



Quick Specs

Personal User Applications

Industry plant and pipeline construction
Boiler and container construction
Steel construction
Metal shop

Process

Process: CUT

Output



Input



ACUT series is designed for professional use in heavy duty application. ACUT power source can be used for manual cutting with HF ignition to provide best arc start and avoid defect in arc start process. ACUT series can show best result for cutting steel with thickness up to 35 mm.

Features and benefits

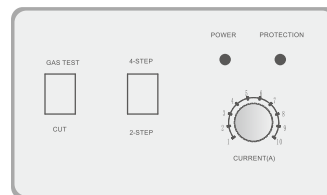
- Inverter technology provides a low weight power source that can be easily maintained or carried by the welder
- ACUT is air cooled power source to provide a non-stop work
- ACUT provides cutting of steel, stainless steel, copper, aluminum etc
- Self diagnostic and different protections help in work and maintain power source
- Post flow function gives additional cooling for plasma torch
- Smart fan feature greatly expands working life of the fan and reduces fault rate



Mild Steel Cutting Capability



Stainless Steel Cutting Capability



Standard equipments

- 1 Power source
- 1 Connected primary cable L=3m
- 1 Ground cable L=3m
- 1 Pressure-reducing valve
- 1 Plasma torch

Technical Specification

	ACUT60	ACUT100	ACUT120
Rated input voltage/frequency (Hz)	3 phase, 380V±10%, 50 /60Hz		
Rated input capacity (KVA)	7.5	14.4	16.5
Rated input current (A)	11.4	21.9	25
Duty cycle (40°C)	60%@60A	60%@100A	60%@120A
OCV (V)	319	319	340
Output current rang (A)	30-60	30-100	30-120
Arc ignition method	HF contact	HF pilot	HF pilot
Maximum cutting thickness (mm)	15	30	35
Clean cut thickness (mm)	1-8	1-12	1-18
Air pressure (Mpa)	0.45-0.6		
Protection class	IP21S		
Insulation class	H		
Dimension (mm)	501*232*495	576*297*557	576*297*557
Weight (kg /lb)	28.5 /63	43.2 /95.4	43.5 /96.1



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