

**Red-D-Arc
Welderrentals**

DC600
Extreme-Duty™
CC/CV DC Welder



***Rugged Tubular Pak-Lok-Frame™
Extreme-Duty™ Stainless Steel Construction
600 amps DC at 44 volts and 100% Duty Cycle
Available in 4Pak™ Multioperator Systems and
in Selecta-Paks™ for Multiprocess Applications***

1-866-733-3272
Rental Centers Across North America

North America's Largest Fleet of Welding and Positioning Equipment

DC600

Extreme-Duty™ CC/CV DC Welder

PROCESSES

- DC Stick (SMAW)
- Scratch Start DC TIG (GTAW)
- DC TIG (GTAW) with optional K930-2 TIG MODULE
- MIG (GMAW) up to 600 amps DC at 44 volts and 100% duty cycle
- Self-shielded and gas-shielded flux-cored (FCAW-SS/FCAW-GS)
- Submerged Arc (SAW)
- Air Carbon Arc Cutting and Gouging (CAC-A) up to 3/8" (10 mm) diameter electrodes
- Operates with voltage sensing wirefeeders, 42 and 115 volt constant speed wirefeeders, Spool Guns and Cobramatic™ 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 and precise tool control
- solid state circuitry provides extra long life for repetitive welding applications
- ammeter and voltmeter for viewing weld parameters
- three position mode switch (CC Stick, CV MIG/FCAW, and CV Submerged Arc) for optimal arc characteristics
- 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 1,200 amps at 100% duty cycle of welding power (paralleling kit required)
- 3 year warranty on parts and labor
- certified to ISO requirements, 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 output ideal for onsite applications including construction and shipbuilding
- 115 VAC 15 amps auxiliary power, duplex receptacle ⁽¹⁾
- fuse protected 42 VAC 10 amp auxiliary power circuit with MS connection for 42 VAC wirefeeders ⁽¹⁾
- fuse protected 115 VAC 15 amp auxiliary power circuit with MS and terminal strip connections for 115 VAC wirefeeders and 15 amp duplex receptacle for power tool operation ⁽¹⁾
- can be combined with other types of welders in Selecta-Paks™ for a range of welding and cutting capabilities
- optional shop cart connects to Pak-Lok-Frame™ with Pak-Lok™ connectors
- optional Multiprocess Switch allows quick changing between processes

⁽¹⁾ Machine codes below #10663 do not have 42 volt auxiliary power, 115 VAC auxiliary duplex receptacle, or MS connections.

SPECIFICATIONS

- Weight: 522 lbs (237 kg) Weight including Pak-Lok-Frame™: 640 lbs (291 kg)
- Height: 30.7" (781 mm) Width: 22.2" (565 mm) Length: 38.0" (965 mm)
- Pak-Lok-Frame™ Dimensions: Height: 31.6" (803 mm) Width: 28" (711 mm) Length: 41" (1041 mm)
- Rated Output: 70 - 780 DC CV welding, 13 - 44 DC CV
90 - 780 DC CC welding, 24 - 42 DC CC
72 volts maximum O.C.V.
600 amps, 44 volts at 100% duty cycle
680 amps, 44 volts at 60% duty cycle
750 amps, 44 volts at 50% duty cycle
- Input: 230/460/575 volts, 60 hertz, 3 phase
- Rated Input Current: 113 amps at 230 volts
56.5 amps at 460 volts
45.2 amps at 575 volts