

RAZOR CUT 45

Plasma - 45 Amp Inverter Plasma Cutter

Cuts: Steels, Stainless, Cast Iron, Brass, Copper. Aluminium



45 Amp - 16mm Cut on Mild Steel 240v Inverter with Power Factor Correction Industrial Rated, Lightweight and Portable

Features

- Latest IGBT Inverter Technology
- Safe Euro torch connection
- High quality SC80 Plasma torch
- Industrial application
- Tolerant to variable power supply
- In-built Air Regulator with preset air pressure
- Suitable to cut all electrically conductive materials
- Light weight and compact
- Strong metal housing, with plastic front and rear covers
- Generator use with pure sine wave generator only

Technical Data

Power Supply / Phases (V-Ph)	240v - 1 +/- 15%
Duty Cycle @ 40°C	25% @ 45Amps
Rated Power (KVA)	5.50
imax (A)	29.2
ieff (A)	15
Output Current Range (A) Plasma	20-45
Rated Output Voltage (V)	98
Insulation Class	F
Protection Class	IP21S
Plasma Arc Starting	Pilot L/F
Air Flow Pressure (MPa)	0.5 (75 psi)
Air Flow Rate l/min	189
Cutting Thickness - Clean (mm)	16
Cutting Thickness - Severance (mm)	20
Dimensions (mm)	410 x 165 x 330
Weight (Kgs)	9.8
Warranty	2 years machine only
Certification Approval	AS/NZS 60974-1



50505-48
Sub-Micronic Cartridge
Option



50500-12
Sub-Micronic Air Filter
Option

Overview

The RAZORCUT45 is an inverter-based Plasma cutting machine produced using the latest in IGBT technology. This machine is reliable, robust and stacked with features that you can expect from a quality Plasma Cutter. The RAZORCUT45 produces a high temperature plasma stream providing effortless cutting of all electrically conductive materials including steel, cast Iron, stainless steel, copper, aluminium brass etc. The RAZORCUT45 is equipped with a high quality SureGrip SC80 Plasma torch with Euro connection, developed specifically to enhance and improve the cut quality of the RAZORCUT45 machine. Connection of the SC80 Plasma torch provides effortless starting of the cut with powerful, fast and accurate cutting capability, additional is the benefit of longer life cycle consumable electrodes and cutting tips. The RAZORCUT45 is an exceptional machine that is suitable for a wide range of applications including sheet metal fabrication, light industrial use, site work, automotive, ducting work, repair and maintenance services. The RAZORCUT45 is packaged with a tough SureGrip SC80 Plasma torch, earth lead and air regulator. The RAZORCUT45 gives you the best of both worlds great portability, with the power to get the job done. Built to our specification and manufactured in compliance to AS/NZS 60974-1

Product Code: KUPJRRW45

Standard Package includes: RAZORCUT45 Machine, SC80 x 6m Plasma Torch, Earth Lead 4m, gas connection fitting



