



RAZORWELD MIG350SWF

350 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
 - 10m interconnecting cables
 - 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
- Digital Amp - Volt Meters
- Heavy Duty Trolley (has removable storage drawer)
 - Water Cooler Option (replaces storage drawer)

Technical Data

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|---|-----------------------------|
| Power Supply | 415V 3-Phase +/- 15% |
| Rated Input Power | 12.8 kVA |
| I _{ieff} MIG as per AS/NZ60974-1 | 24.0 Amps |
| MMA as per AS/NZ60974-1 | 26.0 Amps |
| I Max MIG | 31.0 Amps |
| MMA | 34.0 Amps |
| Output Current Range MIG | 50A/16.5V - 350A/31.5V |
| Output Current Range MMA | 20A/20.8V - 350A/34.0V |
| Duty Cycle @ 40°C as per AS/NZ60974-1 | 40% @ 350 Amps MIG,TIG, MMA |
| Duty Cycle @ 25°C (approximate) | 70% @ 350 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) | 630 x 290 x 560mm |
| Power Source Weight | 41.0Kg |
| Wire Feeder Dimensions (LxWxH) | 630 x 260 x 470 |
| Wire Feeder Weight | 14Kg |
| 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 MIG350SWF is a high quality inverter MIG welding machine with added MMA and Lift-Arc DC-TIG functions. This is an industrial machine equipped with a separate 4-roll gear driven wire feeder and 10m interconnecting cables. Seamless adjustment of voltage and wire feed from the wire feeder make for easy setting of welding parameters with the convenience of making adjustments remote from the power source. The MIG function allows you to weld with Solid Wires, Flux-Cored Gas and Gasless wires and the Crater Current function delivers perfect finishing of the weld. Electronic Inductance offers fine adjustment of the arc characteristic and Burn Back adjustment leaves the wire stick out ready for the next weld. The MMA welding capability delivers easy 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 and a remarkably smooth stable arc. The MIG350SWF is mounted on a purpose-built trolley with gas cylinder storage rack, integral storage drawer and the industrial wheels and castors ensure ease of manoeuvrability. The MIG350SWF is a popular choice with structural fabricators including steel & aluminium welding applications, marine and transport engineering, earthmoving contractors, forestry and farm workshops.

Designed and built to our specification and manufactured in compliance to AS/NZ60974-1.

Product Code: XA-MIG350SWF-K

Standard Package includes: MIG350SWF Machine, 4 Roll Separate Wire Feeder with 10m Interconnecting Cables, Trolley with Drawer, XA36 Mig Torch x 4m, Earth Lead & Arc Lead x 5m, Argon Regulator