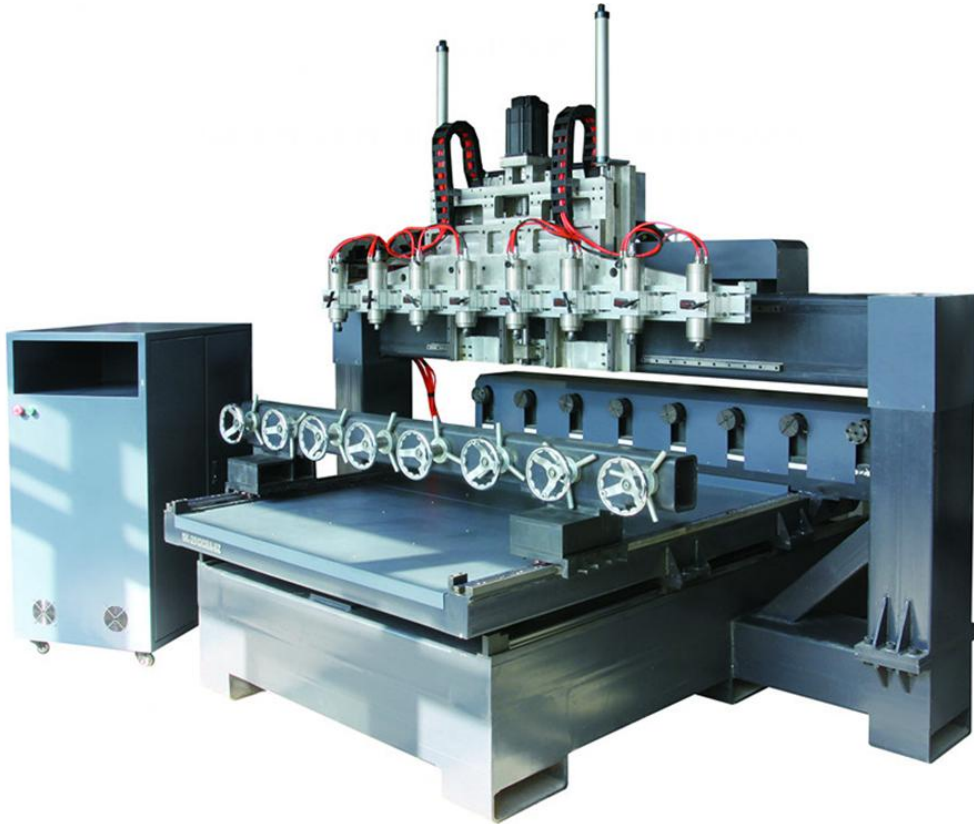




**ANHUI WILLIAM(VICUT) CNC TECHNOLOGY CO.,LTD**

## **Table Move Multiple Rotary CNC Wood Router**





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### Features

1. Using fixed-frame gantry column, with cement inside the steel tube, table move working mode instead of gantry move, ensure more stable and less vibration.
2. We use milling for machining the machine bed, for the area on which the linear guides, gear racks, and rotary belts boxes to be installed, to guarantee the parallels and perpendicularity/verticalness.
3. Adopted heavy-duty industrial seamless welded design, construction and welding anti-deformation finite element method, and low-temperature annealing by the CNC to ensure optimum strength and rigidity.
4. Configuring multi-adjustable machine feet touch the ground, easy to adjust the balance of the machine
5. With Z plate 900mm guarantee the stability and accuracy.

### Applications

**Material:** engraving and cutting wood sheet, PVC, ABS Sheet, aluminum sheet, brass, etc.

**Field:** used in carving kinds of cylinders, irregular objects, such as European style furniture, stairs, handrails, Buddha, etc.



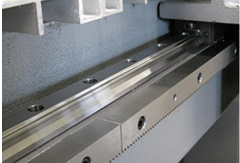
### Technical Parameters

Model	VCT-TM2520R-8H	VCT-TM2512R-12H
Dimensions	2500 x2400mm(8.2'x7.9')	2500 x1600mm(8.2'x5.2')
Spindle Power	air cooling 2000W×8PCS	Water cooling 2200W×12PCS
Inverter Brand	Schneider/Fuling	
No. Of Rotary	8 PCS	12PCS
Rotary transmission	One hybrid servo motor drive one rotary with Belt box transmission	
Motors & Drivers	XYZ axes use Panasonic/Schneider servo motor, A axis use hybrid servo	
3D Rotary Working Size	2m(length)*250mm(rotary diameter)	1.2m(length)*250mm(rotary diameter)
Air Cylinder Support	Yes (300MM long air cylinder)	
Oil Lubrication system	Yes	
Tool Diameter	4/6/8/12mm	
Body Structure	Heavy duty steel tube welding	
XYZ Transmission	XYZ TBI 4010 ball screw; XYZ PMI Imported Linear Square Rails	
Reposition Accuracy	<0.03/300mm	
Max Engraving Speed	15000mm/m	
Spindle Speed	6000~240000rpm	
Controller	4 axis NC Studio Controller with handle wheel( Use computer to control the machine)	
Format of instructions	G code or HPGL	
Voltage	380V/60Hz or 220V/50HZ*	
Weight	Around 2800KG	
Packing size	5000×2200×2200mm(24.2CBM)	2700×2200×2200mm(13.1CBM)



