



ANHUI WILLIAM(VICUT) CNC TECHNOLOGY CO.,LTD

Panel Furniture Machining CNC Center



Features

- 1.Designed for manufacturers of panel furniture, dedicated for cutting, carving, milling, grooving, drilling on cupboards, wardrobes ,shoe racks, shelf, office furniture, custom furniture of mass and customized production.
- 2.The machine follows a multi-purpose machine design principle, the pneumatic chucking, vacuum table can save on labor costs and production time for feeding and chucking.
- 3.Powerful CNC nesting software can automatically generate cut lists, CNC machining bar code, all the hardware installation holes and layout .
- 4.OEM service is available.

Application

Material: wood,MDF,Plywood, PVC, ABS Sheet, aluminum sheet, brass, etc.

Field: Panel furniture, wardrobe cabinets, office furniture, custom furniture

Technical Parameter

Model	VCT-P1325ATC
Dimension	4M x 10M (13'x32.8')
Working Size	1300 x 2500 x 200mm(4.3x8.2 x0.66ft)
Spindle Power	(12HP) Italy HSD 9KW air-cooled spindle
Spindle Speed	RPM6000-24000




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Driving System	Japan Yaskawa servo motor with Japan SIMPO reducer
Base Structure	thick steel tube welding
Machine Table	Vacuum inhaling table, dust collector
Transmission	Taiwan YYC Helical gear rack, Z axis high accuracy TBI ball screw
Guiding Rails	PMI square rails with oil lubrication system
Machining Accuracy	<0.03/300mm
Max. Working Speed	24000mm/minmute
Controller system	Taiwan Syntec control system
Voltage	AC 380V/60Hz
Weight	3000kgs
Packing size	3.6*2.25*2.1m/3.25*1.65*1.2m(23CBM)

Machine 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 steady over the operational life of the machine. With sand inside to increase the machine weight.
2		HSD air-cooled ATC spindle is a leader in the machining of wood, aluminum and plastics. The 9KW/12HP spindle is characterized by its' extremely high reliability and fully programmable speeds from 6000 to 24000 RPM, it comes complete with pneumatically retractable vacuum hood, standard ER collets and ISO 30 tool holders. Each mechanical, pneumatic and electronic component undergoes a double testing phase that guarantees optimum quality standards.
3		Tool station: Rotary ATC 8/10pcs tools station on the X gantry: Tools rotate and move together with spindle motor on the X gantry, makes changing tools more fast and save cost, changing tools within only 2 seconds.


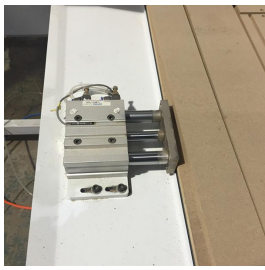
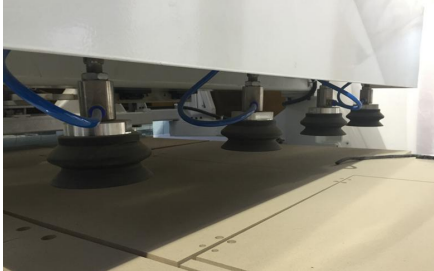


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4		<p>Controller: Taiwan Syntec controller special for ATC CNC, with MPG for high accuracy positioning. It is capable of USB flash drives and is very easy for users to do wiring and can save a lot of time. It supports 4 servo axes + 1 spindle, simultaneously interpolated axes can be 4 axes, and it has power failure protection function.</p>
5		<p>Servo Motor: High-power AC Yaskawa Servo motor & direct drive planetary Gearbox, the structure maximizes the tensional moment when motor power is rated, it is for high load and smoother machining; it offers long-term maintenance-free solution.</p>
6		<p>Linear Square Guide: 25MM PMI linear square guide, it is an ultra-heavy type that achieves a deep grooved raceway with its diameter more approximate to the ball diameter and has high rigidity, vibration and shock resistance, and damping characteristics, which are required for machine tools.</p>
7		<p>Vacuum table and pump: Fully zoned vacuum table which allows the operator to easily switch from full sheet processing to smaller part processing. Zones can be turned off easily with the switches on the front of the machine. Gaskets can also be routed to accommodate various material sizes and styles. Air cooling vacuum pump offers enough power to hold the material on the vacuum table.</p>
8		<p>Electric Cabinet: 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 the customer can easily check the cabinet.</p>



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9		Auto feeding and discharging system: it can feed the material automatically and discharge it when the processing finished, saving time and manpower.
10		Air cylinder: Air cylinder on the working table can hold and fix the processing materials during working time, ensuring the correct position.
11		Suction cup: the material can be fixed by this device, moving easily and quickly.

