

# Idealarc® 250

## 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

208/230/460/1/60

## Input Current @ Rated Output

AC: 95/86/43A

DC: 75/68/34A

## Rated Output

AC: 250A/30V/30% Duty Cycle

DC: 250A/30V/30% Duty Cycle

## Output Range

AC: 35-300A

Max. OCV: 72V

DC: 40-250 A

Max. OCV: 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)

## 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



### INPUT



### OUTPUT



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



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## THE LINCOLN ELECTRIC COMPANY

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

**LINCOLN**  
**ELECTRIC**  
THE WELDING EXPERTS®

## PRODUCT SPECIFICATIONS

Product Name	Product Number	Input Power	Input Current@ Rated Output	Rated Output Current/Voltage/ Duty Cycle	Output Range	H x W x D inches (mm)	Net Weight lbs. (kg)
Idealarc® 250	K1053-9 with Power Factor Capacitors	208/230/460/1/60	75/68/34A	AC: 250A/30V/30% DC: 250A/30V/30%	AC: 35-300A Max. OCV: 72V  DC: 40-250A Max. OCV: 70V	27 x 19 x 21.5 (686 x 483 x 546)	350 (159)
	K1053-8	230/460/575/1/60	86/43/34A				

## RECOMMENDED ACCESSORIES TO EXPAND MACHINE CAPABILITIES



### GENERAL OPTIONS

#### Undercarriage

For hand moving. Includes handle, axle, wheels, front bracket and mounting hardware.

Order K866



#### 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



### STICK OPTIONS

#### 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](http://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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