

**Red-D-Arc  
Welderrentals**

**DC1000**

**Extreme-Duty™  
CC/CV DC Welder**



***Rugged Tubular Pak-Lok-Frame™  
Extreme-Duty™ Stainless Steel Construction  
1000 amps DC at 44 volts and 100% Duty Cycle  
Submerged Arc (SAW), Flux-Cored (FCAW-SS/GS)  
Gouging (CAC-A), Stick (SMAW) and MIG (GMAW)***

**1-866-733-3272**

**Rental Centers Across North America**

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

# DC1000

## Extreme-Duty™ CC/CV DC Welder

### PROCESSES

- Submerged Arc (SAW) up to 1000 amps DC at 44 volts and 100% duty cycle
- Self-shielded and gas-shielded flux-cored (FCAW-SS/FCAW-GS)
- Air Carbon Arc Cutting and Gouging (CAC-A) up to 5/8" (16 mm) diameter electrodes
- Stick (SMAW) and MIG (GMAW) from 500 amp output stud
- Operates with 42 volt constant speed wirefeeders (transformer kit required), 115 volt constant speed wirefeeders, automatic wirefeeders (NA3, NA5) and sub-arc tractors (LT7, LT56)

### 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
- full range output current/voltage potentiometer for easy operation
- solid state circuitry provides extra long life for repetitive welding applications
- ammeter and voltmeter for viewing weld parameters
- three position mode switch (CV Submerged Arc, CV Innershield, CC Submerged Arc/Gouging) for optimal arc characteristics
- 500 amp output stud provides enhanced lower current arc characteristics for stick welding and short arc solid wire and gas welding (machine codes above 9500)
- line voltage compensation for constant output regardless of input power fluctuations up to  $\pm 10\%$
- fan cooled with electronic and thermostatic protection from current overload and excessive temperatures
- terminal strip connections for remote control and wirefeeders
- heavy duty push button on/off control with pilot light
- can be paralleled for up to 2,000 amps at 100% duty cycle of welding power (paralleling kit required)
- fuse protected 115 VAC 8 amp wirefeeder auxiliary power
- 3 year warranty on parts and labor
- certified to ISO requirements, CSA and UL approved
- rugged tubular Pak-Lok-Frame™ enclosure for increased protection
- optional shop cart connects to Pak-Lok-Frame™ with Pak-Lok™ connectors

### SPECIFICATIONS

- Weight: 821 lbs (372 kg) Weight including Pak-Lok-Frame™: 962 lbs (437.3 kg)
- Height: 30.7" (781 mm) Width: 22.5" (572 mm) Length: 39.0" (991 mm)
- Pak-Lok-Frame™ Dimensions: Height: 31.6" (803 mm) Width: 28" (711 mm) Length: 41" (1041 mm)
- Rated Output: 1000 amps, 44 volts at 100% duty cycle
- Output Range: 16- 46 volts  
150-1300 amps  
75 volts maximum O.C.V.
- Input: 230/460/575 volts, 60 hertz, 3 phase
- Rated Input Current: 193 amps at 230 volts  
96.5 amps at 460 volts  
77.2 amps at 575 volts