



RAZORWELD MIG250WRZ

250 Amp MIG/MMA/TIG DC Inverter Welder



Features

- Latest IGBT inverter technology
- MIG/MAG with Gas and Gasless wire function
 - Soft Start
 - Adjustable Burn Back
 - Variable Inductance control
 - Stepless voltage and wire feed control
 - Excellent welding with CO2 gas
 - Euro style Mig Torch connection
 - Spool Gun connection
 - Push-Pull Gun Ready
- MMA function (Stick electrode)
 - VRD (Voltage Reduction Device)
 - Hot start (improves electrode starting)
 - Arc Force (boosts arc energy to prevent electrode extinguishing)
- DC-TIG
 - Lift Arc ignition (prevents tungsten sticking during arc ignition)
 - Ultra smooth DC-TIG welding current
- Digital Amp - Volt Meters
- Semi industrial application
- Tolerant to variable power supply



XA-MIG250WRZ
Standard Package



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

Technical Data

Power Supply	240V 1-Phase ±15%
Rated Input Power	11.8 kVA
I _{eff} as per AS/NZ60974-1	26.7 Amps
I Max	45 Amps
Output Current Range MIG	30A/15.5V - 250A/26.5V
TIG	10A/10.4V - 220A/18.8V
MMA	10A/20.4V - 220A/28.8V
Duty Cycle @ 40°C as per AS/NZ60974-1	35% @ 250 Amps MIG 35% @ 220 Amps TIG 35% @ 220 Amps MMA
Duty Cycle @ 25°C (approximate)	60% @ 250 Amps MIG 60% @ 220 Amps TIG 60% @ 220 Amps MMA
Power factor	0.75
Protection Class	IP21S
Insulation Class	F
Wire Feeder	Gear Driven 2-Roll
Wire Spool Capacity	15 Kg (Ø 300mm)
Wire Diameter Range	0.6, 0.8, 0.9, 1.0, 1.2mm
Dimensions (LxWxH)	900 x 400 x 785mm
Weight	58 Kg
Certification Approval	AS/NZ60974-1

Overview

The MIG250WRZ is an inverter-based multifunction MIG welding machine with added MMA and TIG function. The MIG function allows you to weld with both Gas Shielded and Gasless wires. Easy stepless adjustment of voltage and wire feed make for easy setting of welding parameters giving excellent, professional welding results. Wire inch feeds the wire without gas wastage and the Burn Back adjustment leaves the wire out ready for the next weld. Spoolgun ready function allows connection of the XASP24 Spoolgun for the use of thin or softer wires that don't have the column strength to feed through standard MIG torches, such as aluminium wire. MMA welding capability delivers easy and high quality welding using electrodes, including cast Iron, stainless and low hydrogen. Connection of the 26V TIG torch provides quality DC TIG with Lift Arc start for welding of steel, stainless steel and copper. The machine is industrial rated and of solid construction, large industrial wheels allows easy and smooth manoeuvrability. Being 240v single phase gives great portability, providing more flexible use for site and workshop locations. Ideal for general engineers, maintenance workshop, panel beaters, automotive and rural workshops. Designed and built to our specification and manufactured in compliance to AS/NZ60974-1.

Product Code: XA-MIG250WRZ-K

Standard Package includes: MIG250WRZ Machine, XA24 Mig Torch x 4m, Earth Lead & Arc Lead 25mm x 4m, Argon Regulator