

Big Blue® 500 Pro

Diesel Engine-Driven
Welder/AC Generator



Quick Specs



Heavy Industrial Applications

Heavy construction
Structural steel
Mining maintenance
Maintenance and repair rigs
Process piping

Processes

Stick (SMAW)
MIG (GMAW)
Flux-cored (FCAW)
RMD®*
Pulsed MIG (GMAW-P)*
DC TIG (GTAW)
Air carbon arc (CAC-A)
3/8-inch (9.5 mm) carbons

Output Range DC stick/TIG 20–500 A
DC MIG/FCAW 14–50 V

Generator Output Rated at 104°F (40°C)

3-phase 27,000 watts peak, 20,000 watts continuous

1-phase 15,000 watts peak, 12,000 watts continuous

Note: See page 4 for specific international specs and CE ratings.

Accu-Rated™... Not Inflated Generator Power

**Available only on ArcReach models.*

Kubota **Perkins**

Heavy-duty low-speed T4F and T4i industrial diesel engines.

The cleanest, greenest diesel power available. Kubota T4F models utilize diesel oxidation catalyst (DOC) technology to keep the air clean with **NO** exhaust aftertreatment maintenance.



Electronic engine display (Kubota USA models)

simultaneously displays fuel level, engine hours, coolant temperature, oil pressure, battery volts and engine rpm. Also tracks oil change intervals and displays engine diagnostics for quick and easy servicing.



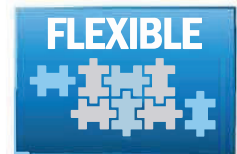
Built to last in harsh industrial environments



New standard for productivity and weld quality



International models available



Easy to add capabilities

ArcReach

Remote control of the power source without a cord. See pages 2 and 3.

USA model shown is



Specifications (Subject to change without notice.)



Weld Mode/ Process	Weld Output Range	Weld Output Rated at 104°F (40°C)	Max. Open-Circuit Voltage	Generator Power Output Rated at 104°F (40°C)***	Dimensions	Weight
CC/DC (Stick/TIG)	20–500 A	Kubota USA models 400 A at 36 V, 100% duty cycle* 450 A at 38 V, 100% duty cycle* 500 A at 40 V, 100% duty cycle* Perkins International model 400 A at 36 V, 100% duty cycle* 450 A at 33 V, 60% duty cycle 500 A at 30 V, 40% duty cycle	92 VDC 30 VDC**	Kubota USA models 3-phase: 27,000 watts peak, 20,000 watts continuous 1-phase: 15,000 watts peak, 12,000 watts continuous Perkins International model 3-phase: 21,000 watts peak, 15,000 watts continuous 1-phase: 15,000 watts peak, 12,000 watts continuous	Kubota USA models H: 46 in. (1,168 mm) W: 28.5 in. (724 mm) D: 69.5 in. (1,765 mm) Perkins International model H: 42 in. (1,067 mm) W: 28.5 in. (724 mm) D: 65.125 in. (1,654 mm) Add 7.5 in. (191 mm) to heights for exhaust pipe	Kubota USA models Net: 1,750 lb. (793.8 kg) Perkins International model Net: 1,530 lb. (694 kg) Add 51 lb. (23 kg) for ship weight Add 165 lb. (75 kg) when fuel tank is full
CV/DC (MIG/FCAW)	14–50 V					