



ANHUI WILLIAM(VICUT) CNC TECHNOLOGY CO.,LTD

Highlight Acrylic Letter Machining CNC Center





ANHUI WILLIAM(VICUT) CNC TECHNOLOGY CO.,LTD

Features

1. Using gantry fixed and movable working table design, ensure more stable and less vibration
2. Adopting Heavy-duty industrial seamless welded design , anti-deformation finite element construction and welding and low-temperature annealing by the CNC center to ensure optimum strength and rigidity.
3. Configuring adjustable machine feet , easy to adjust the balance of the machine.
- 4.OEM service is available.

Applications

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

Field: mainly used in sign making industry, such as: Mini word processing, acrylic luminous characters, high-end advertising word, etc. Also for other industries: building models, plastic and wood models, musical instruments, three-dimensional surface processing.

Technical Parameters

Model	VCT-TM1313ATC	VCT-TM2513ATC
Dimension	1540 x 1520mm 5.04'x4.98'	2500 x 3200 mm 8.2'x10.5'
Working size	1270 x 1270 x 200MM (4.2'x4.2' x 0.67')	2440 x 1270 x 200MM (8'x4.2' x 0.67')
Transmission	X,Y,Z high precision import ball screw	
Guiding rails	Taiwan PMI linear guide rails	
Max speed	20000mm/Min	
Repeat precision	0.025mm	
Spindle motor	5.5KW Chinese air cooling ATC spindle (9KW Italy spindle is optional)	
Tool stock	4-10pcs(for ATC spindle)	
Tool sensor	Equipped with an automatic surface detector	
Working table	fully zoned vacuum table	
Driving motor	Panasonic servo motor	
Controller	NC studio or Taiwan Syntec professional CNC controller system	
Packing size	2.1 x 2.2 x 1.7m(7.9CBM)	3.15 x 2.2 x 1.75m(12.2CBM)
Weight	1800KGS	2500KGS



ANHUI WILLIAM(VICUT) CNC TECHNOLOGY CO.,LTD

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 true steady over the operational life of the machine. With sand inside to increase the machine weight.
2		ATC Spindle: Italy ATC spindle is a leader in machining wood, aluminum and plastics. It is characterized by its extremely high reliability and fully programmable speeds from 6000 to 36000 RPM. It comes completely with pneumatically retractable vacuum hood. Each mechanical, pneumatic and electronic component undergoes a double testing phase that guarantees optimum quality standards.
3		Tool station: 4/6/8pcs tools station on the back or side, changing tools within only 2 seconds.
4		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.






ANHUI WILLIAM(VICUT) CNC TECHNOLOGY CO.,LTD



5		<p>Servo Motor: High-power AC Panasonic Servo motor & direct drive planetary Gearbox, this structure maximizes the tensional moment when motor power is rated, it is for high load and smoother machining and 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>Central Oil Lubricator: Easier to lubricate the Guide units regularly.</p>
9		<p>Mist sprayer cooling system: Use alcohol or other coolants to spray mist to the tools during cutting, which makes the cutting edge smoother and protect the cutting tools.</p>



ANHUI WILLIAM(VICUT) CNC TECHNOLOGY CO.,LTD

10		Tool Sensor: Automatic tool length calibration and registration, it allows for easy and accurate “Z” zero position for single and multiple tool changes through the program, saves time & error-free.
11		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 when service is required, the customer can easily navigate the cabinet.
12.		Design software: the professional design software (Type3, UcamV10, Artcam, etc.) is special for making 2D/3D drawing, saved it as G code which can be recognized by CNC router.

Standard Free Parts List




Seq	Item	Photo	Detail
1	Cutting Tools		16pcs cutting tools for processing different materials.
2	Limit switch		2pcs electronic limit switches for free



ANHUI WILLIAM(VICUT) CNC TECHNOLOGY CO.,LTD

3	Clamps		Fix the material on the aluminum alloys on the working table;
4	Collect		4pcs collect for different size cutting tools, 4mm, 6mm, 8mm, 12mm.
5	Spanner		4pcs different size spanner for install different size collects.

