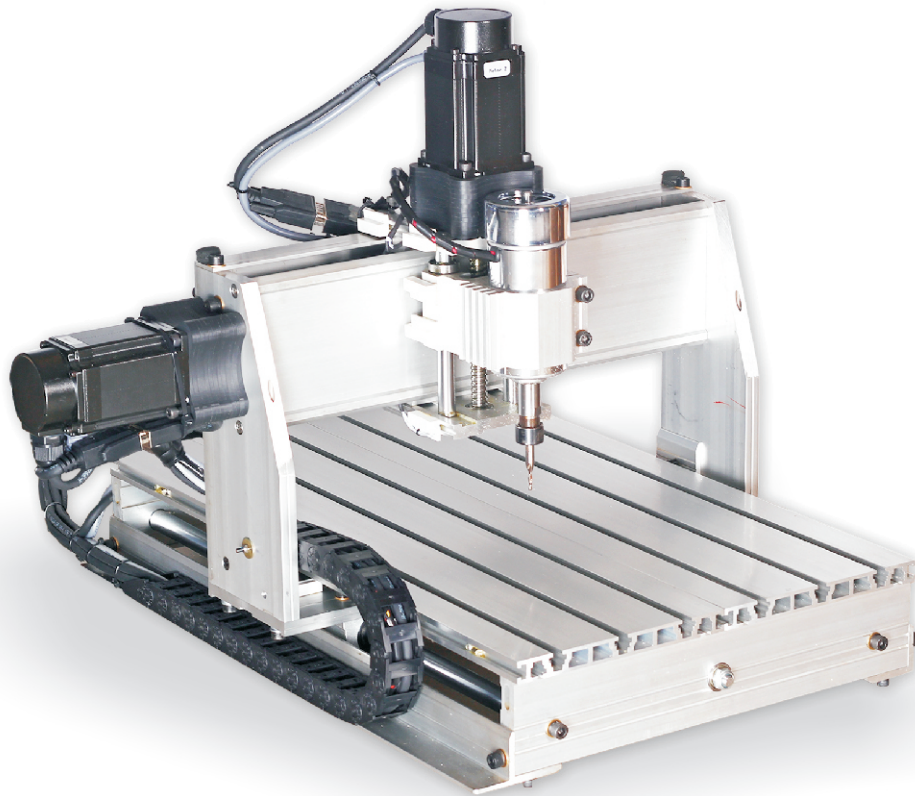




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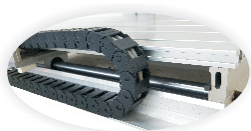


CNC ROUTER



FEATURES

- Available in 2 main variants - 300x400mm and 600x400mm
- Lightweight design with 12mm/16mm ball screws and hardened linear shafts and bearing.
- Made from 6061 and 6063 hard aluminum alloy special extrusions.
- Hybrid Step-Servo Motors for closed loop control, high accelerations and speeds.
- Accuracy of 0.05mm with repeatability of 0.02mm and rapid speeds upto 10000 mm/min on each individual axis.
- Control panel with 3 Axis CNC controller, SMPS, VFD/DC drive, Servo Controllers and switches.
- Cuts & engraves Wood,Bamboo,PCB,PVC,PMMA, Plastics,ABS etc..
- Engraves Gold,Silver,Copper,Aluminium,Pb etc.



SPECIFICATIONS

Frame size	CNC 300X400	CNC 600X400
Machine Dimensions	610x485x395mm	810x610x395mm
Working Area(X,Y,Z)	390x290x65mm	590x390x50mm
Spindle Collet	ER11	ER11
Rail Type	16mm Linear shaft + Bearing	20mm & 16mm Linear shaft + Bearing
Ball Screw	SFU 1204	SFU 1204 & SFU 1604
Repeatability	0.02mm	0.02mm
Spindle & Drive	48V DC 12,000RPM 300W with DC Drive	24000RPM 1.5KW AC & VFD Drive
Z axis Movement	60 mm	70 mm
Maximum Job Height	70 mm	105 mm
Engraving & Cutting Material	Wood,MDF,PCB,Plastics like PVC,PMMA, ABS etc.	Wood,MDF,PCB,Plastics like PVC,PMMA, ABS, Aluminum, Gold, Silver, Brass etc.

See our website <http://robokits.co.in/table-top-cnc> for more variants and details.



1.5KW AC SPINDLE



VFD INVERTER SPINDLE DRIVE



HYBRID SERVO MOTOR



CNC CONTROLLER



HYBRID SERVO DRIVE



BALL SCREWS



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