



ANHUI WILLIAM(VICUT) CNC TECHNOLOGY CO.,LTD

CNC Stone Engraving Machine



Features

- 1- Heavy duty machine body ensures machine working more stable and keeps high accuracy. Suitable for processing heavy stone
- 2- Big power stepper or servo motor, drives the movements of XYZ axis, adopts gear rack for XY axis, ball screw for Z axis, and improves the working speed with high accuracy.
- 3- Water sprayer cooling system and stainless steel water tank is special for milling on different kinds of stone and soft metal with powerful water cooling spindle.
- 4- Feeding roller makes heavy materials loading and unloading more convenient.
- 5- OEM service is available

Applications

1. Stone marking and soft metal engraving, such as working on Lava, Marble, Jade, Sand Stone Basalt, Aluminum, Floor Tile, Copper, Brass etc.
2. Other material: wood, acrylic, PVC, MDF, ABS board and other nonmetal materials.

Technical Parameter

Model	VCT-1325SD	VCT-9015SD	VCT-2520SD-2Z-2H	VCT-2018SD-2Z-2H
Machine Dimension	1900x3100x1600mm (6.23x10.17x5.25ft)	1500x2100x1600mm (4.92x6.89x5.25ft)	3100x2600x1600mm (10.17x8.53x5.25ft)	2600x2400x1600mm (8.53x7.87x5.25ft)
Working Size	1300 x 2500 x 180mm	900 x 1500 x 180mm	2500x2000x180mm	2000x1800x180mm



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	(4.3 x8.2 x0.59ft)	(3.0 x4.9 x0.59ft)	(8.2 x6.6 x0.59ft)	(6.6 x5.9 x0.59ft)
Spindle Power	4.5KW	3 KW	4.5KW x 2PCS	4.5KW x 2PCS
Driving Motor	big power stepper motor	big power stepper motor	big power stepper motor	big power stepper motor
Tool Diameter	4,6, 8,12.7mm			
Body Structure	thick steel tube welding			
Transmission	high precision gear rack for X,Y axis, TBI ball screw for Z axis			
XYZ Guiding Rails	Taiwan PMI square rails			
Machining Accuracy	<0.03/300mm			
Max Engraving Speed	12000mm/m	12000mm/m	15000mm/m	15000mm/m
Spindle Speed	6000~24000rpm			
Controller	DSP Handle with USB (NC studio is optional)			
Supporting file format	G code or HPGL			
Voltage	AC220V/50HZ or 380V/60Hz			
Weight	1500KG	1100KG	2500KG	2300KG
Packing size	3x2.1x1.68m 10.58CBM	2 x 2.2 x 1.68m 7.39CBM	3.6x2.2x1.68m 13.31CBM	2.5x2.2x1.68m 9.24CBM

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, the gantry supports are enhanced so that the foundation remains true and steady over the operational life of the machine.
2		Powerful spindle: water-cooling spindle performs powerfully and stably in machining on marble and soft metal, also with solid wood, MDF, acrylic, and plastics, etc.





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3		<p>Gear Rack and Square rail: high precision gear rack is installed and regulated for XY axis, assuring smooth motion and long term reliability. Taiwan PMI linear square guide for XYZ axis, it is an ultra-heavy type with high rigidity, vibration and shock resistance.</p>
4		<p>Ball Screw: TBI Anti-Backlash ball screws with 0.01mm repositioning accuracy. The combination of ball screw and gear rack guarantees high speed machining with accuracy.</p>
5		<p>Driving motor: High-power with outstanding wear ability and resistance to powerful and fast machining, it offers long-term maintenance-free solution. Stepper and servo motors are optional.</p>
6		<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 when service is required, the customer can easily navigate the cabinet.</p>
7		<p>Rich Auto DSP controller with English interface, a compact and durable DSP with 128M internal memory, it supports online file transfer with U flash memory. It is available with standard G code or HPGL, and has practical functions like faster calculation, stronger processing ability, break-point memory and power failure protection function, etc.</p>
8		<p>Water sprayer cooling system and water Tank: Water cooling system is a circular system by holding water with stainless steel table tank. It sprays water during machining, protecting cutting tools and making your job safer and cleaner.</p>



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9		Oil Lubricator: Easier to lubricate the Guide units regularly, just pull it gently and oil will go when it is needed.
10		Feeding roller makes heavy materials loading and unloading more convenient.



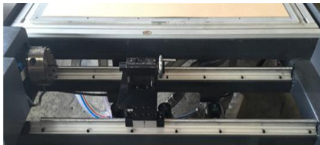

Standard Free Parts List

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



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Extra Optional Parts

Seq	Picture	Detail Instruction
1.		Tool Sensor: For 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.
2.		Side Rotary device: Equipped on the side of machine Y axis, it is used for cutting& engraving on cylinder objects.
3.		Back rotary: equipped on the back of X axis, it is used for cutting& engraving on cylinder objects.
4.		Design software : the professional design software (Type3, Ucancam V10) special for making 2D/3D drawings,saved it as G code which can be recognized by CNC router.



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Working Samples

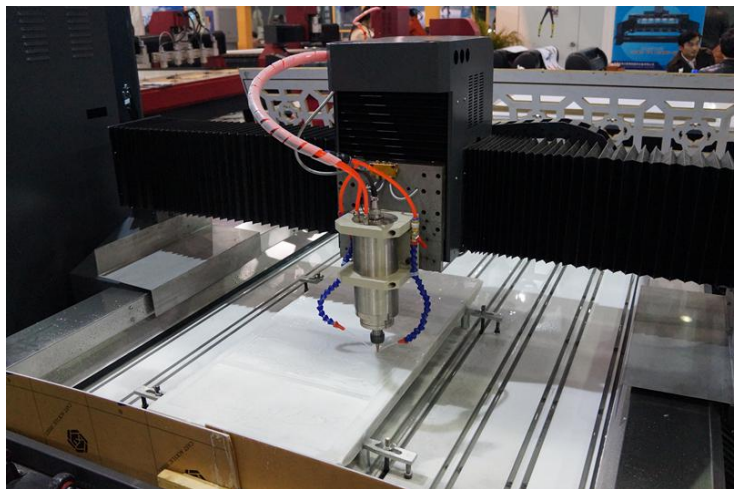
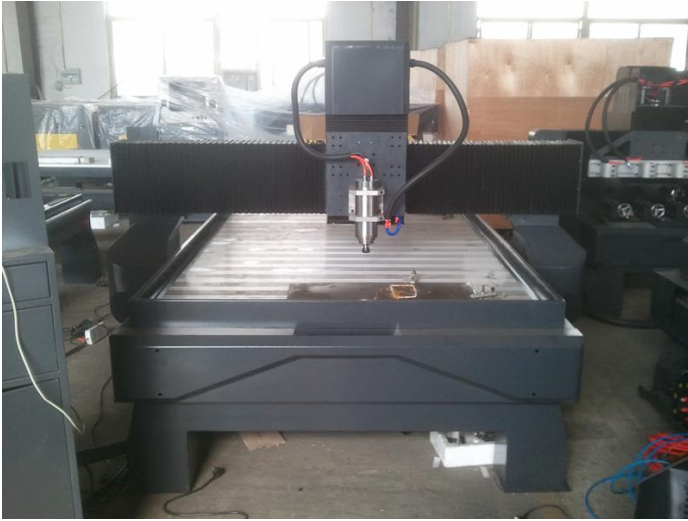


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More Photos of Machine



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Packing Photos

