

MIG/MMA/TIG - 250 Amp DC Welding Machine

Lightweight & Portable

Welds: Steels, Stainless, Cast Iron, Bronze, Aluminium, Copper



KUMJRDP250

Features

- Latest IGBT inverter technology
- Mig/Mag with Gas and Gasless wire function
- Stick electrode (MMA) function
- DC Tig welding with Lift Arc Start
- Industrial application
- Optional trolley
- Internal wire feeder, gear driven for up to 200mm Ø spool
- Euro mig torch connection
- IP21S rating for environmental/safety protection
- Tolerant to variable power supply
- Stepless voltage and wire feed control
- Mig welding with CO₂, ARGON & mixed gases
- Excellent arc stability with all GP electrodes
- Light weight and portable

3 YEARS Warranty
(Power Source)



Technical Data

Power Supply / Phases (V-Ph)	240v - 1 +/- 15%
Duty Cycle @ 40°C as per	40% @ 250 Amps MIG 40% @ 224 Amps MMA
Output Current Range MIG	30A/15.5V - 250A/26.5V
Output Current Range MMA	10A/20.4V - 350A/33.0V
Rated Power MIG	10.8 KVA
I Max MIG	45 Amps
MMA	51 Amps
I _{ieff} MIG	26.6 Amps
MMA	28.0 Amps
Power factor	0.72
Protection Class	P 21S
Insulation Class	F
Wire Feeder Type	Gear Driven 2 Roll
Wire Diameter Range (mm)	
Steel /Stainless	0.6, 0.8, 0.9
Fluxcored	0.8, 0.9, 1.0, 1.2
Aluminium	0.8, 0.9, 1.0, 1.2
Dimensions Power Source (LxWxH)	585x280x440mm
Weight Power Source	35 Kg
Dimensions Trolley (LxWxH)	880x430x410mm
Warranty	3 years on power source

MULTIFUNCTION INVERTER OPTIONS



SPOOL GUN
Part No: SPG200II



MACHINE TROLLEY
Part No: UMJRTROLLEY3



SR26 TIG WELDING TORCH
Part No: SR264MCP35/50

Overview

The MIG250 is a new Digital controlled inverter-based portable Mig welding machine with added MMA and TIG function. The Digital function allows fast very accurate control of welding parameters. Seamless Digital selection of voltage and wire feed parameters make for easy and accurate Mig welding providing excellent, professional welding results. The addition of the SB24 Digital Control mig torch allows you to adjust wire feed speed and voltage settings during real time welding providing you the ultimate in control. The MIG function allows you to weld with both Gas Shielded and Gasless wire. Wire inch provides feeding of the wire during set up without gas wastage. Added MMA welding capability delivers easy electrode welding with high quality results, including cast Iron, stainless and low hydrogen. DC TIG function has gas solenoid and trigger control and with connection of the SR26 Tig torch provides simple but professional Lift Arc DC TIG welding of steel, stain-less steel and copper. An additional feature is the Spoolgun ready function that allows the simple connection of the SPG series 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. A semi-industrial machine, it is lightweight and portable, an optional trolley provides off the floor operation and better manoeuvrability around the workshop. Being 240v single phase gives great portability, it can be run from any 15 Amp power socket providing more flexible use for site and home workshop locations. Ideal for general engineers, maintenance workshop, rural workshop, panel beaters, home workshop. Designed and built to our specification. Certified to - AS/NZ60974.1 2006

MACHINE PACKAGE: KUMJRDP250

UNI-MIG 250 Digital Multifunction Welding Inverter / SB26 Digital 4M UNIMIG Sure Grip MIG torch with Euro connector
4M ARC lead set 35/50mm Dinse style connections / UNI-FLAME Twin Gauge Argon Regulator 2M Gas Hose Complete with fittings