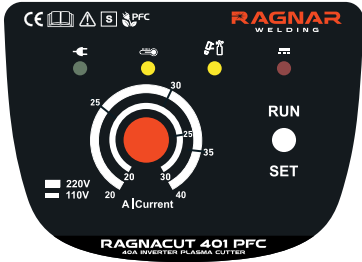


RAGNACUT 401 PFC

RAGNAR
WELDING



RagnaCut 401 PFC at a glance

The RagnaCut 401 PFC is a multi-voltage single phase inverter power source for Air Plasma Cutting process.

Special no-hf cutting torch with pilot arc allows **20mm maximum cuts on mild steel**, making this model the most performant, compared to other plasma cutters on the market.

The PFC module allows multiple advantages such as reduced power consumption, increased efficiency, increased duty cycle (40A @ 50%) and multi-voltage capability (works with any voltage between 95V and 270V).

2 YEARS
WARRANTY

RAGNACUT 401 PFC MAIN FUNCTIONS

AIR PLASMA CUTTING

Capable of cutting the most common metals like mild steel, stainless steel, aluminium, copper, etc.

PILOT ARC

No contact torch with Pilot Arc allows cutting work pieces with holes and even grid.

IGBT INVERTER TECHNOLOGY

Differently from traditional AC transformer system, guarantees cutting edge technology in welding, specifically by providing better arc stability, lower current consumption, compact equipment size and lightweight.

MCU CONTROL SYSTEM (INTELLIGENT MACHINE CONTROL)

A built-in microprocessor for real time monitoring of the arc and machine protection detection.

GENERATOR FRIENDLY

Can be connected to Power Generators.

PFC TECHNOLOGY

Power Factor Correction allows multiple advantages such as energy saving, welding and cutting arc stability, increased duty cycle and a wide input voltage range.

IMPROPER INSTALLATION AND AIR PRESSURE LOW ALARM

When short circuit occurred between the electrode and the nozzle for abnormal reasons, the lamp on, air feeds intermittently. When cutting gun with no electrode and nozzle installed, the lamp on, air feeds intermittently. When the Shield Cup is not installed, the lamp flashes. When the air low, the lamp on.

EXCELLENT ARC STABILITY

Smooth and reactive welding arc for superior ignition, penetration and welding quality.

LIGHTWEIGHT & PORTABLE

Only 480x146x278mm and 7Kg.

FAN COOLED

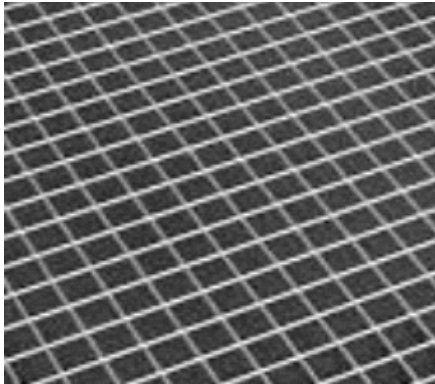
Powerful fan and special internal engineering design for efficient cooling and keeping the impurities and dust away from sensitive electronic parts.

RAGNACUT 401 PFC

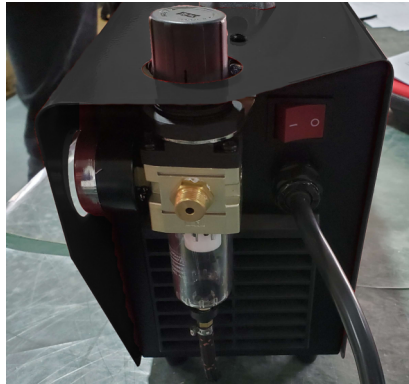
SPECIAL FUNCTIONS



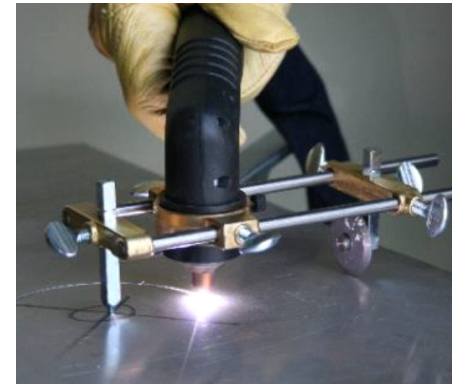
Good cutting performance on irregular surfaces like grids



Comes with external quick type air connection and a two stage air/oil separator/filter with pressure reducer and gauge



Circle cutting guide for plasma cutter (Optional)



RAGNACUT 401 PFC

TECHNICAL DATA

PARAMETERS

Power Supply Voltage (V)	1ph 90VAC-275 VAC	
Fre.HZ	1 - 110/120/130±10%	50/60
Rated input current (A)	34.5	1 - 220 /230 /240 ±10%
Rated input power (KW)	3.8	22.6
Adjustment range of current (A)	20-30	4.9
Max no - load voltage (V)	20-30	20-40
	320	
Duty cycle (40°C 10 minutes)	35% 30A 60% 22A 100% 20A	50% 40A 60% 36A 100% 30A

	110V	220V
Severance Cut for Carbon Steel (mm)	≤15	≤20
Optimal cutting thickness (mm)	Carbon steel	≤10
	Stainless steel	≤10
	Aluminum	≤8
	Copper	≤4
Dimensions (mm)	480 *146 *278	
Protection class	IP23	
Insulation class	H	
Net weight (kg)	7	
Cooling method	AF	

RAGNACUT 401 PFC

PACKAGE INCLUSIONS

RAGNACUT 401 PFC

ORDERING INFORMATION & OPTIONAL ACCESSORIES



- RAGNACUT 401 PFC POWER SOURCE
- CUTTING TORCH IPT-60 6M
- EARTH CABLE 10mm² 4m & EARTH CLAMP 300A
- GAS HOSE 3m WITH QUICK FIT CONNECTOR

- RC.401.01P - RagnaCut 401 PFC Package
- RC.401.01 - RagnaCut 401 PFC Power Source
- IPT030430-00 - Cutting Torch IPT-60 6m
- RACC.1000001 - Earth Cable 10m² 4m & Earth Clamp 300A
- RACC.G000001 - Gas Hose 3m With Quick Fit Connector
- ISM0707 - Circle cutting attachment

*Images and specifications are for reference and are subject to changes/improvements without notice.