



RAZORWELD MIG500RZSWF

500 Amp MIG/TIG/MMA DC Inverter Welder



Features

- Proven IGBT inverter technology
- MIG/MAG with Gas and Gasless capability
 - Adjustable Burn Back
 - Separate 4-roll geared wire feeder unit
 - Voltage & Wire Speed controls at wire feeder
 - Adjustable Crater Current function
 - Variable Inductance
 - Euro style Mig Torch connection
 - Spool Gun and Push-Pull Gun Ready
 - Co2 Heater Connection 36VDC
- MMA (stick electrode)
 - Hot start (improves electrode starting)
 - Arc Force (boosts arc energy to prevent electrode extinguishing)
- DC-TIG welding with Lift-Arc
- New Arc Air Gouging Mode with High OCV
- Digital Amp - Volt Meters
- Heavy Duty Trolley (has removable storage drawer)
 - Water Cooler Option (replaces storage drawer)

Technical Data

Power Supply	415V 3-Phase +/- 15%
Rated Input Power MIG	24.7 kVA
<i>I_{eff}</i> MIG as per AS/NZ60974-1	26.0 Amps
MMA as per AS/NZ60974-1	27.0 Amps
I Max MIG	34.0 Amps
MMA	35.0 Amps
Output Current Range MIG	50A/16.5V - 500A/39.0V
Output Current Range MMA	20A/20.8V - 500A/40.0V
Duty Cycle @ 40°C as per AS/NZ60974-1	60% @ 500 Amps MIG, TIG, MMA
Duty Cycle @ 25°C (approximate)	80% @ 500 Amps MIG, TIG, MMA
Wire Feeder	Separate Gear Driven 4-Roll
Wire Diameter Range	0.8, 0.9, 1.0, 1.2, 1.6mm
Protection Class	IP21S
Insulation Class	F
Power Source Dimensions (LxWxH)	680 x 340 x 560mm
Power Source Weight	58.2 Kg
Wire Feeder Dimensions (LxWxH)	630 x 260 x 470
Wire Feeder Weight	14 Kg
Length of Interconnecting Cable	10 mtr
Certification Approval	AS/NZ60974-1



Optional machine accessories, Spool Guns, Push Pull Torches, Tig Torch Kits available - refer page 38-43

Overview

The MIG500RZSWF is an industrial welding inverter capable of MIG, DC TIG, MMA and Arc Air Gouging. The primary function of MIG sees the machine equipped with a separate 4-roll gear driven wire feeder with 10m interconnecting cables, ready to accept both Push Pull and Spool Guns for plug and play operation. Seamless adjustment of voltage and wire feed from the wire feeder makes for easy setting of welding parameters remote from the power source. The MIG function allows you to weld with all types of mig wires, Crater Current function delivers perfect finishing of the weld while Electronic Inductance offers fine adjustment of the arc characteristic. MMA function delivers ease of welding with electrodes producing high quality welds including cast iron, stainless steel and low hydrogen. DC-TIG capability with Lift-Arc ignition allows high quality TIG welding with perfect arc ignition every time. Arc Air function combined with the immense power and strength of the MIG500RZ inverter delivers you Arc Air Gouging using up to 9.5mm carbons. Mounted on a purpose-built trolley with gas cylinder storage rack, industrial wheels and castors, fitted with a removable storage drawer allows for the optional water cooler to slide into the drawer cavity for water cooled torch operation. The MIG500RZSWF is a popular choice with structural fabricators including steel & aluminium welding applications, marine and transport engineering, earthmoving contractors, forestry and farm workshops. The three-phase MIG500RZSWF gives you the flexibility of a small separate wire feeder unit with on demand power to get even the biggest jobs done. Designed and built to our specification and manufactured in compliance to AS/NZ60974-1.

Product Code: XA-MIG500RZSWF-K

Standard Package includes: MIG500RZSWF Welding Machine, 4 Roll Separate Wire Feeder with 10m Interconnecting Cables, Trolley with Drawer, XA38 Mig Torch x 4m, Earth Lead & Arc Lead x 5m, Argon Regulator