



ENGINE DRIVEN



# Big Blue® 600X

Part No: MR907192-1 [Deutz Diesel Engine]

## DESIGNED FOR FLEET OWNERS THAT DEMAND THE ULTIMATE IN RELIABILITY.

### THREE-PHASE ROTATING FIELD

Efficiently produces smooth DC weld output using 20 – 30% less fuel than a rotating armature-type DC generator.

### 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.

### ARC-DRIVE™

Automatically enhances Stick welding, especially on pipe, by focusing the arc and preventing the electrode from going out.

### HOT-START™

Provides positive Stick electrode starts making it easy to start all types of electrodes and it also works great for bead tie-ins.

### REMOTE TOOL-LESS OIL DRAIN

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

### QUICK AND EASY MAINTENANCE

Single-side access to oil level check, oil fill, oil filter, fuel filter and air cleaner.

### HEAVY-DUTY LOW SPEED INDUSTRIAL DIESEL ENGINE

Designed, built and proven to operate over 10,000 hours before the first basic overhaul.

### WEATHERPROOF LEXAN® NAMEPLATE

Resists cracking and fading, and is color-coded for ease of operation.

### AUXILIARY POWER\*

- > 2 X 15 Amp Sockets.
- > RCD.

### VRD TO CAT C AS1674.2

### APPLICATIONS

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

### PROCESSES

- Stick (SMAW)
- MIG (GMAW)
- Flux Cored (FCAW)
- DC TIG (GTAW)
- Submerged Arc (SAW)
- Air Carbon Arc (CAC-A)

### METER MAINTENANCE DISPLAYS

- > Fuel gauge.
- > Hour meter function.
- > Oil change interval.
- > High coolant temperature and low oil pressure shutdowns.
- > Low fuel shutdown - engine shuts down before system runs out of fuel, making restarts easy.

### 3 YEAR WARRANTY

Welder/generator is warranted by Miller for 3 years, parts and labour. For details, refer to Miller's True Blue warranty statement. Engine is warranted separately by engine manufacturer.



*\*Generator auxiliary power is 60Hz, and intended for operating equipment associated with welding, such as angle grinders, drills and floodlights. Some Australian 50Hz equipment incorporating induction motors, such as pumps, fans, air compressors, refrigeration or air-conditioners, may not operate correctly and could be damaged. Refer to appliance supplier or manufacturer to confirm suitability.*

WELDING MODE	AMP/VOLT RANGE	RATED OUTPUT	GENERATOR POWER	DIMENSIONS (MM)	WEIGHT* (WITHOUT FUEL)
CC/CV/DC	20 - 600 A	500 A at 25 V, (20 kW), 100% Duty Cycle 550 A at 34 V, (18.7 kW) 60% Duty Cycle 600 A at 30 V, (18 kW), 40% Duty Cycle	Peak: 5,500 Watts Continuous: 4,000 Watts 17 A, 240 VAC, 60 Hz	H: 1092 W: 724 D: 1654	Shipping: 769kg *Additional 86kg when fuel tank is full



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