Extra Optional Parts:

Seq.	Picture	Detail Instruction
1		Rotary ATC on the X gantry: Tools rotate and move together with spindle motor on the X gantry, makes changing tools more fast and save cost.
2		Dust collector: Switchable structure with dense skirts for your convenience to load tools, easy to remove the dust completely.
3.		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



ANHUI WILLIAM(VICUT) CNC TECHNOLOGY CO.,LTD

Working Samples



www.CNCVICUT.com



ANHUI WILLIAM(VICUT) CNC TECHNOLOGY CO.,LTD



www.CNCVICUT.com



ANHUI WILLIAM(VICUT) CNC TECHNOLOGY CO.,LTD



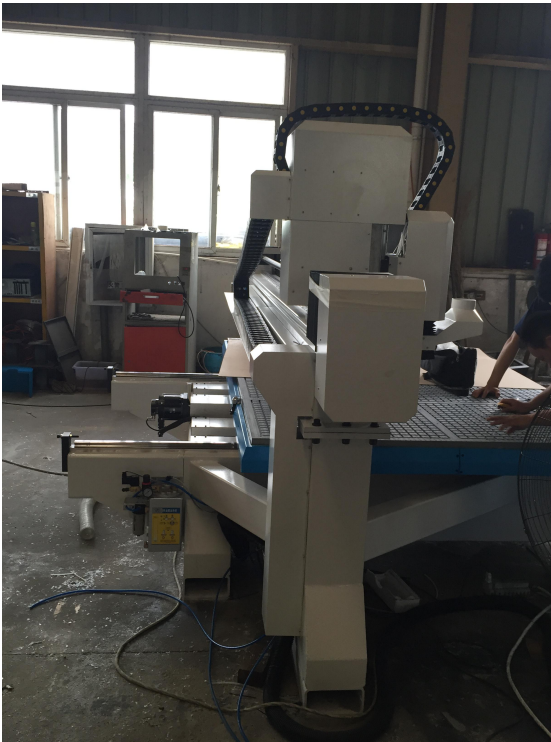
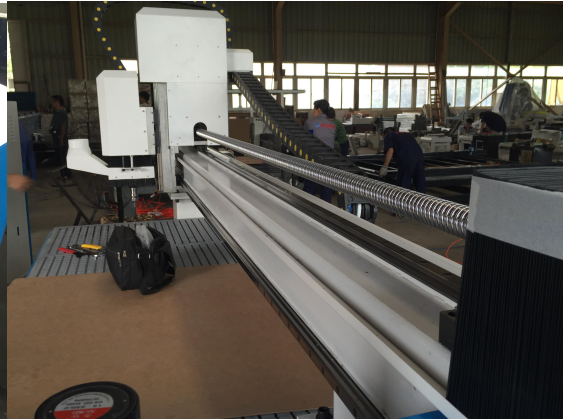
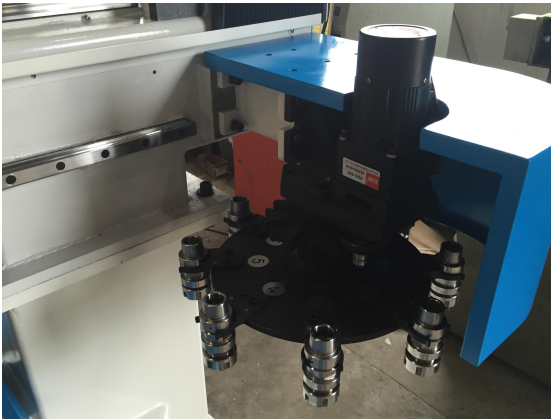
More Photos



www.CNCVICUT.com



ANHUI WILLIAM(VICUT) CNC TECHNOLOGY CO.,LTD



www.CNCVICUT.com



ANHUI WILLIAM(VICUT) CNC TECHNOLOGY CO.,LTD



PACKING PHOTOS



www.CNCVICUT.com