



MAXIWELD 1000 AIR

WELDER GENERATOR & INVERTER PACKAGE - AUSTRALIAN MINE SITE APPROVED

1000 AMPS - 50HZ - 65 CFM



P: (07) 3273 6803 W: www.mobileenergyaustralia.com.au E: sales@mobileenergyaustralia.com.au

V.B.3.0



MAXWELD

COMPLIANCE DATA

Compliant to AS/NZS 3010:2017 Electrical Installations – Generating Sets Compliant to AS 3000:2018 Wiring Rules for Generating Sets.

1. *Audit Based on BMA Standard Vehicles and Mobile Equipment BMA-STD-0005/0006
2. Testing and Compliance in accordance to S227 of the Electrical
3. AS/NZS:60204.1: 2005 ELECTRICAL AUDIT (AS30002018)
4. AS/NZS:3010: 2017 ELECTRICAL AUDIT ((Safety Regulations 2013)
5. AS/NZS:60204.1: 2005 ELECTRICAL AUDIT (AS602042015)
6. AS/NZS:60204.1: 2005 ELECTRICAL AUDIT (Regulation2019-3-1)

2x Fuel Senders, 1 to round fuel gauge, 1 to controller at 10% fuel level to initiate orange flashing light warning on canopy top, (NO shutdown on low fuel needed).

Standard Features

- Fully programmable generator controller with digital readout 4 Pole Battery Isolator Switch
- Anderson Plug for jump start
- On/Off Switches lockable
- Lockable fuel filling door
- 2 x 50 Amp outlet
- 2x 15 Amp outlet
- Same Side Servicing
- Emergency Stop
- Compressor Load/Unload Switch
- Compressor oil cooling by fully Stainless-Steel water-cooled plate heat exchanger
- Hard Wire Terminal Box
- Air Filter and Regulator
- Low Coolant level shut down
- Low fuel flashing orange light
- Fully Bunded 210 litre Fuel Tank
- Air Filter and Regulator
- Air Water Separator
- Air Aftercooler

Optional Extras

- Breathing Air Filtration with CO2
- Roll cage.
- Welder storage module.
- Clean Breathing air filtration unit.
- *Audit Based on BMA Standard Vehicles and Mobile Equipment BMA-STD-0005/0006.

Dimensions

- Dimensions: (mm) 2145L x 1006W x 1790H
- Weight: 1580 Kg
- DBA rating: 82 dba



THE ULTIMATE WELDING PACKAGE

WELDER, GENERATOR, AIR COMPRESSOR, MULTI-PURPOSE UNIT

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ESAB WARRIOR - WELDER SPECIFICATIONS

FEATURES BENEFITS WARRIOR™ 500i CC/CV

Multi-Process

Includes MIG, Flux-Cored, Stick, Live TIG Start and Arc Gouging gives you the flexibility at work: • Flux-Cored and Solid wire, 0.8 -1.6 mm. • Carbon Arc Gouging up to 9.5 mm (3/8 in.). • 6010 (cellulosic) capability. High Duty cycle for long runs and various applications giving high productivity. Durable and rugged IP23 rating for outdoor and indoor use in rough environment. Easy to use Simple and clear user interface for everyone to get started quickly. Robust and ergonomic handles Also for mechanical lifting. Sun friendly display Easy to read outdoor. Inverter technology Smaller, lighter and less energy cost, gives you value for money. Generator compatible for flexible use in different job sites. Automatic Hot Start/Variable Arc Control To support your different demands. Wide input voltage range 342V to 456V to accommodate variation in the power grid or generators. QUALITY AND ENVIRONMENT APPLICATIONS IP23 rated - Withstands rain with the fan on. • Fabrication • Construction • Pipe Line • Mobile Machinery • Outstanding Gouging Capability • Ship Building • Energy Generation • Repair & Maintenance • Rental Air tunnel design - Clean and dirty side in the machine to ensure long-term reliability. Autofan - Reduces energy consumption and dirt intake. 3 years warranty.

