

Red-D-Arc Welderentals

When you're ready to weld.

Red-D-Arc Welderentals, an Airgas company, is North America's leading provider of rental welding products and services, with over 50,000 units in a fleet that includes welders, welding positioners and other welding-related equipment, for almost any type of welding process and application.

GX300 Gasoline Welder



305 AMPS DC CC CV WELDING

EXTREME-DUTY SPECIFICATIONS

KOHLER COMMAND CH22 GASOLINE ENGINE

10 kW 120/240 VAC AUXILIARY POWER



(Shown with Extreme-Duty protective frame and Shop Wheel Kit options)



Airgas

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

GX300 Gasoline Welder

Processes

DC CC - Stick, Stick-Pipe, TIG (with *Touch-Start*) Welding and Air Carbon Arc Gouging with up to 3/16" diameter carbons
DC CV - MIG (with CO₂ and blended gases) and Flux-Cored Welding

Description

The GX300 is a 305 amp DC, multiprocess, 100% duty cycle, gasoline engine-driven welder with 10,000 watts peak (9,500 watts continuous) 120/240 VAC 60 Hz auxiliary power. Rugged and dependable, the GX300 welder is built to *Extreme-Duty* specifications with a totally enclosed case and is available with an optional protective frame with base that will accept a 3-wheel shop wheel kit. With an optional adapter, the frame with base can also be mounted on a 3+3 construction trailer. Designed for welding professionals who demand a superior welding arc. CSA certified.

Engine

Kohler OHV Command CH22, 2 cylinder, 4 cycle, air-cooled, 22 HP @ 3600 RPM, 41 cu in (674 cc) gasoline engine

Features

"Chopper Technology" delivers easy welding starts, smooth arc, low spatter and excellent weld bead appearance.

Output Control is via a single, full-range, potentiometer-type output control (which eliminates output-selection taps).

Welding Mode selection includes **CV-Wire**, **Downhill Pipe**, **CC-Stick** and **Touch Start Tig** positions.

Arc Control adjustment gives a softer, buttery arc or a more forceful, digging arc in **CC-Stick** welding mode and inductance/pinch control in **CV-Wire** welding mode.

Built-in "hot start" for easier starts and restrikes, minimizing the electrode "sticking" to the work.

Enhanced **Downhill Pipe** welding mode provides faster travel speeds - especially on fill passes.

No high frequency is required with **Touch Start Tig** - you just lift the tungsten from the work to start the arc.

When the torch is lifted at the end of weld, there is a voltage-sensing arc cutoff providing enhanced weld quality.

Output at welding terminals can be switched to **Weld Terminals On** or **Remotely Controlled**.

A **Wire Feeder Voltmeter** switch matches the polarity of the wirefeeder-voltmeter to the polarity of the electrode.

Remote output control is auto-activated when a remote control is plugged into a 3-pin MS connector and constant-speed wirefeeders (such as the LN7) are controlled remotely via a 14-pin MS connector.

An electric fuel pump assures consistent delivery in high altitude and warm ambient-temperature conditions.

An engine hour-meter and an electric fuel-gauge mounted on the control panel are standard.

The fully-enclosed sheet metal package results in a low 101.3 dB sound rating (Lwa) at rated load.

Engine idle speed can be switched between **High Idle** and **Auto Idle**.

Options

Red-D-Arc LN25 Wirefeeder K449-2

Extreme-Duty protective frame and base

Shop Wheel Kit (bolts to protective frame and base)

3+3 Construction Trailer (requires mounting adapter)

GX300 with 3+3 Construction Trailer



(Shown with optional Extreme-Duty protective frame and base, mounting adapter and 3+3 construction trailer)

Specifications

DC WELDING OUTPUT	<p>CC-Stick 20 to 305 A, 29 V at 305 A, @100% duty cycle</p> <p>Downhill Pipe 40 to 300 A, 29 V at 300 A, @100% duty cycle</p> <p>Touch Start Tig 20 to 250 A, 30V at 250 A, @100% duty cycle</p> <p>CV-Wire 14 to 29 V, 29 V at 300 A, @100% duty cycle</p>
OCV @ 3700 RPM	60 V
AUXILIARY POWER	<p>10,000 watts Peak 9,500 watts Continuous</p> <p>2 - 20 A GFCI 120 VAC receptacles with covers</p> <p>1 - 40 A 120/240 VAC receptacle with cover</p>
WEIGHT	540 lb (245 kg)
FUEL /OIL CAPACITY	12 gallons (45.4 litres), 2.0 quarts (1.9 litres)
DIMENSIONS	H: 39.2" (996 mm) W: 24" (610 mm) L: 48" (1219 mm)
SPEED (RPM)	High Idle 3,700 Full Load 3,500
ENGINE PROTECTION	Low oil-pressure shutdown