

# AUTOMATIC SUBMERGED ARC WELDING POWER SOURCE

Idealarc® AC1200



Shown: Idealarc® AC1200

## KEY FEATURES

The Idealarc® AC1200 submerged arc power source is specifically designed for operation with Lincoln Electric's NA-4 automatic wire feeder. It is a power source that you can count on day-in and day-out to provide proven performance.

### Processes »

Submerged Arc

### Applications »

Heavy Equipment, Pressure Vessels, Shipbuilding, Pipe Mills

### Output »



### Input »



### Product Number »

K3140-2 Idealarc® AC1200

## FEATURES

- **Scott® connection taps** standard for two AC welding heads operated in tandem
- **Rheostat** adjusts the output settings while welding or at idle
- **Three output studs** with overlapping ranges
- **±10% input line voltage compensation** for maintaining weld consistency
- **Thermostat protection** from current overload and excessive temperatures
- **Terminal strip** for remote control and wire connections and output studs for welding cables
- **Removable side panels** for easy access to internal parts
- **Windings and rectifiers** protected against moisture and corrosive environments
- **Seven-year warranty** on power rectifier

## KEY CONTROLS



1. Output Control
2. 115V Fuse
3. Thermal Overload Light
4. On/Off Light
5. Local/Remote Switch

## RECOMMENDED ACCESSORIES

### GENERAL OPTIONS



### Weld Fume Control Solutions

Lincoln Electric offers a wide variety of weld fume control solutions, ranging from portable systems easily wheeled around the shop to shop-wide central systems servicing many dedicated welding stations.

**Request Publication MC08-70**

### WIRE FEEDER OPTIONS



### NA-4 Automatic Wire Feeder

This automatic drive head and control is designed for hard automation applications with FCAW-S or SAW processes.

**Request Publication E9.10**

## 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)
Idealarc® AC1200	K3140-2	380/415/440/460 <sup>(1)</sup> /1/50/60	1200A/44V/100%	230/201/190/182A	240-1500A, 30-44V (50/60 Hz) 200-1500A, 28-44V (60 Hz)	62.2 x 22 x 38 (1580 x 559 x 965)	1636 (742)

<sup>(1)</sup> 60 Hz only

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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