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### Details


Seq.	Picture	Detail Instruction
1.		<b>Base Frame:</b> The heavier base frame is made of heavy-duty tubular steel that is welded, fixed with the precisely machined by gantry milling machine and stress relieved by vibration device so that the foundation remains true and steady over the operational life of the machine, meantime guarantee the working stability and working accuracy.
2.		<b>Multiple Cooling Spindle:</b> Multiple spindles for mass processing on solid wood, MDF, acrylic, aluminum and plastics, etc; we offers different spindle options which available with 220V-2 Phase-50-60Hz or 220V-3 Phase-50-60Hz or 380V, 3Phase-50-60Hz. Tools diameter are 3.175mm, 4mm, 6mm, 8mm and 12.7mm.
3.		<b>Ball screw transmission:</b> We use precision TBI ball screw 4010 for XYZ AXIS, ensures high accuracy.
4.		<b>Rotary transmission:</b> with 5M belts transmission, accuracy can be kept for long time until belts broken accuracy also can be adjusted. We can change the belts easily. Use 1 hybrid servo motor support 1 rotary device, easy maintains and more powerful
5.		<b>NC Studio 4 AXIS Controller:</b> 85A model. PC based NC Studio Controller with friendlier Human& machine interface/HMI, fully executed with computer. It well realizes high-speed and high-precision motion control.
6.		<b>Square rails:</b> PMI linear guide square rails for XYZ axis, carefully installed and regulated by experienced worker with special purpose instrument, and this assures smooth motion and long term reliability.
7.		<b>Rotary Axis:</b> Available with different cylinders, irregular objects, crutch and cylinder crafts with various diameters; we can put different number of rotary axis according to specified requirement.



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8.		<b>Motor and Driver:</b> we use 4 sets Panasonic /Schneider servo motors and drivers, including 1 sets support 8 rotary,3 motors for XYZ axis.
9.		<b>Central oil Lubricator:</b> Easier to lubricate the Guide units regularly, just pull it gently and oil will go when it is needed.
10.		<b>Control Cabinet:</b> All the electrical components are housed and wired in a mobile, double door electrical enclosure. This allows for easy access and service when needed. Every wire is tagged so that when service is required, the customer can easily navigate the cabinet.
11.		<b>4 AXIS Software:</b> You can use power-mill software to make processing of 3D files, which was scanned with 3D scanner. We can make 4 axis movements(AXYZ axis can move at the same time).
12.		<b>Strong rotary holder and handle wheel</b> to adjust the size of the rotary. The holder can be micro-adjusted for work pieces.

### Extra Optional Parts

Seq.	Picture	Detail Instruction
1.		3D Scanner: with the 3D scanner you can scan any objects which you want to make by machine, input the scan file generated by scanner to computer, and process it with post processor software, saved it as G code which can be recognized by CNC router.



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2.		<p>Control cabinet with air conditioner: the air conditional installed on the control cabinet, ensure the machine can be used in tropical area countries to reduce the temperature inside of the cabinet, avoid damage of the electric components</p>
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**WORKING SAMPLE**

