

Digital Plasma CUTTER & MMA

ACUT-120 /160Y



ACUT-120/160Y cutting equipment is a metal cutting equipment with high efficiency, high quality and low cost. It integrates cut and weld functions to one machine, which can be applied to perform manual cutting and CNC cutting. It equips built-in air compressor, which makes it become the portable type edge tool in site installation and fabrication industries.

Features and Benefits

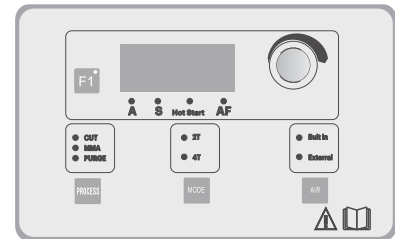
- **MMA welding process:** 400A welding current, hot arc start with adjustable arc force
- **Built-in compressor:** High quality and high power, long-time stable welding
- **Excellent cutting ability:** Concentrated energy ensures smooth and neat cutting surface
- **Selectable air source:** internal air source and external air source, varies requirements from customers can be met
- **Multiple protection:** Ensuring stable operation of air compressor
- **CNC interface:** CNC interface and multiple functions make it enjoy great popularity
- **Outstanding cut thickness:** As for carbon steel cutting, an edge starts is applicable for no more than 40mm, a pierce starts is applicable for no more than 20mm.
- **Long-cable cutting torch:** up to 15m
- **Easy arc starting:** The maximum arc starting height is 10mm

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

| | | ACUT120Y | ACUT160Y |
|---------------------------------------|-----------------------------------|-------------------------------|-------------|
| Rated input voltage /frequency (V/Hz) | | 3 phase, AC380V±10%, 50 /60Hz | |
| Rated input capacity (KVA) | | 19 | 30 |
| Rated input current (A) | | 29 | 43 |
| Plasma cutting | Cutting current range (A) | 30 - 120 | 30 - 160 |
| | OCV (V) | 340 | 320 |
| | Duty cycle (%) | 60 | |
| | Maximum cutting thickness/CS (mm) | 40 | 60 |
| | Quality cutting thickness/CS (mm) | 1-20 | 1-40 |
| MMA | Welding current range(A) | 50 - 400 | 50 - 400 |
| | OCV (V) | 70 | 70 |
| | Arc force range (A) | 10 - 200 | 10 - 200 |
| | Duty cycle (%) | 35 | |
| Dimension (mm) | | 758×322×630 | 758×322×630 |
| Weight (kg /lb) | | 65 /143.3 | 65 /143.3 |
| Protection class | | IP21S | |
| Insulation class | | H | |



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