.6 m) #6 work cable with lugs, headshield, filter plate, work clamp, electrode holder and sample pack of mild steel electrode.
  Order K875

- Accessory Kit, 400 Amp
  For stick welding. Includes 35 ft. (10.7 m) #2/0 electrode cable with lug, 30 ft. (9.1 m) #2/0 work cable with lugs, headshield, filter plate, work clamp, and electrode holder.
  Order K704

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 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.

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