

# CV-500-I



The CV-500I is a constant voltage, heavy-duty, DC arc welding power source. Designed primarily for industrial MIG and flux-cored applications. This welding workhorse stands up to the toughest jobs, even at high amperage/high duty cycles.

Combining power, performance and versatility providing phenomenal welding characteristics and 500 amps to cover all your heavy-duty jobs with mild steel, stainless steel, aluminium and alloy welding consumables.

This rugged and dependable power source is built to withstand the harsh conditions. The transformer, choke and rectifier are fully dipped in special insulating sealants for protection from moisture and corrosive atmospheres. Making it an ideal power source for shipyards, fabrication shops, and field construction sites.

The CV-500-I features include factory fitted volt and amp meters, infinitely variable voltage control with facility for the voltage to be remotely controlled from the wire feeder.

The CV-500-I is designed to be used with Lincoln's LN-21, LN-214, LN-7, LN-8, LN-9, LN-10, DH-10, Cobramatic, NA-3, NA-5, and LN-25 wire feeders.

***Engineered to Perform ...  
Built to Last!***

## **ADVANTAGE LINCOLN**

- Continuous output voltage control for easy operation and precise weld procedure setting
- Volt/amp meters
- Lincoln's unique fixed inductance design delivers exceptional arc characteristics.
- 14 pin MS-type connection for remote control and wire feeder connection
- 115VAC or 42VAC wire feeder power
- Twist-mate output connections
- Solid state circuitry provides extra long life for repetitive welding tasks
- Electronic and thermostatic protection from current overload and excessive temperatures.
- Line voltage compensation for maintaining weld consistency, even with line voltage fluctuations +/- 10%
- All weather, full environmental (including salt water) protection for field construction
- Low profile case allows installation of the CV-500-I under a workbench and for stacking up to 3 machines to conserve floor space.
- 3 year warranty parts and labour

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## TECHNICAL SPECIFICATIONS

Part Number	Input Voltage	Input Current rated DC Output*	Duty Cycle	Output Range	Max OCV	Weight (kg)	Dimensions H x W x D (mm)
KA1347-1	380/3/50/60	33A	400A, 36V @ 100%	60-500 Amps	46	174	699 x 565 x 813
KA1347-21	220/380/440/3/50/60	57/33/28A	500A, 40V @ 50%				
KA1347-27	415/3/50/60	30A					

## RECOMMENDED OPTIONS



### Remote Voltage Control

Provides 7.6m (25ft) of remote output control (6 pin plug connection). Requires K864 Control Cable Adapter.

**Order K857**



Magnum 400 shown

### Magnum® Gas-Shielded Gun Cable Assemblies

Available 200-550 amps, air-cooled, gas-shielded welding guns.



K126 Self-Shielded Gun and Cable Assembly Shown

### Magnum Self-Shielded Gun and Cable Assemblies

Available 200-550 amps.



### Remote Control Cable Adapter

Y connection adapter for connecting K857 Remote Voltage control (6 pin plug connection) and wire feeder input cable (14 pin plug connection) to CV-500-I 14 pin receptacle.

**Order K864**



### Cool-Arc 40

The Cool-Arc 40 water cooler provides an ideal Welding environment for higher productivity Mig applications.

**Order K2187-1**



### LN-7 Wire Feeder

The LN-7 semiautomatic wire feeder for dependable, interruption-free, rugged feeding. In an affordable, compact, and easy to use machine.

**Order K440**

### Undercarriage

A mounting frame with wheels for hand moving.

**Order KA1236**

### Undercarriage

A platform undercarriage with mountings for gas cylinder at the rear of the welder.

**Order KA1237**

### 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 advice or information about their use of our products. We respond to our customers based on the best information in our possession at that time. Lincoln Electric is not in a position to warrant or guarantee such advice and assumes no responsibility, with respect to such information or advice. We expressly disclaim any warranty of any kind, including any warranty of fitness for any customer's particular purpose, with respect to such information or advice. As a matter of practical consideration, we also cannot assume any responsibility for updating or correcting any such information or advice once it has been given, nor does the provision of information or advice create, expand or alter any warranty with respect to the sale of our products.

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.

## The Lincoln Electric Company (Australia) Pty. Ltd.

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**ELECTRIC**  
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