

AC/DC 225/125

Processes

Stick

Product Number

K1297

See back for complete specs

Input Power

230/1/60

Rated Output

AC: 225A/25V/20% Duty Cycle

DC: 125A/25V/20% Duty Cycle

Input Current @ Rated Output

AC: 50A

DC: 36A

Output Range

AC: 40-225 Amps, DC: 30-125 Amps

Weight/Dimensions (H x W x D)

124 lbs. (56.3 kg)

24.0 x 17.25 x 12.0"

(610 x 438 x 305 mm)

Tackle more tasks with AC/DC.

The AC/DC 225/125 is the same proven design as the renowned AC-225 arc welder, but adds the smoother, more stable DC welding arc. This machine is ideal for farm, shop, and home use where improved arc welding performance is desired.

FEATURES

- ▶ **Easy to operate** - With front mounted AC/DC polarity switch and full range amperage selector switch for accurate and dependable procedure setting.
- ▶ **Smooth arc** - Makes it easy to weld with different electrodes, including mild steel, low hydrogen, stainless steel and hardfacing electrodes.
- ▶ **125 amp DC output** - Enough for most 1/8" (3.2 mm) electrodes.
- ▶ **225 amp AC output** - Enough for 3/16" (4.8 mm) diameter general purpose mild steel electrodes and 5/32" (4.0 mm) sizes of other electrodes.
- ▶ **NEMA rated, UL listed and CSA approved.**

APPLICATIONS

- ▶ Home / Farm / Shop
- ▶ Maintenance Repair
- ▶ Light Fabrication
- ▶ Hardfacing



WHAT'S INCLUDED

K1297-1 Includes:

- ▶ Insulated electrode holder and cable.
- ▶ Heavy duty work clamp and cable.
- ▶ Input cable with attached plug.

INPUT



OUTPUT



Two Year Extended Warranty Available.



PRODUCT SPECIFICATIONS

| Product Name | Product Number | Input Power Voltage/Phase/Hertz | Rated Output Current/Voltage/Duty Cycle | Input Current @ Rated Output | | Output Range | H x W x D inches (mm) | Net Weight lbs. (kg) |
|---------------|----------------|---------------------------------|---|------------------------------|-----|--|--|----------------------|
| | | | | AC | DC | | | |
| AC/DC 225/125 | K1297 | 230/1/60 | AC: 225A/25V/20% DC: 125A/25V/20% | 50A | 36A | 40-225 Amps AC 30-125 Amps DC Max OCV: 79V AC Max OCV: 73V DC | 24.0 x 17.25 x 12.0 (610 x 438 x 305) | 124 (56.3) |

RECOMMENDED ACCESSORIES TO EXPAND MACHINE CAPABILITIES



Wheel Kit
Includes axle, two wheels, and assembly hardware. Can be installed in minutes.
Order K761

| Plate Thickness | | STICK ELECTRODE SELECTION CHART | |
|-----------------|---------------------------------|---------------------------------|-----------------------|
| Medium | 3/32" ELECTRODE DIAMETER | 1/16" TO 7/64" STEEL | Fleetweld® 5P (6010) |
| | | | Fleetweld® 180 (6011) |
| | | | Fleetweld® 37 (6013) |
| | | | Fleetweld® 47 (7014) |
| | | | 7018 |
| | | | JET-LH® 78 (7018 H4R) |
| Heavy | 3/32" - 1/8" ELECTRODE DIAMETER | 1/8" TO 3/16" STEEL | Fleetweld® 5P (6010) |
| | | | Fleetweld® 180 (6011) |
| | | | Fleetweld® 37 (6013) |
| | | | Fleetweld® 47 (7014) |
| | | | 7018 |
| | | | JET-LH® 78 (7018 H4R) |
| Thick | 1/8" - 5/32" ELECTRODE DIAMETER | 1/4" STEEL AND UP | Fleetweld® 180 (6011) |

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.

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. Many variables beyond the control of Lincoln Electric affect the results obtained in applying these types of fabrication methods and service requirements.

Subject to Change – This information is accurate to the best of our knowledge at the time of printing. Please refer to www.lincolnelectric.com for any updated information.

