

The high cost-performance, Bardiche CUT 40CT

Focused, Excellent, Precise, Professional, Reliable, Portable



(Picture for reference only)

Control panel

Simple and easy to operate, one rotary knob for plasma cutting current pre-set. Customers can easily choose the cutting current, post gas time.



- Use 100 KHz inverter MOSFET technology.
- Delicate angle bead, more protection and more beautiful shape.
- Adopt new techniques that maximizing thermal dissipation with 4 separated heat sinks.
- Greatly improved the welding performance and stability; easy striking under low voltage.
- Professional in cutting thin steel to meet general demands.
- Current and gas post time adjustable, fully cooled electrode and nozzle.
- Recommended for 12mm thickness steel, limited for 16mm thickness steel.
- Intelligent protection: over-voltage, over-loading and over-heating.
- Energy-efficient: power factor more than 0.7, efficiency more than 85%.

Base Units Include

- 1 PCS Inverter power source, including 3M input cord without plug.
- 1 PCS PT-31 Cutting torch, 5M.
- 1 PCS Earth clamp with cable and plug, 3M.
- 1 PCS Gas hose, 3M.
- 1 PCS Pressure regulator.

Key Option

- Auto-Darkening Welding Helmet.



Technical data

Model	CUT 40CT
Parameters	
Input voltage (V)	AC220V±15%
Frequency (Hz)	50/60
Rate input current (A)	30
No-load voltage (V)	275
Current Range (A)	15-40
Rate output voltage (V)	96
Duty cycle (%)	30
Efficiency (%)	80
Power factor	0.78
Insulation Class	F
Housing Protection Class	IP21
Arcing Way	Contact
Pressure of air compressor(Kgf/cm ²)	4-5
Limited cutting thickness (mm)	16
Recommended cutting thickness (mm)	1-10
Weight (kg)	7.3
Dimensions L*W*H (mm)	402×160×300

Application specification

Recommended for 1-12mm thickness metal, limited for 16mm thickness metal,
Suitable for Steel erection, Pipe, Fabrication, Shipbuilding, Foundries, Mild steel,
Stainless steel, alloyed steel, etc

Welding current refers

Current	40A	60A	80A	100A	160 A
Recommended cutting thickness (mm)	1-12	1-18	1-25	1-30	1-40
Extreme cutting thickness (mm)	16	30	40	45	50