

# Big Blue® 400 X CC/CV

January 2011 • Index No. EDX/10.1

**Engine-Driven  
Welder/Generator**



## Quick Specs



### Applications

Process Piping  
Maintenance and Repair Rigs  
Structural Steel  
Mining Maintenance  
Heavy Construction  
Sheet Metal

### Process

Stick  
Fluxed Cored  
DC Tig

**IP 23**

### Rated Output:

400 A, 23V, 30% DC 40° C  
300 A, 32V, 60% DC 40° C

### Output Range:

Stick 20-410 A  
MIG 14 - 30,3 V

### Generator Output Rated:

Max. 12Kw 230 VAC

### Weight:

499 kg

## The Power of Blue.®

**Designed for fleet owners** that demand the ultimate in reliability and performance.

### Remote toolless oil drain

allows oil to be drained without getting under the engine and reduces the chance of oil spillage.

### Tailored Arc Control (DIG)

allows the arc characteristics to be changed for specific applications and electrodes.

Smooth running 7018 or stiffer, more penetrating 6010 electrodes.

**Low OCV** is a simple design that reduces the open-circuit voltage to 41 V when the welding machine is not in use. Does not affect arc starts.

### Auto Remote Sense (ARS)

detects if a remote control is plugged into the 14-pin receptacle and eliminates confusion of the remote/panel switch.

### Enclosed robust case design

protects internal components from impact and allows air flow to cool and prolong the life of the engine. Also reduces sound levels.



**The Big Blue 400 X is ideal for pipeline contractors, rental or fleet managers** who value reliability, ease of service, and long life at an economical price.

### Low-speed industrial diesel engine

(1800 RPM) offers long service intervals, long engine life and low operating expenses.

### Quiet at only 96 Lwa (77 dB at 4 m) at maximum output.

Improves work site communication and safety.

### Thermal overload protection

prevents machine damage if the duty cycle is exceeded or airflow is blocked.

### Marine-grade ignition switch is

sealed and protected from water and dust. One switch controls engine operation.

### High efficiency 3-phase, rotating-

field welding generator requires less fuel and horsepower to operate.



Engine is warranted 2 years by engine manufacturer.  
Welder/generator is warranted by Miller for 3 years, parts and labour.

**MADE IN USA**  
APPLETON, WI



Distribuito da:

**TECNOWELD**  
di ROBERTO GAMBERINI  
MATERIALI E MACCHINE PER SALDATURA

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## Specifications



Welding Mode	Welding Output	Rated Output	Generated Rated Output	Max. Open-Circuit Voltage	Dimensions	Weight
CC/ DC	20 - 410 A	400 A at 23 VDC, 30% Duty Cycle 300 A at 32 VDC, 60% Duty Cycle	12.000 W max. 10.000 W cont. 230 VAC/1 Ph., 46 A 50/60 Hz	73 V (41 VRD) *	H: 813 mm W: 660 mm D: 1422 mm	499 kg
CV/ DC	14 - 30,3 V					
CV/ DC Flux Cored	14 - 30,8 V					

\* Reduced OCV

## Ordering Information

Power Source	Stock No.	Description
<b>Big Blue 400 CX CC/CV Flux Cored</b>	<b>907 143</b>	Caterpillar Motor and 230 V Auxiliary Power
<b>Accessories</b>		
Cold Weather Starting Aid	<b>195 056</b>	Perkins, 120V Block Heater
Digital Weld Meter Kit	<b>195 289</b>	Optional
FA-1D Lockable Fuel Cap Flame Arrestor	<b>043 947</b>	
Protective Cover	<b>195 301</b>	
HF 5000	<b>V29 012 345</b>	HF arc starter for TIG
RHC - 14	<b>242 211 020</b>	Hand Remote Control 6 m
PRHC - 14	<b>028 050 25</b>	Hand Control, with big magnet, on/off switch, 25 m
Welding cable with electrode holder and work cable with earth clamp, Dinse connectors	<b>058 066 041</b>	Length 5 m, 50 mm <sup>2</sup>
	<b>058 066 042</b>	Length 10 m, 50 mm <sup>2</sup>
	<b>058 066 047</b>	Length 15 m, 70 mm <sup>2</sup>
	<b>058 066 048</b>	Length 20 m, 70 mm <sup>2</sup>
Weld Cable Adapter	<b>232 728</b>	Threaded Stud to Dinse 50/70 mm <sup>2</sup>
Suitcase 8 RC	<b>300 660 003</b>	Lightweight portable wire feeder
Suitcase 12 RC	<b>300 663 004</b>	Lightweight portable wire feeder
Suitcase X-Treme 12VS	<b>300 659 001</b>	Lightweight portable V-sense wire feeder, operates on OCV
Ironmate		Flux Cored Guns



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