

# UNIMIG 250 COMPACT

## MIG/TIG/MMA - 250 Amp DC Inverter Welder

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

# UNIMIG

### Features

- ✓ Latest IGBT inverter technology
- ✓ MIG/MAG with Gas and Gasless wire function
- ✓ Spool Gun connection
- ✓ MMA
- ✓ DC TIG welding with Lift Arc start
- ✓ VRD (Voltage Reduction Device)
- ✓ Wire Inch & Burn Back control
- ✓ Industrial application
- ✓ Internal wire feeder, gear driven
- ✓ 5Kg to 15Kg Spools
- ✓ Euro style MIG torch connection
- ✓ IP21S rating for environmental/safety protection
- ✓ Stepless voltage and wire feed control
- ✓ Excellent MIG welding with CO2 gas & mixed gas
- ✓ Excellent arc stability for MIG/TIG/MMA welding

### Technical Data

<b>Power Supply / Phases (V-Ph)</b>	240v - 1 +/- 15%
<b>Duty Cycle @ 40°c as per AS/NZ60974-1</b>	35% @ 250 Amps MIG 35% @ 250 Amps MMA
<b>Output Current Range MIG</b>	30A/15.5V - 250A/26.5V
<b>Output Current Range MMA</b>	10A/20.4V - 250A/30.0V
<b>Rated Power MIG</b>	10.4 KVA
<b>Rated Power MMA</b>	11.8 KVA
<b>I<sub>eff</sub> MIG</b>	25.4 Amps
<b>I<sub>eff</sub> MMA</b>	29.0 Amps
<b>Power factor</b>	0.75
<b>Protection Class</b>	IP 21S
<b>Insulation Class</b>	F
<b>Wire Feeder</b>	Gear Driven 2 Roll
<b>Dimensions Power Source (LxWxH)</b>	900x400x670mm
<b>Weight Power Source</b>	58Kg
<b>Warranty</b>	3 years on machine



**26V-4MCP50**  
TIG Torch Option

**PLSP240**  
SpoolGun Option

### Overview

The UNIMIG 250K 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 wire applications. Easy stepless adjustment of voltage and wire feed make for easy setting of welding parameters giving excellent, professional welding results. Wire inch gives easy feeding of the wire during set up without gas wastage and the Burn Back adjustment leaves the wire out ready for the next weld. An additional feature is the Spoolgun ready function that allows the simple connection of the PLSP240 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. Added 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 and rural workshops. Designed and built to our specification. Certified to - AS/NZ60974-1

### MACHINE PACKAGE: KUMJR250K-SG

**Standard Package includes:** KUMJR250K Machine, SB24 4M Sure Grip MIG Torch, Earth Lead & Arc Lead 25mm x 4m, UNI-FLAME Twin Gauge Argon Regulator, 2M Gas Hose



(Power Source)