



ANHUI WILLIAM(VICUT) CNC TECHNOLOGY CO.,LTD

ASC CNC Router (Auto Spindle Changer)



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Features

1. Auto Changing Spindle system. With 2/3/4 tools available for working in high efficiency for complicated machining in one time.
2. It is available for cutting, milling and 3D engraving.
3. XY axis use PMI square rails, Z axis use high accuracy ball screw transmission.
4. Driving motors are high accuracy stepper motor match with Lead shine driver.
5. Private customized: specifications, color, design. OEM is available.

Applications

Materials: wood , Plywood, MDF,PVC, acrylic, ABS , foam, aluminum , brass, etc.

Field: used in making furniture (such as doors, windows, kitchen cabinet, closet) and sign making.

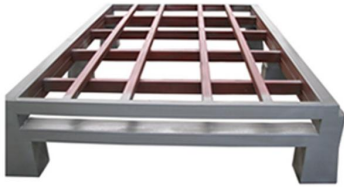
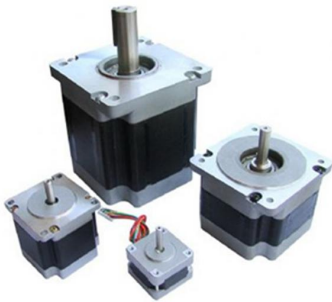
Technical Parameters

Model	VCT-1325ASC2	VCT-1325ASC3	VCT-1530ASC3
Dimension	2200 x 3100 mm 7.2'x10.2'	2200 x 3100 mm 7.2'x10.2'	2500 x3600mm 8.2'x11.8'
Working Size	1300 x 2500 x 180mm (4.26' x 8.2' x 0.5')	1300 x 2500 x 180mm (4.26' x 8.2' x 0.5')	1500 x 3000 x 180mm (4.92' x 9.84' x 0.5')
Spindle Power	water cooling 3KW x 2PCS	air cooling 4.5KW x 3PCS	air cooling 4.5KW x 3PCS
Diverging motor	stepper Motor (servo motor is optional)		
Tool Diameter	4,6, 8, 12mm		
Structure	Heavy duty steel tube welding		
Transmission	XY axis gear rack, Z Axis high accuracy ball screw		
XYZ Guiding Rails	PMI square rails		
Machining Accuracy	<0.03/300mm		
Engraving Speed	15000mm/m		
Spindle Speed	6000~240000rpm		
Controller	NC Studio controller(DSP is optional)		
Support File	G code or HPGL		
Voltage	AC220V/50HZ or 380V/60Hz		
Net Weight	1600KG		1900KG
Packing size	3860x2230x1900mm(16.35CBM)		4360x2230x1900mm (18.47CBM)



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Details

Seq.	Picture	Detail Instruction
1.		Base Frame: The base frame is made of heavy-duty tubular steel that is welded, 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. With sand inside to increase the machine weight.
2.		Interactive Spindles with dust skirts: Three air-cooled spindles of different powers-5.5kw/4.5kw/3.7kw, each spindle is driven by a Cylinder for quick lift, three interactive tools of different sharps can be applied in every single process. Switchable structure dust skirts for your convenience to load tools, easy to remove the dust completely.
3.		Controller: NC Studio controller. PC based Controller with friendly human-computer interface/HMI, fully executed with computer. It can realize high-speed and high-precision motion control.
4.		Stepper Motor: High-power stepper motor & gear wheel with outstanding wearability and resistance to impact, powerful and fast machining realized with synchronous double motors mounted on Y axis.



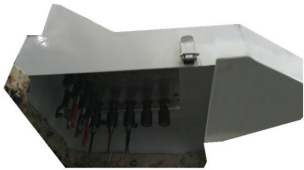
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5.		Electric Cabinet: Computer and all the electrical components are housed and wired in a mobile, double door electrical enclosure. This allows for easy access and service when needed. Every wire is tagged so that when service is required, the customer can easily navigate the cabinet.
6.		Gear Rack and Linear Guide: We use precision gear racks for XY axis, ensure high speed without vibration. XYZ use PMI or HIWIN square rails to guarantee the high accuracy.
7.		Automatic Central Lubricator: Easier to lubricate the Guide units regularly.
8.		Tool Sensor: tool length calibrated and recorded in system automatically, allows for easy and accurate "Z" zero position for single tool or multiple tools changing through the program, saves time & error-free.
9.		Photoelectric Limit Switch: Un-touching, more sensitive and durable than traditional mechanical switch, maintenance-free for long term use.



