

3D Precision Fiber Laser Cutting Machine (Model : PIL864AC)



USAGE

The machine is a Five-axis laser machine, equipped with imported fiber laser. It is widely used for 3D laser cutting base on Its characteristics of high accuracy and high flexibility.

ADVANTAGE

1. high precision : Adopts imported linear motor, DD motor, imported NC system. The machine has good performance with high machining accuracy and smooth turning.
2. Long using Life: The machine is with long life using the imported fiber laser. Using life is more than 100,000 hours.

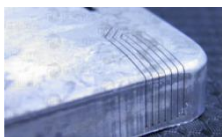
3. Good cutting quality : Adopts imported cutting head, small slit width, smooth cutting edge, low heat-affected.
4. Convenient Operation : Adopt high efficiency CAM 3D programming software. Interface is simple and friendly, easy operation.
5. High efficiency : High efficiency cutting base on one time fixturing and continuous processing for multi-surface.

APPLICATIONS

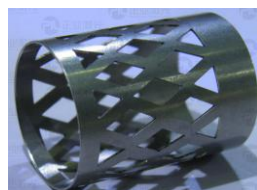
It is widely used for 3D tridimensional laser cutting of high accuracy, high quality and high safety medical equipment, precision equipment and electronic industry.



Mobile phone
key-button, Mobile
phone receiver



Mobile phone
antenna slot



Fine round tube
cutting



Special shaped
plate cutting



TECHNICAL PARAMETER

Specifications of 3D Precision Fiber Laser Cutting Machine			
Model	PIL864AC		
Control system	Imported Germany NC System		
Wave length	1070 nm		
Laser Power	150W/500W		According to material type and thickness of product
Movement axis	Maximum Stroke	Maximum running speed	Repetitive of positioning accuracy
X axis	800mm	800mm/s	±0.002mm
Y axis	600mm	800mm/s	
Z axis	400mm	800mm/s	
A axis	±135°	120r/min	±5arcsec
C axis	±360°	120r/min	
3D Working range	400mm*400mm*300mm		
Machine tool size(L*W*H)	2000mm*2500mm*2000mm		
Total weight	2500kg		
Maximum power dissipation	6kW		

