

# Multi-axis LASER Machining System

## Features

- : Q-switched DPSS LASER
- : High Peak Power
- : red guide laser and isolator
- : XYZAC Axes Precision Control
- : Optimal MC for Small Axisymmetric Parts

## Application

- PCD/PCBN Chamfering
- PCD/PCBN Nozzle
- Laser Micro-Machining



## Specifications

Motorized Stage	Stroke	X axis	150mm
		Y axis	150mm
		Z axis	100mm
	Resolution	Linear Motion	0.0001mm
LASER Source	Maintenance Cycle		12 months
	Wavelength		1064nm
	Average Power		5W
	Pulse Energy		0.15mJ
Security Feature	Cooling		Ensuring a safe temperature
	Security Window		Laser shield with safety locks
Dimension			1200x1600x1600mm
Options		Scanning Solutions	
		Longer Stroke	
		BMO(Beam Manipulation Optics)	
		Power Detection/Monitoring	



**TechMAC Co., Ltd.**  
Advanced Precision System