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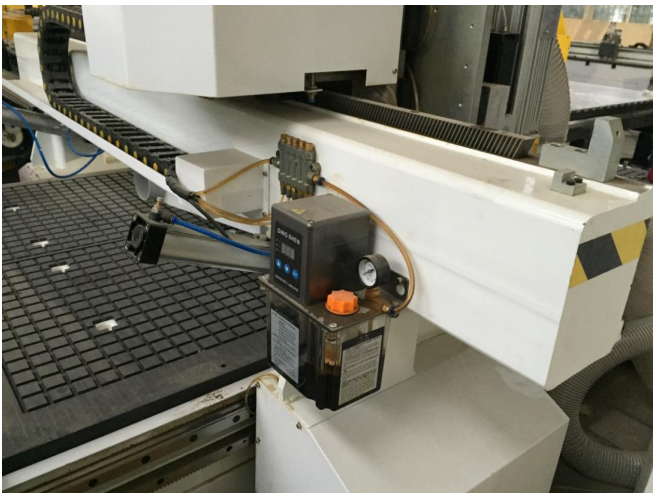
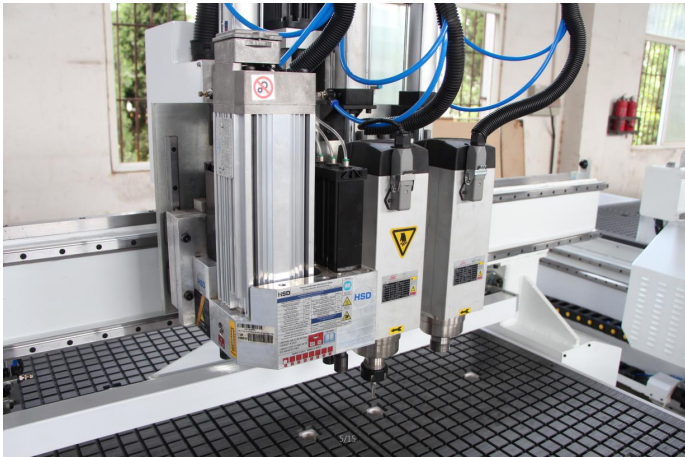
Options

Seq.	Picture	Detail Instruction
1		Vacuum table and air cooling vacuum pump: The vacuum table multi-zoned which allows the operator to easily switch from full sheet processing to smaller part, gaskets can also be routed to accommodate various material sizes and styles. We put aluminum alloys beside the vacuum table if need to use clamps to fix materials.
2		HSD Drilling head: it has 9 drilling head to realize high efficiency drilling , suitable for processing panel furniture.
3		Control cabinet with air-conditioner: the air-conditioner installed on the control cabinet, ensure the machine can be used in tropical area to reduce the temperature inside of the cabinet, avoid damage of the electric components.
4		Water tank and water cooling system: for cooling the cutting tools when processing aluminum and copper and other metal or marble.
4		Design software: the professional design software (Type 3, UcamcamV10, Artcam,etc.) is special for making 2D/3D drawing, saved it as G code which can be recognized by CNC router.



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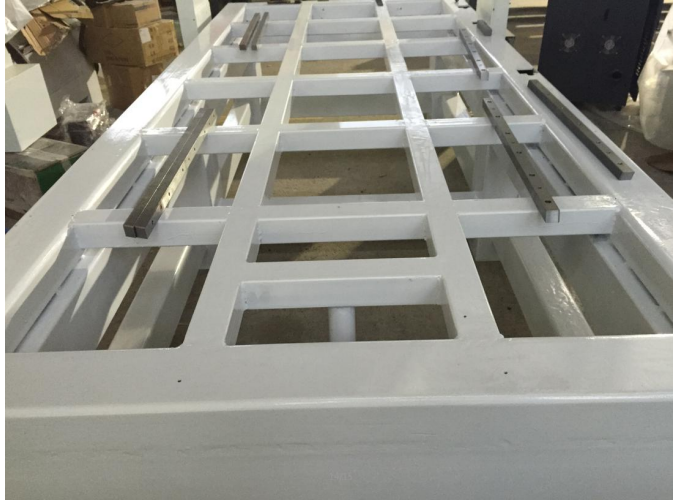
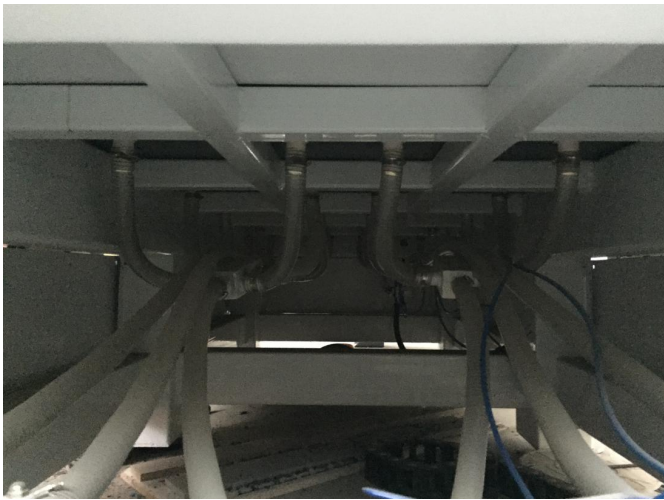
More Picture



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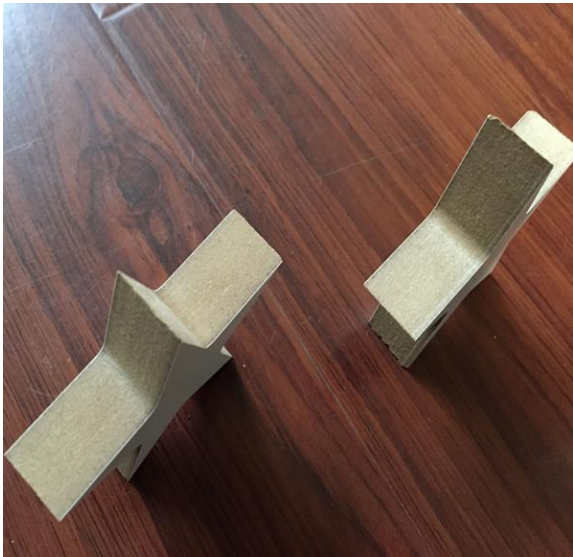


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Working Sample

MDF



Acrylic



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Aluminum



Wood



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Our factory



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Package



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