Extra Optional Parts

1		Professional Furniture Design Software Polybaord: Up to 5 times faster than drawing by hand or with CAD. Automatic and instant plans, cut lists and CNC output. One click editing, all documents are updated in real time. Error free cut lists and plans every time. Present all your projects in stunning 3D and get instant quotes and detailed prices. The ideal solution for small to medium workshops, industrial manufacturers, designers and architects.
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Working Samples



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MORE FACTORY PHOTOS



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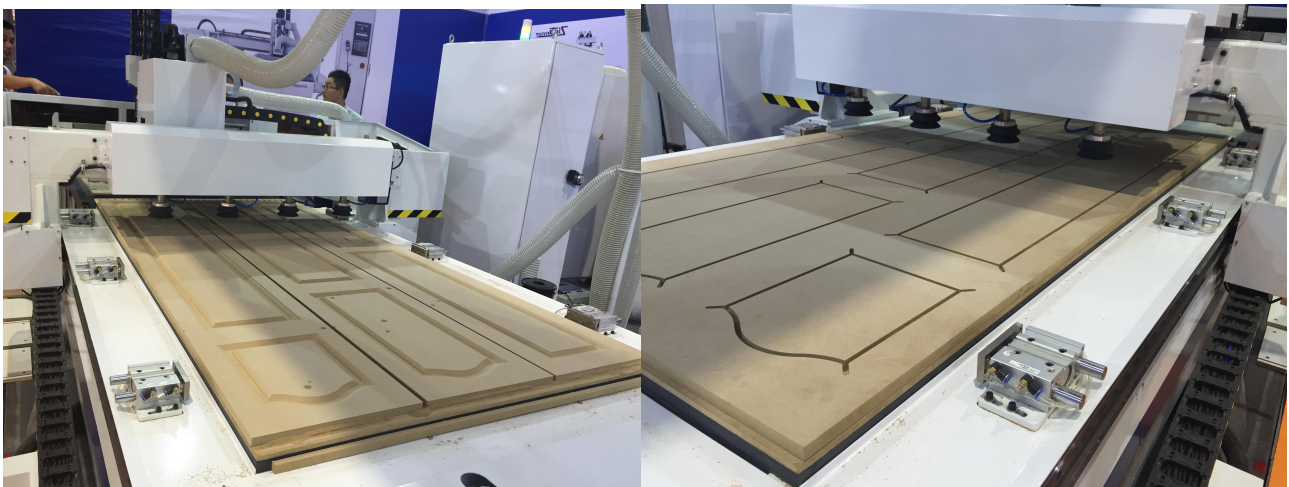
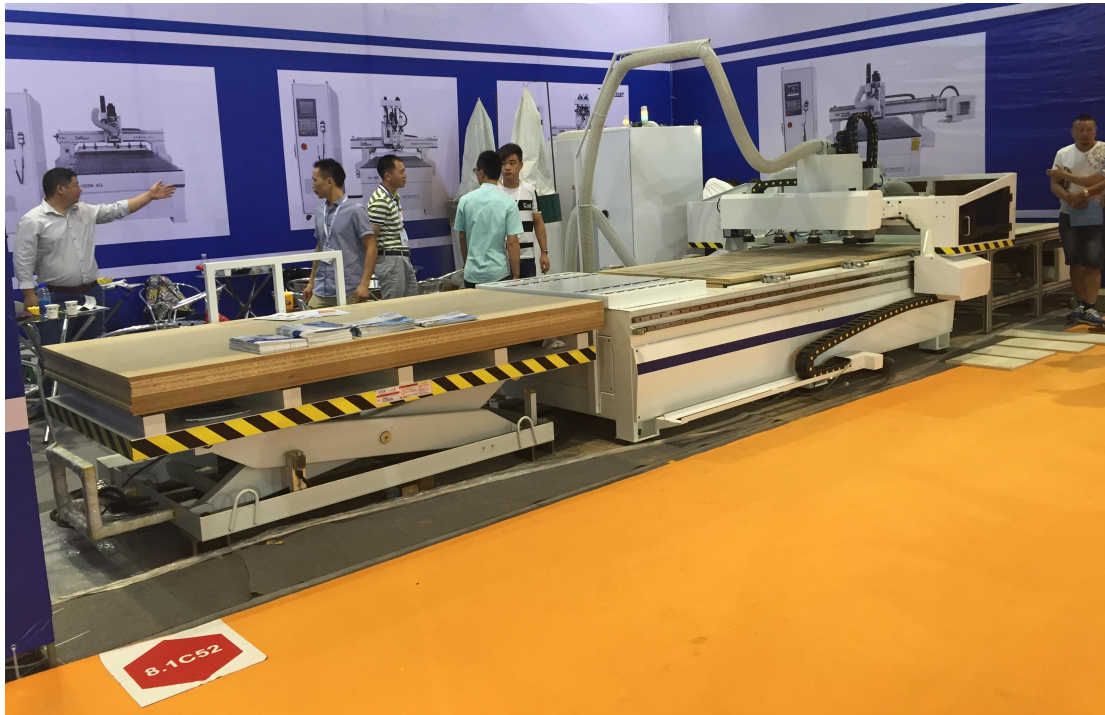


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Photos on Exhibition



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Packing Photos

