

MIG/TIG/MMA DC Welding Machines Separate Wire Feeder System

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



KUMJR250/350/500SWF

Features

- Latest IGBT Inverter Technology
- MIG/Mag with Gas and Gasless wire function
- Stick Electrode (MMA) Function
- DC TIG welding with scratch start
- Voltage & Wire Feed Controls at Wire Feeder
- Variable Inductance & Burn Back Controls
- Adjustable Crater Current Control
- Gas Check / Inch Wire
- 2T/4T Trigger Function
- Separate 4 Roll Geared Wire Feeder
- LED Digital Display
- Euro MIG torch connection
- 10m Interconnecting Cables
- Excellent arc stability for MIG/TIG/MMA welding



Technical Data	MIG500SWF	MIG350SWF	MIG250SWF
Power Supply / Phases (V-Ph)	AC415V±15%~50/60Hz	415V 3 Phase	240V 1 Phase
Duty Cycle@40°C to AS/NZ60974	60% @ 500 Amps MIG 60% @ 500 Amps MMA	60% @ 350 Amps MIG 60% @ 350 Amps MIG	35% @ 250Amps MIG 35% @ 225Amps MMA
Output Current Range MIG	50A/16.5V - 500A/39.0V	50A/16.5V - 350A/31.5V	30A/15.5V - 250/26.5V
Output Current Range MMA	20A/20.8V - 500A/40.0V	20A/20.8V - 350A/34.0V	10A/20.4V - 250/30.0V
Rated Power MIG	24.7 KVA	11.9 KVA	10.8 KVA
I Max MIG	34.0 Amps	31.0 Amps	45.0 Amps
MMA	35.0 Amps	34.0 Amps	51.0 Amps
I _{ieff} MIG	26.0 Amps	24.0 Amps	26.6 Amps
MMA	27.0Amps	26.0Amps	28.0 Amps
Wire Feeder Type	Gear Driven 4 Roll	Gear Driven 4 Roll	Gear Driven 4 Roll
Protection Class	IP 21S	IP 21S	IP 21S
Insulation Class	F	F	F
Dimensions Power Source (LxWxH)	595x280x440mm	595x280x440mm	595x280x440mm
Weight Power Source	40.6 Kg	38 Kg	38 Kg
Dimensions Wire Feeder (LxWxH)	630x235x420mm	630x235x420mm	630x235x420mm
Weight Wire Feeder	14 Kg	14 Kg	14 Kg
Length of Interconnecting Cable	10 m	10 m	10 m
Warranty	3 years on machine	3 years on machine	3 years on machine

Overview

The MIG Separate Wire Feeder range are inverter-based MIG welding machines with added MMA and TIG function. These are industrial machine equipped with a separate 4 roll gear driven wire feeder and 10m interconnecting cables. The MIG function allows you to weld with Solid wires, Fluxcored Gas and Gasless wires. Adjustment of Voltage & Wire Feed at the wire feeder make for easy setting of welding parameters and give the convenience of remote adjustment from the power source. The Crater Current setting delivers perfect finishing of the weld, the electronic inductance offers fine adjustment of the arc characteristic and burn back adjustment leaves the wire stick out ready for the next weld. Wire inch and Gas Check provides set up of the wire feed and gas setting with wastage of wire or gas. Added MMA welding capability delivers easy and high quality welding using electrodes, including cast Iron, stainless and low hydrogen. Connection of the 17V or 26V TIG torch provides quality DC TIG (scratch start) welding of steel, stainless steel and copper. Ideal for heavy and structural welding applications through to general engineers, maintenance workshops, light engineering, rural workshops and home workshops. Designed and built to our specification. Certified to - AS/NZ60974.1

MACHINE PACKAGE: KUMJR250SWF

UNI-MIG 250SWF Multifunction Welding Inverter / SB24 4M Sure Grip MIG torch with Euro connector, 10M ARC lead set 35-50mm Dinse style connections / UNI-FLAME Twin Gauge Argon Regulator 2M Gas Hose Complete with fittings, 10M Inter connection Cables, Trolley.

MACHINE PACKAGE: KUMJR350SWF

UNI-MIG 350SWF Multifunction Welding Inverter / SB36 4M Sure Grip MIG torch with Euro connector, 10M ARC lead set 35-50mm Dinse style connections / UNI-FLAME Twin Gauge Argon Regulator 2M Gas Hose Complete with fittings, 10M Inter connection Cables, Trolley.

MACHINE PACKAGE: KUMJR500SWF

UNI-MIG 500SWF Multifunction Welding Inverter / TWC5-15FTE Sure Grip MIG torch with Euro connector, 10 ARC lead set 35-50mm Dinse style connections / UNI-FLAME Twin Gauge Argon Regulator 2M Gas Hose Complete with fittings, 10M Inter connection Cables, Trolley.