

RAZOR MIG 205 SMART SET

MIG/TIG/MMA - 205 Amp DC Inverter Welder

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

Unimig
RazorWeld

FEATURES



Smart Set Synergic Programs
0.8 - 0.9 Mild Steel



MIG/MAG with Gas & Gasless function
Duty Cycle 20% @ 200Amps



DC Lift arc TIG
Duty Cycle 35% @ 200Amps



MMA Stick mode
Hot Start / Arc Force
Running most Electrodes up to 4.0mm



Spool Gun ready
Ideal for Aluminium work



2T /4T Trigger Selection



Voltage Reduction Device



Fitted with a 15AMP Plug



MMA/TIG Stepless Amperage / Wire speed control MIG Stepless Voltage control MIG/TIG/MMA Smart Set Control

Technical Data

Power Supply / Phases (V-Ph)
Duty Cycle @ 40°C MIG

240v - 1 +/- 15%
20% @ 200 Amps
100% @ 89 Amps
35% @ 200 Amps
100% @ 118 Amps
15% @ 200 Amps
100% @ 77 Amps
30A/15.5V - 200A/24.0V
10A/10.4V - 200A/18.0V
10A/20.4V - 200A/28.0V

Duty Cycle @ 40°C TIG

Duty Cycle @ 40°C MMA

Output Current Range MIG
Output Current Range TIG
Output Current Range MMA
Rated Power MMA (KVA)
I Max

9.4
MIG 33.6 Amps
TIG 25.2 Amps
MMA 39.0 Amps
15.0 Amps

Efficiency MIG/TIG/MMA

Power factor

0.70

Protection Class

IP21S

Insulation Class

F

Dimensions Power Source (LxWxH)

470x190x380mm

Weight Power Source

12.5 Kg



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 PLSP240A 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.



WARRANTY

(Power Source)

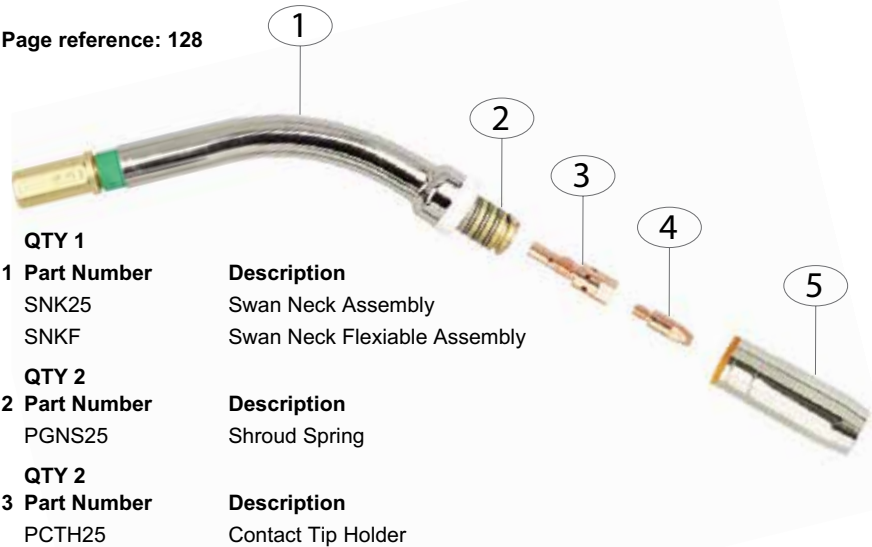
RAZOR MIG 205 SMART SET
MIG/TIG/MMA - 205 Amp DC Inverter Welder
Torch Spare Parts - Machine Options & Accessories



230A AIR COOLED MIG WELDING TORCH

Rating:230A CO² 200A mixed gas EN60974-7 @ 60% duty cycle. 0.8 to 1.2mm wires

Page reference: 128



QTY 1	
1 Part Number	Description
SNK25	Swan Neck Assembly
SNKF	Swan Neck Flexible Assembly
QTY 2	
2 Part Number	Description
PGNS25	Shroud Spring
QTY 2	
3 Part Number	Description
PCTH25	Contact Tip Holder

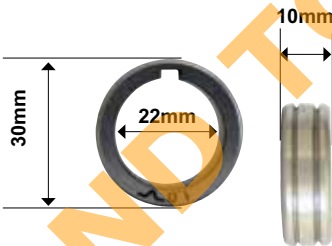
QTY 10	
4 Part Number	Description
PCT0009-06	Contact Tip Steel (0.6mm)
PCT0009-08	Contact Tip Steel (0.8mm)
PCT0009-09	Contact Tip Steel (0.9mm)
PCT0009-10	Contact Tip Steel (1.0mm)
PCT0009-12	Contact Tip Steel (1.2mm)
PCT0009-16	Contact Tip Steel (1.6mm)
PCTAL0009-09	Contact Tip Aluminium (0.9mm)
PCTAL0009-10	Contact Tip Aluminium (1.0mm)
PCTAL0009-12	Contact Tip Aluminium (1.2mm)
QTY 2	
5 Part Number	Description
PGN25CYL	Cylindrical Nozzle
PGN25CON	Conical Nozzle
PGN25TAP	Tapered Nozzle
PGN25SPOT	Spot Nozzle

Torch Model			
Description	Part Number	4 Mt	5 Mt
	3 Mt		
SB25 Suregrip Ergo Torch Package	SB25-3M	SB25-4M	SB25-5M

Drive Roller

ROLLER DIAMETER: 30/22

Page reference: 260



- V Groove Drive Roller - Steel Wire
- Knurled Drive Roller - Flux Core Wire
- U Groove Drive Roller - Soft Wire

Machine Options

Carry Bag

RAZOR MIG200 BAG-1
 Machine and Torch Bag Option



Welding Helmet

UMRWWH
 Automatic Welding Helmet Option
 Page reference: 140



Spool Gun

PLSP240A
 240A SpoolGun Option
 Page reference: 184



Welding Gloves

UMWG6
 MIG Welding Gloves Option
 Page reference: 127



TIG Torch

SRE26-4M
 TIG Torch Option
 Page reference: 212



Torch Aluminium Kit

KALPRW200/205/250
 Aluminium Kit Option
 Page reference: 149

