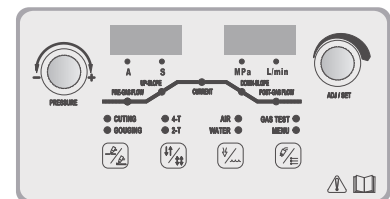




ACUT-300 /400 /500 cutting machine is a sharp tool for thick plate cutting, which enjoys the benefits of large cutting thickness, fast cutting speed, and the ability to cut almost all materials. ACUT300 /400 /500 is the best choice for the production and fabrication of thick-plate workpieces.

### Features and Benefits

- **Outstanding controlling performance:** full digital control, continuous adjustable parameters such as pre-gas, post-gas, up-slope and down-slope
- **Best choice for thick plate cutting:** the cutting thickness of ACUT300 is 100mm; the cutting thickness of ACUT400 is 110mm, the cutting thickness of ACUT500 is 120mm
- **Humanized air control design:** digital display of air pressure; air regulation function is set on front panel, which is easy to operate
- **Digital display of liquid flow**
- **Fault self-diagnosis function:** equipping error code display and automatic protection, for overheat, lack of coolant, lack of air, input undervoltage and so on
- **Be equipped with automation equipment:** the standard configuration includes machine interface, which is convenient to form automatic cutting equipment
- **Highly reliable:** semi-independent air duct design and anti-dust design
- **100% duty cycle**



ACUT-300 /400 /500

### Standard Equipments

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

### Technical Specification

	ACUT300	ACUT400	ACUT500
Primary power voltage /Frequency (V/Hz)	3 phase, AC380V±10%, 50 /60Hz		
Rated input capacity (KVA)	74	95	123
Rated input current (A)	112	145	187
Output current range (A)	60-300	60-400	60-500
Output voltage range (V)	104-200		
Duty cycle (40 C )	100		
Open circuit voltage (V)	380		
Efficiency (%)	≥89%		
Air pressure (bar)	4.5-6		
Air flow (L/min)	≥250		
Max prercing capacity/CS (mm)	40	45	55
Maximum cutting thickness/CS (mm)	80	110	120
Cutting thickness in quality/CS (mm)	≤70	≤90	≤100
Dimensions (mm)	783*364*849		
Weight (kg /lb)	116 /255.7	120 /264.6	125 /275.6
Protection class	IP21S		
Insulation class	H		