**ROTARY CNC ROUTER**

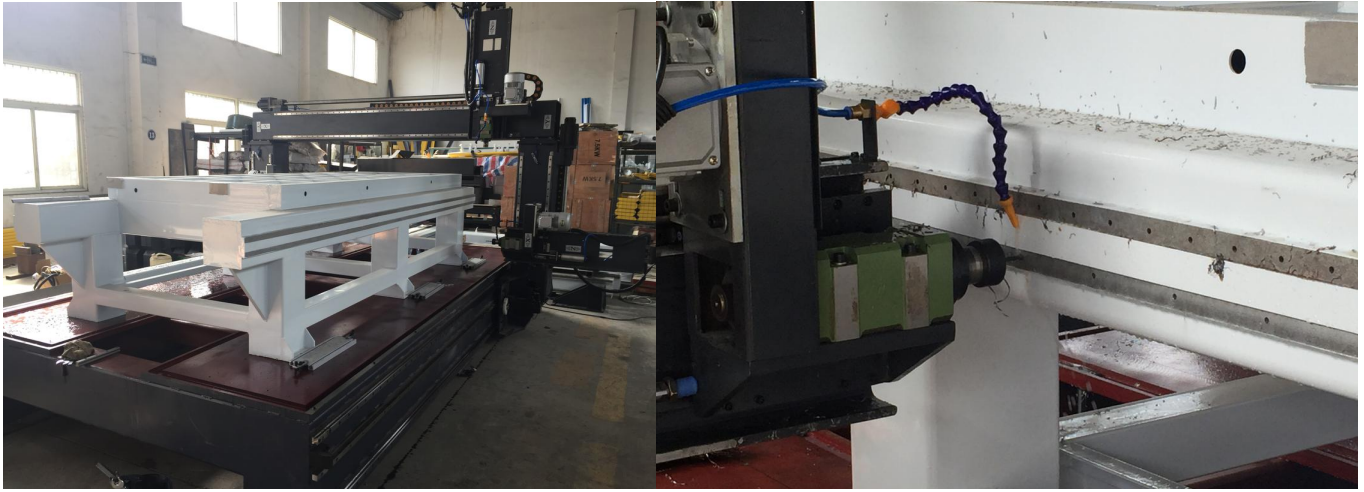


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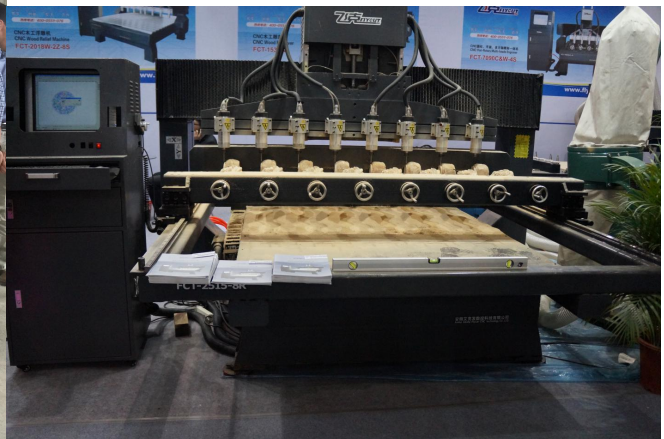
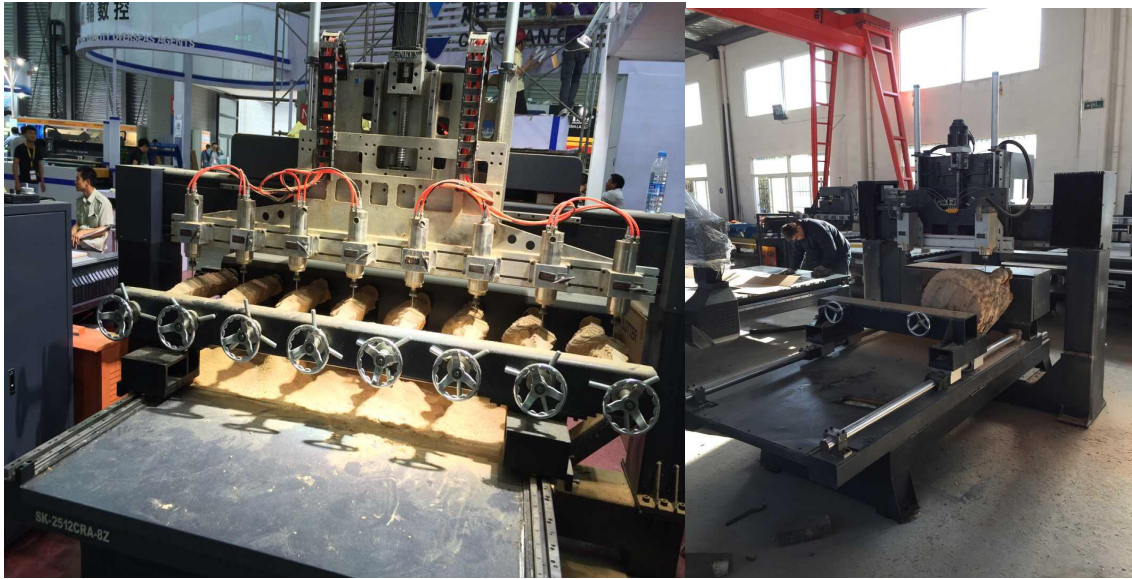
**Factory View**



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### Packing Photos

