



# *E500 4Paks*

**Extreme-Duty™  
DC Electric Welder**



***Rugged Tubular Pak-Lok-Frame™  
Excellent Performance and Versatility  
Extreme-Duty™ Stainless Steel Construction  
Available as 4Pak™ or 6Pak™ Multioperator Systems***

**1-800-245-3660**  
Rental Centers Across North America

**North America's Largest Fleet of Welding and Positioning Equipment**

# E500 4Paks

## Extreme-Duty™ DC Electric Welder

### PROCESSES

- Stick (SMAW) with all types and sizes of electrodes
- Scratch Start DC TIG (GTAW)
- MIG (GMAW) and Flux-Cored (FCAW-SS) with voltage sensing wirefeeders
- Air Carbon Arc Cutting and Gouging (CAC-A) up to 3/8" diameter electrodes

### FEATURES

- DP120 Power Distribution Panel included
- ideal arc characteristics for critical welding such as low hydrogen and stainless steel electrodes
- a smooth arc with superior all-position stability resists pop-outs and limits spatter making code quality welds and clear x-rays easier to attain
- full range output control with a "high" and "low" range for more precise output setting
- Arc Force Control provides variable additional amperage during low voltage (short arc length) conditions which prevents sticking and shorting of organic coated electrodes, particularly globular transfer types such as stainless and low hydrogen, especially effective for root pass on pipe with stainless electrode
- line voltage compensation for constant output regardless of input power fluctuations
- Fan-as-Needed™ for lower power costs, less noise and fewer contaminants drawn into the machine resulting in less maintenance
- Extreme-Duty™ stainless steel construction for operation in harsh environments
- rugged tubular Pak-Lok-Frame™ enclosure for increased protection
- can be assembled with Pak-Lok™ connectors into 4Pak™ and 6Pak™ multioperator systems with single source power input ideal for onsite applications including construction and shipbuilding
- thermostatically protected against transformer overheating during overload currents and against insufficient cooling
- recessed front panels protect controls, totally enclosed control circuit compartment
- all weather, full environmental protection (including salt water) for field construction
- triple dipped transformer assemblies for added reliability in adverse conditions
- drip-proof ventilation for protection in outdoor conditions
- NEMA class I Rating
- multi-voltage input from a three phase line
- optional K930-1 TIG module for high quality TIG welding
- optional shop cart connects to Pak-Lok-Frame™ with Pak-Lok™ connectors
- optional potentiometer type remote control connects by 3-pin Amphenol connector
- optional Pocket Amptron™ provides "wireless" remote current control

### SPECIFICATIONS (Individual Module)

- **Rated Output:**
  - 75 - 625 amps DC constant current welding
  - 67 volts maximum O.C.V.
  - 500 amps, 40 volts at 60% duty cycle
- **Average Idle Amps:** 8.7 @ 230 volts
- **Rated Input Current:**
  - 93 amps at 230 volts
  - 46.5 amps at 460 volts
  - 37.2 amps at 575 volts
- **Power Factor (200 amp load):** 69 amps

- **4Pak Specifications**

**Weight:** 2498 lb (1133.1 kg)  
**Height:** 76" (1930 mm)  
**Width:** 57" (1448 mm)  
**Depth:** 43.5" (1105 mm)

- **6Pak Specifications**

**Weight:** 3694 lb (1675.6 kg)  
**Height:** 76" (1930 mm)  
**Width:** 84" (2134 mm)  
**Depth:** 43.5" (1105 mm)



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