



ENGINE DRIVEN



Big Blue[®] 700X Duo Pro

Part No: MR907520001-1 (with dual VRD) [Deutz Diesel Engine]

Dual Operator Engine Drive with 3 Phase Power.

MULTI-ARC WELDING IS NOW SIMPLER & MORE VERSATILE.



3 PHASE POWER

•• 2 ARCS

INDEPENDENT AUXILIARY GENERATOR

- > One 5500 Watt peak/4000 Watt continuous 240V single phase generator, regardless of weld output.
- > Second generator provides 27,000 Watts peak/20,000 Watts continuous 3 phase power (380 - 415V).

700A SINGLE ARC CAPABILITY

- > Two outputs can be paralleled, providing a single 700A output.
- > Suitable for Arc Air Gouging or Sub Arc Process.

ENCLOSED ROBUST CASE DESIGN

Protects internal components from impact and allows air flow to cool and prolong the life of the engine, while reducing sound levels.

HOT-START™

Provides positive Stick electrode starts making it easy to start all types of electrodes, plus it works well for bead tie-ins.

QUICK AND EASY MAINTENANCE

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



welding.com.au 1300 300 884



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REMOTE TOOL-LESS OIL DRAIN

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

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.

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.

STANDARD FEATURES INCLUDE:

Stick, MIG, Flux Cored, Lift-Arc[™] TIG and digital preset weld meters, output contactor control and automatic idle.

AUXILIARY POWER*

- > 1 x 380 V 32 Amp Sockets.
- > 2 X 240 V 15 Amp Sockets.
- > RCD.

VRD TO CAT C AS1674.2.

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.

MODEL OPTIONS	PART NO
Dual VRD, Emergency Stop, Double Pol Battery Isolator & Lockout Device	MR907520001-2
Dual VRD, Roll Frame & Spill Tray Assembly, Emergency Stop, Double Pol Battery Isolator & Lockout Device	MR907520001-3

APPLICATIONS	PROCESSES
Mining Maintenance	Stick (SMAW)
Cross Country Pipelines	Flux Cored (FCAW)
Process Piping	MIG (GMAW)
Structural Steel	DC TIG (GTAW)
Heavy Construction	Air Carbon Arc (CAC-A)

WELDING MODE	AMP/VOLT RANGE	RATED OUTPUT	GENERATOR POWER	DIMENSIONS (MM)	WEIGHT* (WITHOUT FUEL)
CC/DC	40 – 800 A (Paralleled)	500 A at 40 VDC, 100% Duty Cycle 700 A at 28 VDC, 60% Duty Cycle	Peak: 5500 Watts Continuous: 4000 Watts Three-phase: 27 kW Peak/20 kW Continuous or Single-Phase: 19 kW Peak/12 kW Continuous	H: 1092 mm H: 1270 mm (to top of exhaust) W: 724 mm D: 1654 mm	Net: 784kg Shipping: 799kg <i>*Additional 86kg when fuel tank is full</i>
	20 – 400 A (Each Side)	300 A at 32 VDC, 100% Duty Cycle (Each Side) 400 A at 36 VDC, 40% Duty Cycle (One Side only)			
CV/DC	14 – 40 V (Paralleled)	500 A at 39 VDC, 100% Duty Cycle 700 A at 28 VDC, 60% Duty Cycle			
	14 – 40 V (Each Side)	300 A at 29 VDC, 100% Duty Cycle (Each Side) 400 A at 34 VDC, 40% Duty Cycle (One Side only)			