

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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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 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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