

Red-D-Arc Welderrentals

When you're ready to weld.

Red-D-Arc Welderrentals, an Airgas company, is North America's leading provider of rental welding products and services, with over 30,000 units in a fleet that includes welders, welding positioners and other welding-related equipment, for almost any type of welding process and application.

D300K 3+3 Diesel Welder



300 AMP DC CC WELDER/GENERATOR

EXTREME-DUTY SPECIFICATIONS

KUBOTA V1903 DIESEL ENGINE POWER

3kW 120 VAC AUXILIARY POWER



1-866-733-3272

Rental Centers Across North America

D300K 3+3 Diesel Welder

Processes

Stick (SMAW) Welding with all types of electrodes up to 1/4" diameter

Air Carbon Arc Gouging (CAC-A) with carbons up to 3/16" diameter, TIG (GTAW) Welding with optional K930-2 TIG module

MIG (GMAW) and Flux-Cored (FCAW) Welding with CC/CV model for operation with LN25, LN7 and LN23P wirefeeders

Plasma Cutting (PAC) of up to 7/8" material with D300K 3+3 AirPak model (includes integral compressor)

Description

The D300K 3+3 is a 300 amp @ 50% duty cycle, constant current, DC, diesel engine-driven welder with 3,000 watts 120 VAC auxiliary power. Its copper-wound generator provides excellent welding characteristics. Output adjustment is via a 5-position current-range selector and a fine-current adjustment control. A remote control receptacle for operation with rheostat-type remote controls is standard. A CC/CV model is available which delivers 250 amps @ 100% duty cycle for MIG and flux-cored welding.

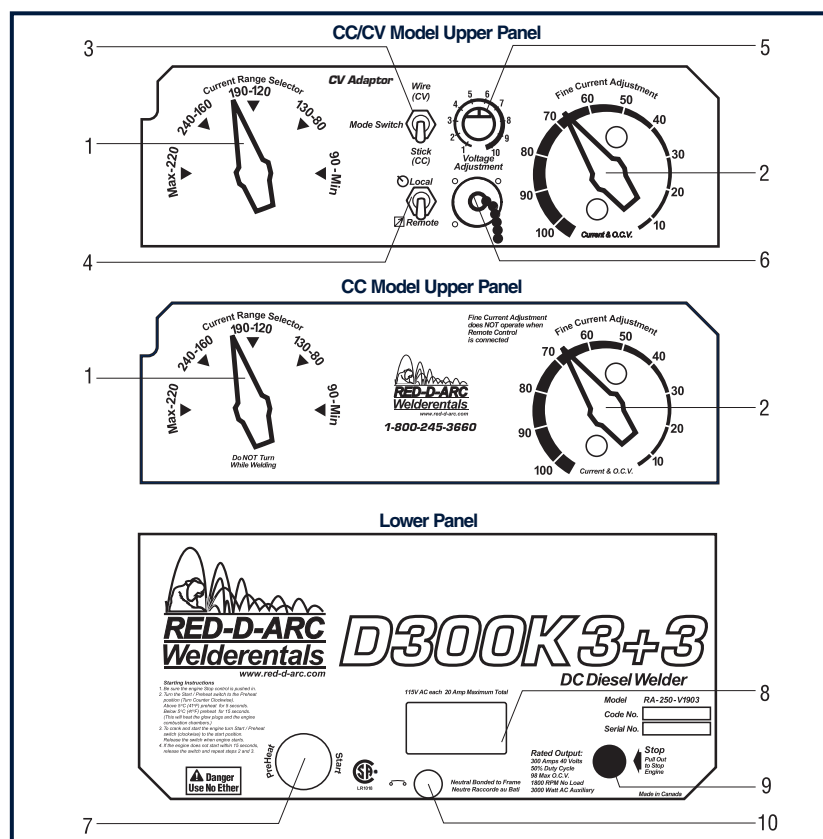
Features

Extreme-Duty™ protective frame
Fuel efficient Kubota diesel engine
Low engine noise level
Engine hourmeter
Battery ammeter
Engine coolant temperature gauge
Standard remote control receptacle
120 VAC, 20 A GFCI duplex receptacle
20 A auxiliary-power circuit breaker
Double rubber-sealed armature bearing
Self-bleeding fuel system
Heavy-duty battery
CSA approved
Optional CC/CV model with Wire Feed Module
Optional construction trailer
Optional 240 VAC auxiliary-power receptacle

Engine

Kubota V1903-EBG, liquid-cooled, four cylinder, 26 HP @ 1800 rpm, 113 cu. in. industrial diesel engine is designed for 10,000 hours operation before first basic overhaul. Engine runs at a constant 1800 RPM for longer service-intervals, long engine-life and low operating-costs. Engine preheat provides excellent cold weather starting (with no ether required). Automatic engine shutdown protection for low oil-pressure is standard.

Control Panel



Specifications

DC AMPERAGE RANGE	40 - 350 A
MAXIMUM OCV	98 V
RATED CC OUTPUT	300 A at 32 VDC, 60% duty cycle 250 A at 30 VDC, 100% duty cycle
AUXILIARY POWER	3,000 Watts, 120 VAC Single-phase, 60 Hz
WEIGHT	1434 lb (650.5 kg)
FUEL CAPACITY	15 gal (57 L)
FUEL CONSUMPTION	0.44 GPH (1.65 LPH)
FUEL TYPE	No. 2-D (ASTM D975) only
FUEL FILTER	Kubota 16631-43560
ENGINE OIL CAPACITY	9.5 qt (9 L)
ENGINE OIL TYPE	above CD grade
OIL FILTER	Kubota 15521-32430
COOLANT CAPACITY	6 qt (5.7 L)
AIR FILTER ELEMENT	Kubota TA040-93230
DIMENSIONS	H: 43.5" (1101 mm) W: 24" (610 mm) L: 70" (1778 mm)
OPERATOR MANUAL	IM-663
PARTS MANUAL	P-485

1. Current Range Selector
2. Fine Current Adjustment
3. CV Mode Switch (CC/CV model)
4. Remote/Local Switch (CC/CV model)
5. Voltage Adjustment (CC/CV model)
6. 14-pin MS Remote Receptacle (CC/CV model)
7. Engine Preheat/Start Switch
8. 120 V, 20 A GFCI Auxiliary Receptacle
9. Engine Stop Control
10. 20 A Auxiliary Power Circuit Breaker