



THE PROFESSIONAL WELDER'S CHOICE

Designed with the professional in mind, the Big Blue 400 Pro is the best for ease of use, reliability and fuel economy.

BIG BLUE® 400 PRO



Heavy-Duty Low-Speed T4F and T4i Industrial Diesel Engines

Designed to operate over 10,000 hours before the first basic overhaul. Backed by worldwide support and service.



Less Noise

Quieter jobsites are more productive because work crews can communicate easier. The Big Blue 400 Pro is only 71.6 decibels (96 Lwa) under a full load and optional wireless interface control makes it easier to shut off your machine when it's not in use.



Jobsite Safety

Reduce the need to walk back to or climb into the truck bed to make process and parameter changes, or turn your machine on/off. ArcReach® technology provides parameter control at the wire feeder or stick/TIG remote and optional wireless interface control provides full front panel control in the palm of your hand.



Easily Update Technology

With the industrial USB port, you can upload the latest software and download machine log files to retrieve in-depth information from your machine such as diagnostics and statistics.

DYNAMIC DIG™ TECHNOLOGY



Provides independent control of the fluidity of the weld puddle (arc control) and the drive of the arc (DIG range). This delivers a tailorable and user-friendly arc to match the application, material, fit-up and welder technique.

WIRELESS INTERFACE CONTROL (OPTION)



Work hassle-free with full engine-driven welder control in the palm of your hand.

With wireless interface control, you can change welding processes, adjust parameters, select and save preset programs, turn the machine on/off, get service reminders and more from wherever you are on the jobsite. Extend time between fill ups and maintenance intervals while eliminating the need to go back to your machine or climb into the truck to make adjustments.

View Status

View engine status, fuel level, and battery charge level of remote.

Select Processes

View and select between all available processes.

Contactor On/Off

Turn contactor on/off manually in remote welding mode.

Engine On/Off

Turn engine on/off with remote.



Custom Programs

Save custom presets in up to four programs and easily switch between pre-programmed settings.

Fine-Tune Arc

Quickly adjust and save arc control settings including DIG, DIG range inductance and Auto-Stop™.

Amp/Volt Adjust

Adjust amperage or voltage, by increments or percentage, while welding.

ARCREACH® TECHNOLOGY (OPTION) AND ACCESSORIES



ArcReach® Parameter control at the wire feeder or pendant without needing a control cord.

An ArcReach system allows you to change weld settings from your ArcReach feeder or stick/TIG remote, saving a trip to the power supply. ArcReach technology uses the existing weld cable to communicate welding control information between the feeder or stick/TIG remote and the power source. This technology eliminates the need for control cords, and their associated problems and costs.

ArcReach-equipped power sources work with non-ArcReach accessories; however the ArcReach benefit is only realized with the complete ArcReach system. This includes an ArcReach-equipped machine and one or more of the following accessories:

- ArcReach SuitCase feeder
- ArcReach Smart Feeder
- ArcReach Stick/TIG Remote
- ArcReach Heater

BIG BLUE® 400 PRO SPECIFICATIONS (SUBJECT TO CHANGE WITHOUT NOTICE.)

WELDING MODE/PROCESS	AMP/VOLT RANGES	RATED OUTPUT AT 104°F (40°C)	MAX. OPEN-CIRCUIT VOLTAGE	AUXILIARY POWER AT 104°F (40°C)	SOUND LEVELS AT RATED OUTPUT, 23 FT. (7 M)	DIMENSIONS	NET WEIGHT
CC/DC (TIG)	20–400 A	300 A at 32 V, 100% duty cycle	85 VDC 30 VDC*	12,000 watts peak 10,000 watts continuous 1-phase, 84/42 A, 120/240 VAC, 60 Hz	Mitsubishi Idle: 68.7 dB (93 Lwa) Weld: 72.1 dB (97 Lwa) Kubota Idle: 66 dB (91 Lwa) Weld: 71.6 dB (96 Lwa)	H: 32 in. (813 mm) W: 26.25 in. (667 mm) D: 56 in. (1,422 mm)	Mitsubishi 993 lb. (450 kg) Kubota 950 lb. (431 kg)
CC/DC (Stick)	20–400 A	350 A at 27 V, 100% duty cycle					
CV/DC (FCAW/MIG)	14–40 V	400 A at 24 V, 100% duty cycle					

ENGINE SPECIFICATIONS (ENGINES WARRANTIED SEPARATELY BY THE ENGINE MANUFACTURER.)

ENGINE BRAND	FEATURES	HP	TYPE	ENGINE SPEEDS	CAPACITIES	AUTOMATIC ENGINE SHUTDOWNS
Mitsubishi S4L2	EPA Tier 4 Final compliant, includes 120 V block heater	24.7	Four-cylinder, liquid-cooled industrial diesel	Idle: 1,500 rpm Weld: 1,800 rpm	Fuel: 11.5 gal. (43.5 L) Oil: 6 qt. (5.7 L) Coolant: 6 qt. (5.7 L)	Low oil pressure, high coolant temperature, low fuel level
Kubota V1505		20.2				

FOR MORE INFORMATION, VISIT
MillerWelds.com

