

BULLZCUT Heavy Duty Gantry Plasma Cutting Machine



Description:

Heavy Duty Gantry Plasma Cutting Machine uses double drive mode to ensure the machine work smoothly, high positioning accuracy and simple structure. Moreover, modularized design makes machine components have strong exchangeability, and function is more simply & conveniently. The user can configure plasma cutting torch in different sizes according to the process requirements. High automation, easy operation, high accuracy, high reliability, low price, and simple operation & maintenance.

TECHNICAL PARAMETER

Model	BZ-1325
Effective Cutting Width (x Axis)	1300mm
Effective Cutting Length (y Axis)	2500mm
Plasma Power	LGK/Hypertherm
Drive Mode	Bilateral-side
Cnc System	Beijing STARFIRE CNC
Plasma Cutting Speed	50-6500 mm/min
Cutting Torch Lifting Distance	150mm
Speed Setting Error	≤±5%
Max Idle Running Speed	12000mm/min
Torch height controller accuracy	≤±1.0mm
Longitudinal line accuracy	±0.2mm/10m
Motor and driver	stepper motor and driver
Gearbox	Hubei planet
Drive Method	Rack and square rails for X Y Z axis
Moving Precision	0.01mm per step
Power Source	380V 50/60Hz
Height Controller (Plasma)	PHC330-Arc voltage height controller for plasma cutting
Plasma cutting thickness	1-32mm
length of a side	±0.5mm
Diagonal error AD-BC	±0.5mm
Base point return error	±0.2mm
Intersection point error	±0.5mm
Lineation forward- reverse error	±0.2mm

Features :

1. Gantry box beam with good carrying capacity, high double sides drive, For the compact structure, sufficient to eliminate the welding stress, its performance is stable and reliable.
2. Independent intellectual property rights and control system with Chinese/English display, USB transmission
3. Highly-precise linear guides, dual drive ensure the machine works noiselessly with high speed and high precision
4. Human-computer interface design makes the machine easy to learn and operate, and have complete functions.
5. Have 7 inch color LCD display and operate panel, and read program and software upgrade by USB flash driver.
6. Have the function of automatically memorizing and restoring when power off.
7. Have the function of wireless remote control which can control cutting at any place around the control desk.
8. Cutting torch can be selected to work with plasma or flame according to your cutting requirement