

GX271
Extreme-Duty™
Multiprocess
DC Welder/Generator



CC/Pipe/CV Modes
9,000 Watt AC Generator
Extreme-Duty™ Specifications
20 HP Honda GX620 Gas Engine
275 amps DC at 100% Duty Cycle

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

GX271

Extreme-Duty™ Multiprocess DC Welder/Generator

PROCESSES

- **Stick (SMAW) welding with all types of electrodes up 3/16" in diameter**
- **Air Carbon Arc Cutting and Gouging (CAC-A) with carbons up to 3/16" in diameter**
- **DC TIG (GTAW) with optional K930-2 TIG MODULE**
- **MIG (GMAW) solid wire and flux-cored/gas-shielded wire (FCAW-SS/FCAW-GS) up to 275 amps at 100% duty cycle**
- **Operates with voltage sensing wirefeeders, 42 volt and 115 volt constant-speed wirefeeders, Spool Guns and Cobramatic wirefeeders**
- **Plasma Cutting (PAC) of up to 1/2" material when operated with a VIPER plasma machine**

FEATURES

- **3 welding mode selector switch: CV Wirefeed, CC Stick/TIG, and CC Pipe Welding**
- **single, full-range output control dial provides continuous CC current control from 20 amps to 300 amps in the CC Stick/TIG and CC Pipe Welding modes and continuous CV welding arc voltage control from 12 volts to 32 volts in the CV Wirefeed mode**
- **arc control operates in the CC Stick/TIG mode providing adjustment of the short circuit (arc force) current which prevents sticking of the electrode at low welding currents and also operates in the CV Wirefeed mode acting as an inductance control providing a "softer" arc (lower setting) for MIG Welding and a "crisp" arc (higher setting) for Innershield welding**
- **3 pin Amphenol remote control connection, 14 pin Amphenol 42 volt and 115 volt wirefeed connection**
- **output at welding terminals can be switched to "Always On" or "Contactor Controlled" providing convenience and added safety when welding in electrically hazardous conditions**
- **Extreme-Duty™ construction includes stainless steel body panels, powder coated protective frames, E-Coat primer on laminations, additional dippings of critical internal components in protective sealants and R.T.V. coated P.C. boards for enhanced protection in harsh environments**
- **20 HP Honda GX620 VAF 2 cylinder, 4 cycle, OHV, air-cooled gasoline engine (LPG version available)**
- **"chopper" technology electronic controls provide excellent arc welding characteristics**
- **engine hour meter, ammeter, electric starter**
- **automatic engine idler for better fuel economy, automatic engine shutdown protection for low oil pressure**
- **certified to ISO 9002 requirements, CSA approved**
- **3 year warranty on welding components, engine warranted by engine manufacturer**
- **optional shop cart available / optional Rubber-Ride-Axle™ highway trailer available**

SPECIFICATIONS

- **Weight 469 lbs (212.7 kg)**
- **Height: 32.25" (819 mm) Width: 19" (483 mm) Length: 42.625" (1083 mm)**
- **Fuel: 9 gallons (34 litres) Fuel Consumption: 1.67 gallons (6.32 litres) per hour at rated load**
- **Oil: 1.59 quarts (1.5 litres) Coolant: air cooled**
- **Operating speeds: full load 3,400 rpm, high idle 3,700 rpm, low idle 2,400 rpm**
- **Rated Output: 20 - 300 amps DC CC welding current, 12 - 32 volts DC CV full-range control dial**
 - 80 volts DC maximum OCV at 3,700 rpm**
 - 275 DC CC amps, 28 arc volts at 100% duty cycle**
 - 275 DC CV amps, 28 arc volts at 100% duty cycle**
 - 300 DC CV/CC amps, 25 volts at 60% duty cycle**
- **Auxiliary Power: 9,000 watts, 60 Hz, 120/240 volts at 100% duty cycle, circuit breaker protection ⁽¹⁾**
 - 75 amps at 120 volts, 37.5 amps at 240 volts**
 - two 115 volt duplex receptacles and one 115/230 volt full KVA**
 - 42 volt and 115 volt auxiliary power for wirefeeders**

(1) when welding, available auxiliary power will be reduced



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