



RAZORWELD MIG250DRZ

250 Amp MIG/TIG/MMA DC Inverter Welder

Features

- Digital Control Interface Technology
- Digital Remote Control Mig Torch
- MIG/MAG with Gas and Gasless wire function
 - Digital voltage and wire feed control
 - Soft Start
 - Wire Inch
 - Euro style Mig Torch connection
 - Spool Gun connectionw
- 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)
 - Adjustable Downslope
 - Adjustable Post Gas
 - Ultra smooth DC-TIG welding current
- IP21S rating for environmental/safety protection
- Generator compatible (recommend 11.0 kVA minimum)
- Tolerant to variable power supply



XA-DM26 Digital Control Mig Torch



XA-MIG250DRZ
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 $\pm 15\%$
Rated Input Power	10.8 kVA
I_{eff} as per AS/NZ60974-1	28.0 Amps
I Max	51.0 Amps
Output Current Range MIG	30A/15.5V - 250/26.5V
Output Current Range TIG	10A/10.4V - 250A/20.0V
Output Current Range MMA	10A/20.4V - 250A/30.0V
Duty Cycle @ 40°C as per AS/NZ60974-1	30% @ 250 Amps MIG 30% @ 250 Amps TIG 30% @ 250 Amps MMA
Duty Cycle @ 25°C (approximate)	50% @ 250 Amps MIG 50% @ 250 Amps TIG 50% @ 250 Amps MMA
Power factor	0.72
Protection Class	IP21S
Insulation Class	F
Wire Spool Capacity	15 Kg (\varnothing 300mm)
Wire Diameter Range	0.6, 0.8, 0.9, 1.0, 1.2mm
Dimensions (LxWxH)	585 x 280 x 440mm
Weight	35 Kg
Certification Approval	AS/NZ60974-1

Overview

The Razor-MIG250D is a new digitally-controlled inverter multifunction welding machine with Remote-Control MIG, DC-TIG and MMA (stick electrode) functions. The digital interface allows fast and extremely accurate control of welding parameters with seamless adjustment of voltage and wire feed speed, providing excellent welding results with both Gas Shielded and Gasless wires. The XA-DM26 Digital Control Mig Torch allows you to adjust wire feed speed and voltage settings during real time welding, providing you the ultimate in fingertip control. The additional Spoolgun Ready function allows connection of the optional XASP24 Spoolgun for use with thin or softer wires that don't have the column strength to feed through standard Mig Torches, such as aluminium wire. Connection of the optional XA26 Euro-Connect Tig Torch provides Lift Arc DC-TIG welding of steel, stainless steel and copper with enhanced TIG features including adjustable Down Slope and Post-Gas via solenoid valve and 2/4T trigger control. The MMA welding capability delivers easy welding with electrodes producing high quality welds including cast Iron, stainless steel and low hydrogen. A semi-industrial machine with full-size 15kg spool capacity, the MIG250DRZ is extremely compact & portable and ideally suited to medium-level industrial use, site welding, transport fabrication, farming and general repair and maintenance work. The Razor-MIG250CRZ gives you the flexibility of multiple welding processes with grunt on demand to get even those biggest jobs done. Designed and built to our specification and manufactured in compliance to AS/NZ60974-1.

Product Code: XA-MIG250DRZ-K

Standard Package: XA-MIG250DRZ Machine, XA-DM26 Mig Torch x 4m, Earth Lead & Arc Lead 25mm x 4m, Argon Regulator