

# Bardiche CUT 165I

Focused, Heavy duty, Industrial, Professional Excellent, Reliable



- The advanced IGBT module inverter technology.
- Industrial assist for cutting middle thickness steel with stable performance.
- Digital display of cutting current on the panel.
- Current and post-gas time adjustable, extend the life of consumable parts.
- Plasma gouging and cutting function selectable.
- 2T/4T function, abundant modes to service various cutting demands.
- Standard signal output socket for CNC on the back panel.
- Gas check; make sure the air flow fluently before working.
- Intelligent protection: over-heating, over-current, over-voltage protection, convoy for the welder to keep power.



## Control panel

Simple and easy to operate, one rotary knob for plasma cutting current pre-set. Customers can easily choose the cutting current, 2T/4T, post gas time and plasma gouging.

## Base Units Include

- 1 PCS Inverter power source with junction Box.
- 1 PCS Earth clamp with cable and plug, 3M.
- 1 PCS Gas hose, 3M.
- 1 PCS Pressure regulator.
- 2 PCS CNC signal connect plug.

## Key Option

- Auto-Darkening Welding Helmet.
- Auto LT141 Plasma Cutting Torch 6M/12M.
- Manual LT141 Plasma Cutting Torch 6M/12M.

ITEM	MODLE	CUT 165I
<b>Input voltage (V)</b>		3 Phase AC380V±15%
<b>Frequency (Hz)</b>		50/60
<b>Rated input current (A)</b>		49
<b>Rated input power (KVA)</b>		32.3
<b>No load voltage (V)</b>		370
<b>Duty cycle (40°C)</b>		60%
<b>Output current (A)</b>		40-160
<b>Output voltage (V)</b>		144
<b>Post flow time (S)</b>		10~25
<b>Efficiency</b>		89%
<b>Power factor</b>		0.93
<b>EMC class</b>		A
<b>Insulation class</b>		H
<b>Housing protection grade</b>		IP21
<b>Arcing Way</b>		HF(Untouched)
<b>Pressure of air compressor (Kgf/cm<sup>2</sup>)</b>		4-5.5
<b>Limited cutting thickness (mm)</b>		50
<b>Recommended cutting thickness (mm)</b>		1-40
<b>Weight (kg)</b>		45
<b>Dimensions L*W*H (mm)</b>		670 320 640