ANHUI WILLIAM(VICUT) CNC TECHNOLOGY CO.,LTD

Mini Industrial CNC Router

Features

1. Integral cast-iron milling table which made by mold.
2. Rolling ball screw and linear guide from Taiwan.
3. Strong constructions, easy operation, and reliable performance.
4. 4540A/60406A: standard model without cover;
   4540C/60406C: 4540A/6040A + cover
   4540R/60406R: 4540/60406A/C+ Rotary axis

Applications

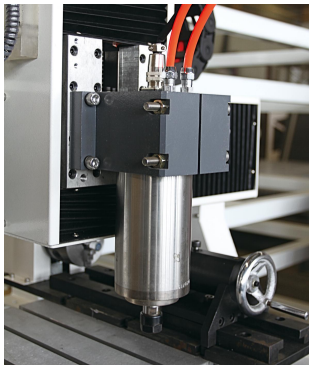
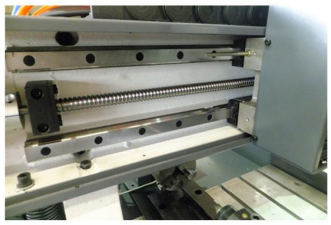
1. **Process materials:** aluminum, jade, stainless steel, copper, brass, acrylic, wood, marble.etc.
2. **Field:** Custom signage, name tags, asset tags, electric tags, awards, jewelry, gifts, parts marking, Mahjong making, PCB marking, soft metal craft, and much more.

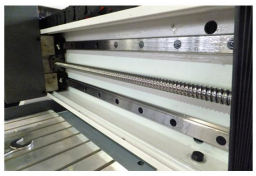
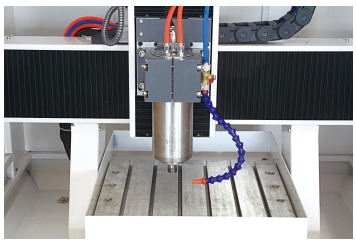
Technical Parameter

Model	VCT- 4540A/C/R	VCT-6040A/C/R
Machine Dimension	1350 × 1310mm (4.26’ ×4.26’）	1600x1310mm(5.25’x4.3’)
Working Size	450 ×400 × 90mm (1.48' ×1.3' ×0.3')	600 ×400 × 90mm (1.97’x1.31’x0.3’)
Spindle Power	800W/1500W high accuracy water cooling spindle/ 6000~24000rpm	
Control System	RichAuto DSP HANDLE A11 With USB (DSP A58 is optional)	
Transmission	XYZ Ball Screw & Linear Square rails	
Driving Motor	High precision 3-phase stepper motor (servo is optional)	
Max Engraving Speed	4500mm/min	
XYZ Resolution	0.0125mm	
File Format	G code or HPGL	
Weight	370/550/400KGS	420/600/450KGS

Packing Size	4540A(960x910x1600mm)1.40CBM 4540C(1530x1170x1740mm)3.11CBM 4540R(1150x1110x1600mm)2.04CBM	6040A(1110X1110X1800mm)2.21CBM 6040C(1620X1330X1950mm)4.20CBM 6040R(1300x1110x1800mm)2.60CBM

Machine Details

Seq.	Picture	Detail Instruction
1.		**RichAuto 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, breakpoint memory and power failure protection function, etc.
2.		**Spindle Motor:** High accuracy 800W/1500W water cooling spindle with different size collect, which can be available for different size cutting bits for different materials. Customer also can choose more or less powerful spindles.
3.		**Ball Screw Bolt Pole:** TBI quality bolt pole with diameter 16mm and re-positioning accuracy 0.01mm for X, Y, Z axis.
4.		**Fasten Nut for each screw** to eliminate the interval efficiently. Ensure the high accuracy of screw.

