



Non-HF Plasma CUTTER

ACUT120a



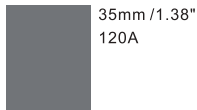
ACUT-a series is invented for professional use in heavy duty application with CNC system. ACUT-a series can be integrated with CNC system and have special non HF ignition for best arc start. ACUT-a series can show best result for cutting steel with thickness up to 15 mm.

Features and Benefits

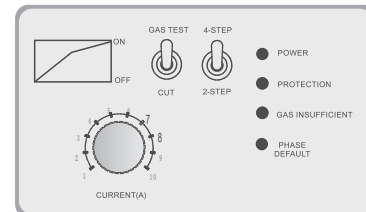
- **Light in weight:** inverter technology makes it easy to be maintained or carried
- **Multiple applicable materials:** carbon steel, stainless steel, copper, aluminum, and others
- **Highly reliable:** self-diagnosis function and multiple protections
- **Friendly for plasma torch:** post flow for additional cooling of plasma torch
- **Best choice for CNC plasma cutting system:** the special non-HF ignition ensures the best arc starting
- **Highly stable:** the expanded service life of the fan and reduced fault rate owing to the smart fan feature



Mild Steel Cutting Capability



Stainless Steel Cutting Capability



ACUT120a

Work with CNC

Standard Equipments

- 1 Power source
- 1 Connected primary cable L=3m
- 1 Ground cable L=3m with clamp and quick plug
- 1 Pressure-reducing valve
- 1 Plasma torch

Technical Specification

	ACUT120a
Rated input voltage /frequency (V/Hz)	3 phase, AC380V±10%, 50 /60Hz
Rated input capacity (KVA)	16.5
Rated input current (A)	25
Duty cycle (40°C)	100%@120A
OCV (V)	185
Output current rang (A)	30-120
Arc ignition method	Non-HF (low frequency)
Maximum cutting thickness (mm)	35
Clean cut thickness (mm)	1-15
Air pressure (Mpa)	0.8
Protection class	IP21S
Insulation class	H
Dimension (mm)	621*311*557
Weight (kg /lb)	43.5 /96.1