

RAZOR MIG 175

MIG/MMA - 175 Amp DC Inverter Welder

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

UNIMIG
RazorWeld

FEATURES



MIG/MAG with Gas & Gasless function
Duty Cycle 25% @ 175Amps



MMA Stick mode
Duty Cycle 25% @ 160Amps
Hot start - Anit Stick



Spool Gun Ready
Ideal for Aluminium work



VRD Voltage Reduction Device



Stepless Amperage - Voltage & Wire Speed adjustment



Fitted with a 15AMP Plug



Manufactured in compliance to AS/NZ60974.1

- 1Kg & 5Kg Spools
- Adjustable Burn Back
- Wire Inch



Technical Data

Power Supply / Phases (V-Ph)

Duty Cycle @ 40°C MIG

Duty Cycle @ 40°C MMA

Output Current Range MIG

Output Current Range MMA

Rated Power MIG (KVA)

I_{eff} MIG

MMA

I_{Max} MIG

MMA

Power factor

Protection Class

Insulation Class

Dimensions Power Source (LxWxH)

Weight Power Source

240v - 1 +/- 15%

25% @ 175 Amps

100% @ 88 Amps

25% @ 160 Amps

100% @ 80 Amps

30A/15.5V - 175A/22.8V

10A/20.4V - 160A/26.4V

6.7

14.0 Amps

14.8Amps

27.9 Amps

29.6 Amps

0.70

IP21S

F

470x190x380mm

12.5 Kg

Overview

The RAZORWELD MIG175 is a new inverter-based portable MIG welding machine with added (MMA) Stick function. The MIG function allows you to weld with both Gas Shielded and Gas-less wire applications. 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 and the Burn Back adjustment leaves the wire out ready for the next weld. Stick welding capability delivers easy electrode welding with high quality results, including cast Iron, stainless and low hydrogen. An additional feature is the Spoolgun ready function that allows the simple connection of the SPGRW135 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. This is an industrial machine that is both lightweight and portable. Being 240v single phase gives great versatility. Ideal for general engineers, maintenance workshop, rural workshop, panel beaters, home workshop. designed and built to our specification.

Certified to - AS/NZ60974.1

Product Code: KUMJRRW175MIG

Package includes: MIG175 Welding Machine, SB25 MIG Torch x 3m, Earth Lead & Arc Lead 25mm x 4m, Argon Regulator, Gas hose with quick connect fitting.



WARRANTY

(Power Source)

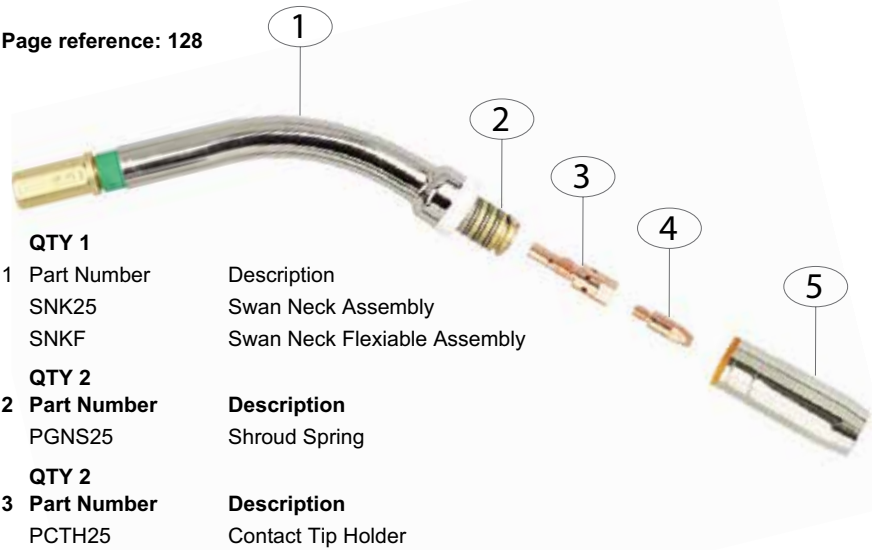
RAZOR MIG 175
MIG/MMA - 175 Amp DC Inverter Welder
Torch Spare Parts - Machine Options & Accessories



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

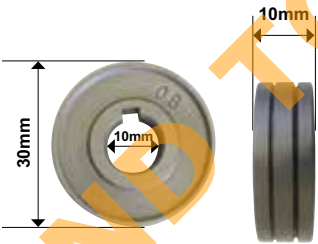
QTY 10	
Part Number	Description
PCT0009-06	Contact Tip Steel (0.6mm)
PCT0009-08	Contact Tip Steel (0.8mm)
PCT0009-09	Contact Tip Steel (0.9mm)
PCT0009-10	Contact Tip Steel (1.0mm)
PCT0009-12	Contact Tip Steel (1.2mm)
PCT0009-16	Contact Tip Steel (1.6mm)
PCTAL0009-09	Contact Tip Aluminium (0.9mm)
PCTAL0009-10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

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

Drive Roller

ROLLER DIAMETER: 30/10

Page reference: 260



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

Machine Options

Welding Helmet

UMRWWH
Automatic Welding Helmet Option
Page reference: 140



Carry Bag

RAZOR MIG200 BAG-1
Machine and Torch Bag Option



Torch Aluminium Kit

KALPRW175
Aluminium Kit Option
Page reference: 149



Gasless Wire

Flux-Cored Welding Wire
Page reference: 264



Welding Gloves

UMWG6
MIG Welding Gloves Option
Page reference: 127



Spool Gun

135A SpoolGun
Part No. SPGRW135
Page reference: 181

