

MIG/MMA/TIG - 190 Amp DC Welding Machine Lightweight & Portable

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



KUMJR190

Features

- Latest IGBT inverter technology
- Mig/Mag with Gas and Gasless wire function
- Stick Electrode (MMA) function
- DC Tig Welding with Lift Arc Function
- Semi industrial application
- Digital Amp - Volt Meters
- Internal wire feeder for up to 200mm Ø spool
- VRD (Voltage Reduction Device) greatly reduces the risk of electric shock to the welding operator from potentially hazardous secondary welding circuit voltage.
- IP21S rating for environmental/safety protection
- Tolerant to variable power supply
- Seamless voltage and wire feed control
- Excellent arc stability with all electrodes
- Spool Gun Connection



MULTIFUNCTION INVERTER OPTIONS

Technical Data

Power Supply / Phases (V-Ph)	240v - 1 +/- 15%
Duty Cycle @ 40°C as per AS/NZ60974	35% @ 190 Amps MIG 35% @ 160 Amps MMA
No Load Voltage (V)	53.0
Output Current Range MIG	30A/15.5V - 190/24.0V
Output Current Range MMA	10A/20.4V - 160A/26.4V
Rated Power MIG	5.8 KVA
Rated Power MMA	7.0 KVA
I Max MIG	24.0 Amps
I Max MMA	29.0 Amps
I _{eff} MIG	14.2 Amps
I _{eff} MMA	17.0 Amps
Power factor	0.72
Protection Class	P 21S
Insulation Class	F
Wire Diameter Range (mm)	0.6, 0.8, 0.9
Dimensions Power Source (LxWxH)	528x250x425mm
Weight Power Source	19 Kg
Warranty	3 years on machine

Overview

The Uni-Mig190 is an inverter-based portable Mig welding machine with added MMA and Tig function. The Mig function allows you to weld with both Gas Shielded and Gasless wire. Easy step-less 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. Added MMA welding capability delivers easy electrode welding with high quality results, including cast Iron, stainless and low hydrogen. Connection of the 17V tig torch provides quality Lift Arc DC TIG welding of steel, stainless steel and copper. An additional feature is the Spoolgun ready function that allows the simple connection of the SPG135 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: KUMJR190

UNI-MIG 190 Multifunction Welding Inverter / SB24 4M UNI-MIG Sure Grip MIG torch with Euro connector
4M ARC lead set 10-25mm Dinse style connections / UNI-FLAME Twin Gauge Argon Regulator
2M Gas Hose Complete with fittings



SPOOL GUN
Part No: SPG135



17V TIG WELDING TORCH
Part No: 17V4MCP10/25



MACHINE TROLLEY
Part No: UMJRTROLLEY2