

RAZOR MIG 205 SMART SET

MIG/TIG/MMA - 205 Amp DC Inverter Welder

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



Features

- New 40 KHz IGBT inverter technology
- MIG/MAG with Gas and Gasless wire function
 - Smart Set Synergic programs for 0.8 / 0.9 Mild Steel
 - Soft Start - Self Adaptive Crater Fill
 - Wire Inch
- MMA function (Stick electrode)
 - VRD (Voltage Reduction Device)
 - Hot start (improves electrode starting)
 - Adjustable Arc Force
- DC TIG
 - Lift Arc ignition (prevents tungsten sticking during arc ignition)
 - 2T 4T Trigger Control
 - Adjustable Downslope
- Internal wire feeder, gear driven for up to 200mm Ø spool
- Euro style MIG & TIG torch connection
- IP21S rating for environmental/safety protection
- Tolerant to variable power supply
- Spool Gun Connection



Technical Data

| | |
|-------------------------------------|--|
| Power Supply / Phases (V-Ph) | 240v - 1 +/- 15% |
| Duty Cycle @ 40°C as per AS/NZ60974 | 20% @ 200 Amps MIG 35% @ 200 Amps TIG 15% @ 200 Amps MMA |
| Output Current Range MIG | 30A/15.5V - 200A/24.0V |
| Output Current Range TIG | 10A/10.4V - 200A/18.0V |
| Output Current Range MMA | 10A/20.4V - 200A/28.0V |
| Rated Power MMA | 9.4 KVA |
| I Max | MIG 33.6 Amps TIG 25.2 Amps MMA 39.0 Amps |
| I _{ieff} | MIG/TIG/MMA 15.0 Amps |
| Power factor | 0.70 |
| Protection Class | P 21S |
| Insulation Class | F |
| Dimensions Power Source (LxWxH) | 470x190x380mm |
| Weight Power Source | 12.5 Kg |
| Warranty | 3 years on power source |



RAZOR MIG205SS OPTIONS



240A SpoolGun
Part No.
PLSP240A-24-P1-60ER



SRE26 Euro Connect
TIG Torch
Part No. SRE26-4M



RAZOR BAG
Part No.
RAZOR MIG200 BAG-1

Overview

The Razorweld Series MIG205-SS is a new inverter-based portable MIG/MMA/TIG Welding machine with Synergic Programs for 0.8mm and 0.9mm solid welding wires. The MIG function allows you to weld with both Gas Shielded and Gasless wire applications giving excellent, professional welding results. Easy step-less adjustment of voltage and wire feed coupled with integrated digital meters allows easy setting of welding parameters. The MIG 205SS features Smart set welding with four Synergic Mild Steel welding programs designed for ease of use with your selected gas mixture. The operator selects the gas mixture and wire diameter they are using then simply start welding. Once this is done the operator can make fine adjustments to the voltage for even greater control of the weld pool. The added Lift-Arc DC TIG capability delivers perfect arc ignition every time and a remarkably smooth stable arc produces high quality TIG welds. TIG functionality includes adjustable Down Slope & Post Gas as well as being gas solenoid-valve equipped. The stick welding (MMA) capability delivers easy electrode welding with high quality results, including cast iron, stainless and low hydrogen. An additional feature is the Spool gun ready function that allows the simple connection of the SPGRW200II Spool Gun for the use of thin or softer wires that don't have the column strength to feed through standard MIG torches, such as aluminum wire. This is an industrial quality machine that is extremely lightweight and portable. Being 240v single phase gives great versatility. Ideal for general engineers, maintenance workshop, rural workshop, panel beaters and home workshop. Designed and built to our specification. Certified to - AS/NZ60974.1

Product Code: KUMJRRW205SSMIG

Package includes: MIG205SS Welding Machine, SB25 MIG Torch x 4m, Argon Regulator, Earth Lead & Arc Lead 25mm x 4m, Gas hose with quick connect fitting.