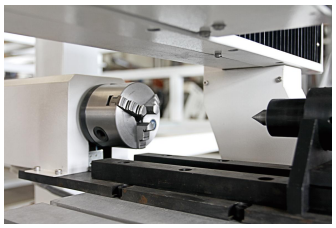
5.		**Motor and Driver:** Industry sub-divided stepper motor centered drive has outstanding wear-ability and offers long-term maintenance-free solution. It directly connects with ball screw. Leadshine or Yako stepper driver, good quality, can ensure maintenance-free for long term use.
6.		**Linear Square Guide:** PMI or HIWIN linear square guide for XYZ axis, which has high rigidity, vibration and shock resistance.
7.		**Water Cooling System:** 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.

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.

Extra Optional Parts

Seq.	Picture	Detail Instruction
1.		**Circular Chuck:** This item will be needed when you want to engrave or marking on round shape pieces, such as copper stamps, it can fix the working parts tightly during processing.
2.		**Removable Rotary Axis:** If you want to make a 3D job, engrave& marking on bottle, pens, or any other column items, this option will be necessary. We can make it removable on flat table, which make your job much more convenient. **(only optional for A&C series)**
3.		**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.
4.		**Design software:** The professional design software (Type 3, Ucancam V10, 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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Working Samples

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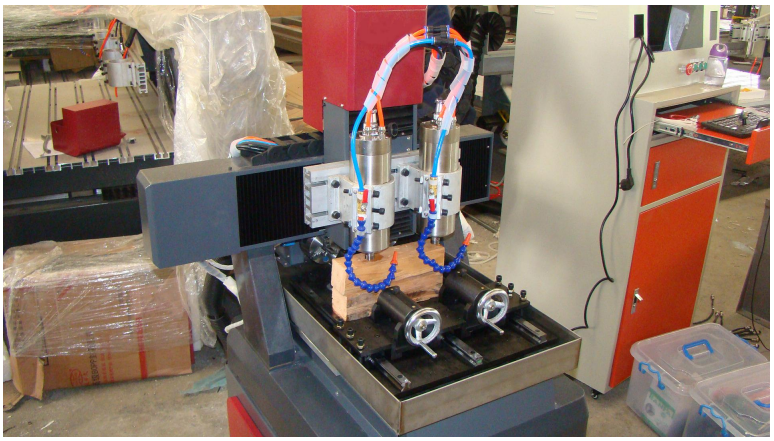
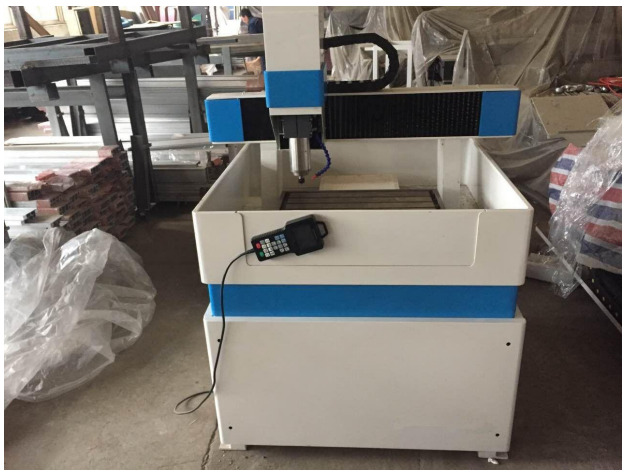
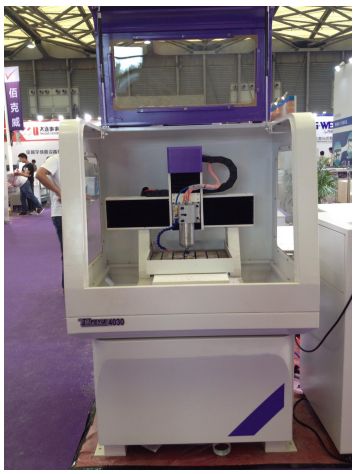
More Photos of Machine







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Packing Photos