PLASMA CUTTING TORCHES

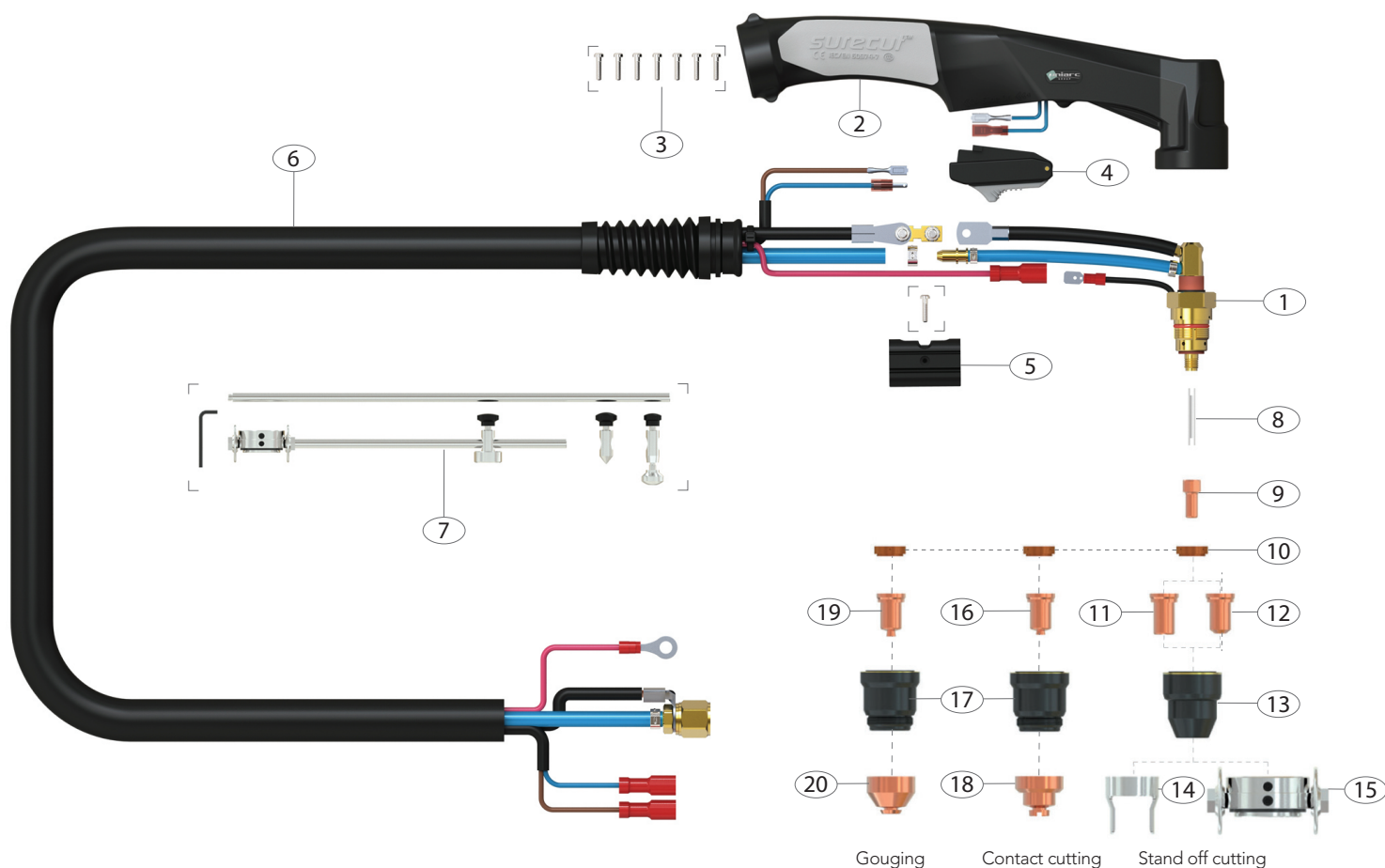
SC80 Plasma Torch & Spares

Air Cooled 80 Amp



Rating: 80A Air/N₂ Gas, @ 60% duty cycle.

For use on **RAZORCut 45 KUPJRRW45** & **RAZORCut 80 KUPJRRW80**



Torch Model	Description		Part Number
			6 Mt
	Surecut™ Plasma Cutting Torch Package		WG-SC80-60-CC1

Front end consumables

Torch Spare Parts			Wear Spare Parts		
No	WGA Part No.	Description	No	WGA Part No.	Description
1	SC8001	SC80 70 Torch Head Kit	8	SC8002	Cooling Tube
2	SC8014	Plasma Handle Kit	9	SC8004	Electrode
3	SCSP1	Screw Pack	10	SC8006	Swirl Ring
4	SC2516	Plasma Safety Trigger	11	SC8020-09	Cutting Tip 0.9mm
5	SC8015	Location Block	12	SC8020-10	Cutting Tip 1.0mm 40-50A
6	SC8019-60-CF4	Cable Assembly Complete X 6mt		SC8020-13	Cutting Tip 1.3mm 70-80A
7	SC8050	Circle Cutting Attachment Kit	13	SC8030	Retaining Cup
			14	SC8040	Stand Off Guide
			15	SC8051	Cutting Buggy
			16	SC8026-10	Cutting Tip Contact 1.0mm
				SC8026-11	Cutting Tip Contact 1.1mm
				SC8026-12	Cutting Tip Contact 1.2mm
				SC8026-13	Cutting Tip Contact 1.3mm
			17	SC8031	Shield Cap Body
			18	SC8041	Shield Cap
			19	SC8028-16	Gouging Tip 1.6mm
			20	SC8043	Shield Cap Gouging