

# Idealarc® DC400

## Processes

Stick, TIG, MIG, Flux-Cored,  
Gouging

## Product Number

K1308-12 230/460V w/meters and MPS  
K1308-25 230/460/575V w/meters  
and GFCI  
K1309-17 230/400V CE w/meters  
K1309-20 220/380/440V w/meters

*See back for complete specs*

## Input Power (Voltage/Phase/Hertz)

K1308-12: 230/460V/3/60  
K1308-25: 230/460/575V/3/60  
K1309-17: 230/400V/3/50/60  
K1309-20: 220/380/440V/3/50/60

## Input Current at Rated Output (100% Duty Cycle)

220V: 81A  
230V: 78A  
380V: 47A  
400V: 45A  
440V: 40A  
460V: 39A  
575V: 31A

## Rated Output

400A/36V/100%  
450A/38V/60%

## Output Range

60-500A / 12-42V

## Weight/Dimensions (H x W x D)

473 lbs. (215 kg)  
27.5 x 22.3 x 33.1 in.  
(698 x 566 x 840 mm)

## Industrial DC Multi-Process Welders

Rugged construction, simple controls and a 100% duty cycle output rating make these machines a sound investment for heavy duty shop applications. Add the outstanding traditional SCR rectifier arc action delivering high quality, attractive welds and your operators will agree – it's hard to go wrong with an Idealarc® DC400.

### FEATURES

- ▶ **Full range output voltage control** for easy operation and precise control.
- ▶ **Standard analog ammeter and voltmeter.**
- ▶ **Mode switch** for selecting desired output characteristics.
- ▶ **115V, 15 amps, duplex auxiliary power receptacle** makes it easy to power lights, grinders and other shop tools at your work station (K1308-25 only).
- ▶ **Flat-top case** with a small footprint can be placed under a workbench or stacked up to 3 high on top of each other.
- ▶ **Windings and rectifiers** are protected against moisture and corrosive environments.
- ▶ **Seven-year warranty** on power rectifier.



Shown: K1308-25

### APPLICATIONS

- ▶ Metal Fabrication
- ▶ Maintenance and Repair
- ▶ Autobody/Farm
- ▶ Light Industrial

### INPUT



### OUTPUT



UL/CSA Approval on 60 Hz models.



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



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