



E300 3+2

**Extreme-Duty™
CC/CV DC Welder**



**2000 Watts AC Auxiliary Power
Rugged Tubular Pak-Lok-Frame™
Extreme-Duty™ Stainless Steel Construction
350 Amps Output at 34 Volts and 20% Duty Cycle
Available as 4Pak™ and 6Pak™ Multioperator Systems**

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

North America's Largest Fleet of Welding and Positioning Equipment

E300 3+2

Extreme-Duty™ CC/CV DC Welder

PROCESSES

- DC Stick (SMAW) welding with all types of electrodes up to 3/16" diameter
- Scratch Start DC TIG (GTAW)
- MIG (GMAW) up to 350 amps at 34 volts, 20% duty cycle
- Self-shielded and gas-shielded flux-cored (FCAW-SS/FCAW-GS)
- MIG welding with voltage sensing wirefeeders, 115 volt constant speed wirefeeders, 115 volt Spool Guns and 115 volt Cobramatic wirefeeders
- Air Carbon Arc Cutting and Gouging (CAC-A) up to 3/16" (4.8 mm) diameter electrodes

FEATURES

- Extreme-Duty™ stainless steel construction for operation in harsh environments
- outstanding arc characteristics on both constant current and constant voltage processes
- windings and rectifiers protected against moisture and corrosive environments
- single range full output current/voltage potentiometer for easy operation
- solid state circuitry provides extra long life for repetitive welding applications
- arc force on/off switch
- arc force control (CC mode only) to adjust short circuit current for a soft arc or a forceful driving arc
- hot start for easier starting of difficult-to-start electrodes
- fan cooled with electronic and thermostatic protection from current overload and excessive temperatures
- thermal fan circuit breaker
- 3 pin MS style cable connection for CC stick, potentiometer type remote controls
- 14 pin MS style cable connection for constant speed wirefeeder controls
- 30 amp input power on/off circuit breaker
- 120 volt 10 amp wirefeeder circuit breaker
- 120 volt 10 amp thermal fan circuit breaker
- 120 volt 20 amp auxiliary duplex receptacle with circuit breaker
- 120 volt GFI breaker for 115 volt auxiliary power and wirefeeder circuit
- CSA approved
- 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
- optional shop cart connects to Pak-Lok-Frame™ with Pak-Lok™ connectors

SPECIFICATIONS

- Weight: 285 lb (130 kg) Weight including Pak-Lok-Frame™: 322 lb (146.1 kg)
- Height: 20.625" (524 mm) Width: 16" (406 mm) Length: 27.125" (689 mm)
- Pak-Lok-Frame™ Dimensions: Height: 22.375" (568 mm) Width: 21.25" (540 mm) Length: 31.5" (800 mm)
- Output Rating:

Amperes	350	250	180
Volts	34	30	27.5
Duty Cycle	20%	60%	100%

- Output Range: (min.) 20 amps @ 20 volts CC, 15 volts CV (max.) 350 amps @ 34 volts CC, 45 volts CV

- Maximum O.C.V.: 70 CC (45 CVI)

- Input Ratings:
- | | |
|--------------------|--------------------|
| 20 % duty cycle | 60 % duty cycle |
| 350 amps, 30 volts | 250 amps, 30 volts |

480 volts	31 amps	21.5 amps
600 volts	24 amps	17 amps

- Input KVA: 16.9 at 250 amps, 30 volts
- Power factor at rated load: .65 cosfi
- Efficiency at rated load: 68%
- Idle Current: 2.3 amps (@ 230 volt input)
- Idle Power: .53 kW



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info@red-d-arc.com

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