

# CNC Routers



**We think Laser**



# For Material Processing

# Standard Woodworking CNC Routers



<b>Standard Woodworking CNC Routers</b>	
<b>Technical Parameter</b>	
Spindle Speed	0-24000RPM
Max. Rapid Travel Rate	33000mm/min
Max. Working Speed	25000mm/min
X,Y,Z repositioning Accuracy	±0.01mm
X,Y Resolution	<0.01mm
Warranty	One years
<b>Configuration</b>	
T-slot table with PVC Protection board	Available Models
3.2kw water cooling spindle	BA ROU 1325
3.7kw Fuling inverter	BA ROU 1530
450B Stepper motor	BA ROU 2030
Leadshine driver	BA ROU 2040
NCstudio control system	
Oil lubrication system	
Omron limit switch	
<b>Options</b>	

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## 4 Axis CNC Routers



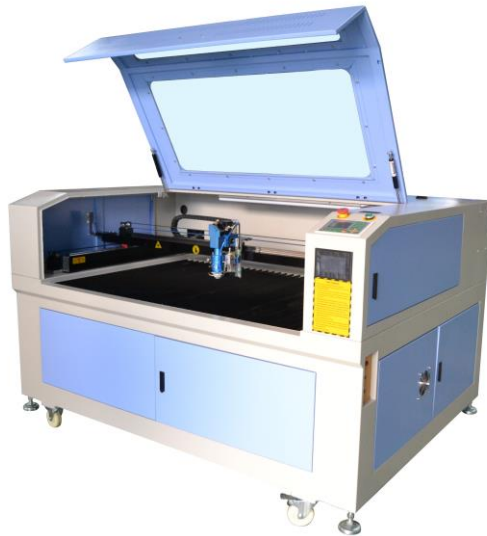
<b>4 Axis CNC Routers Technical Parameter</b>	
Spindle Speed	0-24000RPM
Max. Rapid Travel Rate	33000mm/min
Max. Working Speed	25000mm/min
X,Y,Z re-positioning Accuracy	±0.01mm
X,Y Resolution	<0.01mm
Warranty	12 months
<b>Configuration</b>	<b>Available Models</b>
Vacuum table + 5.5kw vacuum pump	BA ROU 1325/250
3.2kw water cooling spindle	BA ROU 1325/320
3.7kw Fuling inverter	
450B Stepper motor	
Leadshine driver	
NCstudio control system	
Rotary (D = 250mm or D = 320mm)	
Oil lubrication system	
Omron limit switch	
<b>Options</b>	

## Multi Process Router



<b>Multi Process Router Technical Parameter</b>	
Spindle Speed	0-24000RPM
Max. Rapid Travel Rate	33000mm/min
Max. Working Speed	25000mm/min
Re-positioning Accuracy	±0.01mm
X,Y Resolution	<0.01mm
Warranty	12 months
<b>Configuration</b>	<b>Available Models</b>
Vacuum table + 5.5kw vacuum pump	BA ROU 1325 3Head
3.5kw air cooling spindle	BA ROU 1325 4Head
3.7kw Fuling inverter	
450B Stepper motor	
Leadshine driver	
Original NCstudio control system	
Hiwin 25 square guide rails + Helical gear	
Oil lubrication system	
Omron limit switch	
T type heavy duty bed	
<b>Options</b>	

## Hybrid CO2 Laser Cutting for Metal and Non Metal



<b>Technical Parameter</b>	
Engraving speed 0-60000mm/min	0-60000mm/min
Cutting speed 0-40000mm/min	0-40000mm/min
Resetting positioning accuracy	≤±0.01mm
Resolution ratio	≤0.0125
Laser output	1-100% software setting
Min. shaping character English	1.0mm x 1.0mm
Warranty	12 months
<b>Configuration</b>	<b>Available Models</b>
Blade working table	BA HP 1390
CO2 laser tube 150W	BA HP 1325
Ruida control system	BA HP 2 1325
Stepper motor and driver	
Water chiller for laser tube cooling	
Belt and Hiwin square guide rails	
Auto focus cutting head	
Exhaust fan	
Air pump	
<b>Options</b>	
280 W / 300 W	
Double Head available on request	

## Mini CO2 Laser Cutting systems



<b>Technical Parameter</b>	
Laser - Type	Sealed CO2 laser tube
Laser Power	40W 60W 80W (optional)
Engraving Area	600mm x 400mm
Worktable	Motorized up down table
Whole Machine Size	1360*850*950mm
Engraving Speed	0-36,000mm/min
Resetting Positioning Accuracy	±0.05mm
Working Voltage	AC 110-220V±10%,50-60Hz
Gross Power	<1000W
Operating Temperature	0-45°C
Operating Humidity	5-95%
Minimum Shaping Character	English 1x1mm
Graphic Format Supported	BMP, PLT, DST, DXF, and AI
Driving System	stepper
Cooling Mode	Water-cooling and protection system
Auxiliary Equipments	Exhaust-fans, air-exhaust pipe
Controlling Software	DSP control system
Compatible Software	CorelDraw AutoCAD Photoshop
<b>Configuration</b>	<b>Available Models</b>
	BA WE 6040 60
	BA WE 6041 90

## Mini CO2 Laser Cutting systems



<b>Technical Parameter</b>	
Laser - Type	Sealed CO2 laser tube
Laser Power	40w 60w
Engraving Area	600mm x 400mm
Worktable	Manual up-down table
Whole Machine Size	950mm x 740mm x 450mm
Engraving Speed	0-48,000mm/min
Resetting Positioning Accuracy	±0.05mm
Working Voltage	AC 110-220V ±10%, 50-60Hz
Gross Power	<1000w
Operating Temperature	0-45°C
Operating Humidity	5-95%
Minimum Shaping Character	English 1x1mm
Graphic Format Supported	BMP, PLT, DST, DXF, and AI
Driving System	stepper
Cooling Mode	Water-cooling and protection system
Auxiliary Equipments	Exhaust-fans, air-exhaust pipe
Controlling Software	DSP control system
Compatible Software	CorelDraw AutoCAD Photoshop
<b>Configuration</b>	<b>Available Models</b>
	BA WE 600

# About Us .....



Dipl. Ing. Burkhard Baier  
CEO

BATEC SERVICES PVT LTD is a Indo-German company, based in Mumbai, the headquarter of business in India.

We are mainly dealing with instruments based on laser technology and also with Lasers and Photonics.



Abhinav Paliwal  
Director Sales

Our customers are from Pharmacy, Cement Industry, Food and Chemical Industry.

Our Products are High Technology from selected principals, mainly from Germany.



Ajay Bhutani  
Director Technology

We can offer :

- Excellent products
- Exellent Service network
- Skilled people with many years of experience in the mentioned technologies.