

RAZOR DIGITAL 210

MIG/TIG/MMA - 210Amp Digital DC Inverter Welder

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



RazorWeld™

Features

- MIG / TIG / MMA multi function inverter
- Digital control power source
- Digital MIG Torch enables adjustments to voltage and wire speed during welding
- MIG Mode - Adjustable crater fill & post gas
- MIG Mode - Adjustable inductance for optimum arc characteristics
- TIG Mode - Adjustable down slope time & post gas
- MIG/TIG 2T - 4T trigger function
- Reversible Polarity for Gas/Gasless Welding
- Geared Wire Drive
- 1Kg to 5Kg Spools
- Spool Gun ready
- Gas Solenoid for TIG welding eliminating manual valve torches and minimizing gas loss.
- VRD - Voltage Reduction Device



SPGRW200II
Spool Gun Option



SR-17DM-4MCP25
TIG Torch Option



UMJRTROLLEY2
Machine Trolley Option

Technical Data

Power Supply / Phases (V-Ph)	240v - 1 +/- 15%
Duty Cycle @ 40°C as per AS/NZ60974-1	20% @ 210 Amps MIG 20% @ 160 Amps MMA
No Load Voltage (V)	53.0
Output Current Range MIG	30A/15.5V - 210/24.5V
Output Current Range MMA	10A/20.4V - 160A/26.4V
Rated Power MIG	6.9 KVA
Rated Power MMA	8.4 KVA
I _{eff} MIG	15.6 Amps
MMA	12.9 Amps
Power factor	0.72
Protection Class	IP21S
Insulation Class	F
Dimensions Power Source (LxWxH)	528x250x425mm
Weight Power Source	19 Kg
Warranty	3 years on power source

Overview

The RAZOR 210 Digital is a new Digital controlled inverter-based portable MIG welding machine with added MMA and DC TIG function. The Digital function allows very fast and 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 DM24 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 wires. Wire inch provides feeding of the wire during set up without any gas wastage. Added MMA welding capability delivers easy electrode welding with high quality results including cast Iron, stainless steel and low hydrogen. DC TIG function has a gas solenoid and trigger control. Connection of the SR17 TIG torch provides simple but professional 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 SPGRW200II 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. The RAZOR 210 Digital is a 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 and home workshops. Designed and built to our specifications. Certified to - AS/NZ60974-1 2006

MACHINE PACKAGE: KUMJRDP210

UNI-MIG 210 Digital Multifunction Welding Inverter, DM24 Digital 4M Sure Grip MIG torch, 4M Arc lead set, UNI-FLAME Twin Gauge Argon Regulator, 2M Gas Hose.

