



ISO 9001-2008 Company

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**Gujarat Plyboard**  
INDUSTRIES

# CNC ROUTER MACHINE

*Wood Carving Solutions...*

HIGH RIGIDITY

IMPROVE  
EFFICIENCY

EASY OPERATION

WORKING SAFETY

IMPROVE  
PRODUCTION



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## 3-Axis Simultaneous Motioned CNC routers



### Available Materials To Cut:

Solid wood, soft wood, composite wood (OSB, MDF, LDF, etc.), Foam (EVA, Polystyrene, etc.), Plastic (ABS, Acrylic, PVC, etc.), veneer, Aluminium.etc.

### Available Materials to Engrave:

Solid wood, Soft wood, Composite Wood (OSB, MDF, LDF, etc.), Foam (EVA, Polystyrene, etc.), Plastic (ABS, Acrylic, PVC, etc.), Veneer. Aluminium.etc.

Marble, Granite, Sandstone, Artificial stone. Aluminum, Brass, Copper, Bronze, Mild Steel, Stainless. (Adding Oil mist cooling and Water shelter)

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## 3-Axis Simultaneous Motioned CNC routers

### Parameters- In Standard configuration

Working Area	X	1200 mm
	Y	2400 mm
	Z	120/200/300 mm
	Table Surface	Vacuumed T-slot
Transmission system	X	PMI Linear Square rail, Rack and Pinion
	Y	PMI Linear Square rail, Rack and Pinion
	Z	PMI Linear Square rail , Ball screw rod
	Power	3.00 kw / 3.5kw / 4.00 kw / 4.5 kw
Spindle	Rotating Speed	18000rpm
	Cooling Type	Air Cooling / Water Cooling (Italian HSD Spindle)
About drive systems	XYZ motors and drivers	Higher subdivision Stepper Motor
Machine body		Thick welded tubular steel / Square Body
Control Cabinet		Standing Metal Cabinet / Inside Machine Cabinet
Machine Switches		1 power switch, 1 Emergency switches
Control System		Handheld DSP Controller (RZNC)
Compatible file formats		G code ; *.u00 ; *.mmg ; *.plt .
Compatible CAD/CAM Software		Type3 / Artcam7.0 or 8.1/Castmate /Pro E/UG/Art grave.
Windows system		2000/XP/2007
Working Voltage		AC380v 3ph or 220v single phase
MaxAir Move Speed		35000mm/min
Resolution		0.01mm
Function of continue carving after break point /knife break/power off		YES
Precast of processing time and Automatic tool positioning setting		YES
Gross Weight		1200kg/1500kg
Accessory for each machine		Toolkit

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## 3-Axis Simultaneous Motioned CNC routers

### Benefits of CNC Router Machine

- ◆ Whole steel work frame , 6mm thickness bed, 10 mm thickness gantry beam. High Rigidity.
- ◆ Yadopt durable driving by synchronizing wheel consists of belt and gear shaft. Big power sub-division motors keep stable moving, improve your working efficacy.
- ◆ Adopt Handheld DSP controller with fast working precision, easy operation.
- ◆ It will start the work automatically at the point from which the power cut off. More intelligent.
- ◆ Using quality sensor switch, improve the machine working safety .
- ◆ Adopt Chinese best quality Stepper drivers, supply 35m/min air run speed. Improve production.

For Further details contact us now...

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