



MEEA

MOBILE ENERGY AUSTRALIA
Specialists in vehicle mounted compressor & generator systems

Exciting *New* Product by MEEA

SMARTWELD 500 AIR

Contact us to register your interest today...

sales@mobileenergyaustralia.com.au

(07) 3273-6803



The Ultimate Welding Package

500 amps - 50 Hz - 65 cfm

WELDER, GENERATOR, AIR COMPRESSOR, MULTI-PURPOSE UNIT

ALTERNATOR

Make	Leroy-Somer TAL-
Model	A42-E
Frequency	50hz
Rated Prime Power	38 Kva @ 415/240
Rated Amps	53.2/Phase
Standby Power	41.8 Kva @ 415/240
Standby Amps	58.5/Phase
Insulation	H Class
Power Factor	0.8
Phase	3 Phase

ENGINE

Make	Deutz
Model	BFM3C
Engine Speed	RPM 1500
Continues Power	40kW
Prime Power	45kW
Standby Power	50 kW
Fuel System	Electronic Control
Displacement (L)	3.168
Bore/Stroke (mm)	98/105

STANDARD FEATURES

Fully programable generator controller with digital readout
4 Pole Battery Isolator Switch
Anderson Plug for jump start
On/Off Switches lockable
Lockable fuel filling door
1 x 50 Amp outlet 3Ø
1 x 32 Amp outlet 3Ø
2 x 15 Amp outlet 1Ø
Hard Wire Terminal Box
Door Safety Switches on All Doors
Pad lockable control panel door
Pad lockable circuit breaker panel door
Same Side Servicing
Emergency Stop
Compressor Load/Unload Switch
Compressor oil cooling by fully S/S water cooled plate heat exchanger
Air Filter and Regulator
Low Coolant level shut down
Low fuel flashing orange light
Stainless Steel Braided Fuel Lines
Fully Bunded 150 litre Fuel Tank

COMPLIANCE DATA

Compliant to AS/NZS 3010:2017 Electrical Installations – Generating Sets

Compliant to AS 3000:2018 Wiring Rules for Generating Sets

2 x 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).

CONTROLLER

Make	ComAp
Model	InteliLite
MRS11	



COMPRESSOR

Type	Oil Injected
Rotary Screw	5001-P0028
Air Flow	65 CFM
Pressure	150 PSI
Air Outlet	¾" BSP
Solenoid Unloader Voltage	12 Volt
Drive Type	Belt

OPTIONAL FEATURES

Air Filter and Regulator
Air Water Separator
Air Aftercooler
Breathing Air Filtration with CO2 Monitoring
Mine Specific Spec

- o Roll cage.
- o Welder storage module.
- o Dry air filtration system.
- o Clean Breathing air filtration unit.



DIMENSIONS

Dimensions (mm)	1680L x 955W x 1260H
Weight	1100Kg
Noise Level	78 dba

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



SYSTEM SPECIFICATIONS

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



SMARTWELD

"GET SMART" As we have you covered **Everywhere Anytime**

The SMARTWELD 500 AIR has been specifically engineered to meet the highest Australian standards and perform in the harshest environmental conditions. The **3 in 1 - 500 amp Welder, 65 cfm rotary screw Air Compressor** and **38 Kva 50Hz generator system**, was designed to be fully site compliant with industry regulations.

The Smartweld package provides plenty of compressed air to perform 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.

OPTIONAL EXTRAS: breathing air filtration system with after-cooler.
ESAB 301 AVS - Wire Feeder.

AUSTRALIAN MANUFACTURED FOR AUSTRALIAN CONDITIONS



WELDER SPECIFICATIONS

WARRIOR™ 500i CC/CV

Multi Process includes MIG, Flux-Cored, Stick, Live TIG Start and Arc gouging giving you plenty of work flexibility. Flux Cored and Solid wire 0.8-1.6mm. Carbon Arc gouging 10mm. Compatible with existing LN-25 wire feeder. High Duty cycle for long runs allowing higher productivity. Durable and rugged IP23 rating for indoor and outdoor environment.

Easy to use with simple and clear user interface. Robust handles for mechanical lifting. Sun friendly display making it easier to read outdoors. Inverter technology offering you cost savings with less energy used. Generator compatible for flexible use on different job sites.

Automatic Hot Start/Variable Arc control to support your different requirements. Wide input voltage range from 342 V to 456 V to accommodate variation when connected directly to the power grid.

QUALITY AND ENVIRONMENTAL APPLICATIONS

The Warrior complies with the requirements of EN 60974-1 and IEC 974-1 as well as IEC/EN 60974 -1/-2 and EN 60974-10.

- 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.