TECHNICAL DATA WARRIOR™ 500i CC/CV

Mains Supply, 3 ph 50/60HZ

Mains cable, Ø mm² Fuse, Motor Start Type or Circuit Breaker Type C, A Maximum load at: 100% duty cycle A/V, 3ph 60% duty cycle A/V, 3ph Setting range A MIG/FCAW Stick (MMAW) TIG Open circuit voltage, V Open circuit voltage (VRD ON), V Idle Power, W Efficiency at max. current % Power factor at max current Enclosure class Dimensions (l x w x h mm) with cooling unit (l x w x h mm) Weight, kg With cooling unit excl coolant, kg Operating Temperature, °C Application class.



TECHNICAL DATA, WARRIOR™ FEED 304

Power supply, VAC Wire spool capacity, kg Max. spool diameter, mm Wire feed speed, m/min Dimension incl. bobbin cover (l x w x h mm) Weight incl. bobbin cover, kg Wire dimensions: Steel Stainless steel Aluminum Cored wire Enclosure class.

TECHNICAL DATA, WATER COOLING UNIT

Power supply, from power source Coolant flow capacity, l/min Cooling power, kW Max pressure, bar Max pressure height to torch, m Weight / incl. coolant, kg Dimensions incl. filler tube l x w x h mm Enclosure class.

WARRIOR™ 500i CC/CV, 380-415V Supplied with 3m mains cable.



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"MAX WELD" 1000X SMARTER EVERYWHERE ANYTIME

SYSTEM SPECIFICATIONS

Complies with AS/NZS 3010:2017 Electrical Installations - Generating Sets and are wired to AS 3000:2018 Wiring Rules.



Powerful twin 500 amp - Air Arc Gouging - Compatible system. Perform 800 amp with ESAB Aristo 1000 AC/DC - Sub Arc Machine.

The MAXWELD 1000 AIR has been specifically engineered to meet the highest Australian standards and perform in the harshest environmental conditions. The 3 in 1 - 1000 amp Welder, 65 cfm rotary screw Air Compressor and 75 Kva 50Hz generator system was designed to be fully site compliant with industry regulations.

The Maxweld package provides plenty of compressed air to perform twin 500 amp - arc air gouging and plasma cutting. There is enough power for remote power supply requirements. The system is the ultimate standalone multi-function workstation, allowing operators to perform all the on-site maintenance repair tasks easily and effectively.



AUSTRALIAN MANUFACTURED FOR AUSTRALIAN CONDITIONS 

MAXWELD 1000 AIR // TECHNICAL DATA

ALTERNATOR

Make	Meccalte
Model	ECP32 114
Frequency	50hz
Rated Prime Power	75 Kva @ 415/240
Rated Amps	104/Phase
Standby Power	82.5 Kva @ 415/240
Standby Amps	58.5/Phase
Insulation	H Class
Power Factor	0.8
Phase	3 Phase

ENGINE

Make	Deutz
Model	BF4M201C
Engine Speed	RPM 1500
Continues Power	93kW
Fuel System	Manual Pump
Displacement (L)	4 liters
Bore/Stroke (mm)	101/126

COMPRESSOR

Type	Oil Injected
Rotary Screw	5001-P0028
Air Flow	65 CFM
Pressure	150 PSI
Air Outlet	3/4" BSP
Solenoid Unloader Voltage	12 Volt
Drive Type	Belt

CONTROLLER

Make	CompAp Intelite
Model	MRS11

- Fabrication • Construction • Pipe Line • Mobile Machinery • Outstanding Gouging Capability • Ship Building
- Energy Generation • Repair & Maintenance • Auto-fan -Reduces energy consumption and dirt intake.
- Limited 3 year warranty. *MEA terms & Conditions apply* • 12 months or 1000hrs on generator • 3 years on compressor.

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