

# ChinaCNCzone

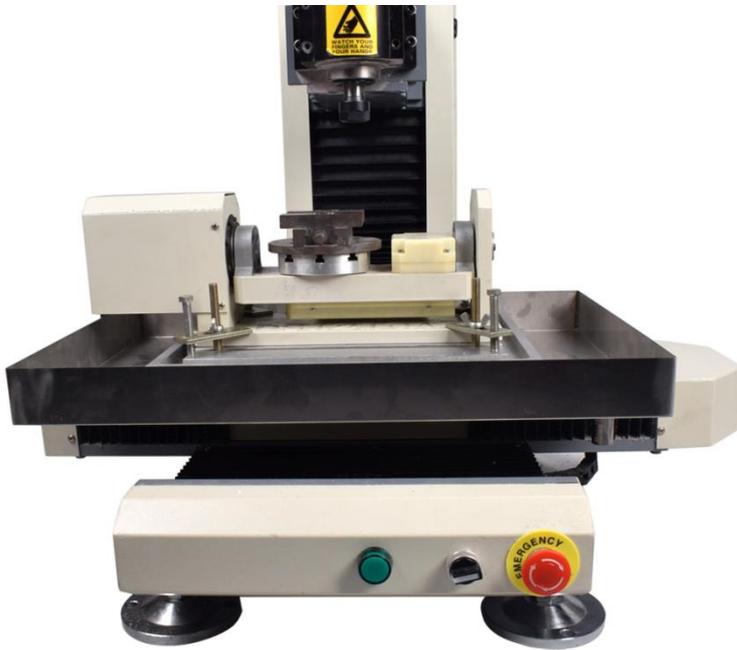
## Steel structure 3040 5Axis 2200W USB Mach3 router machine

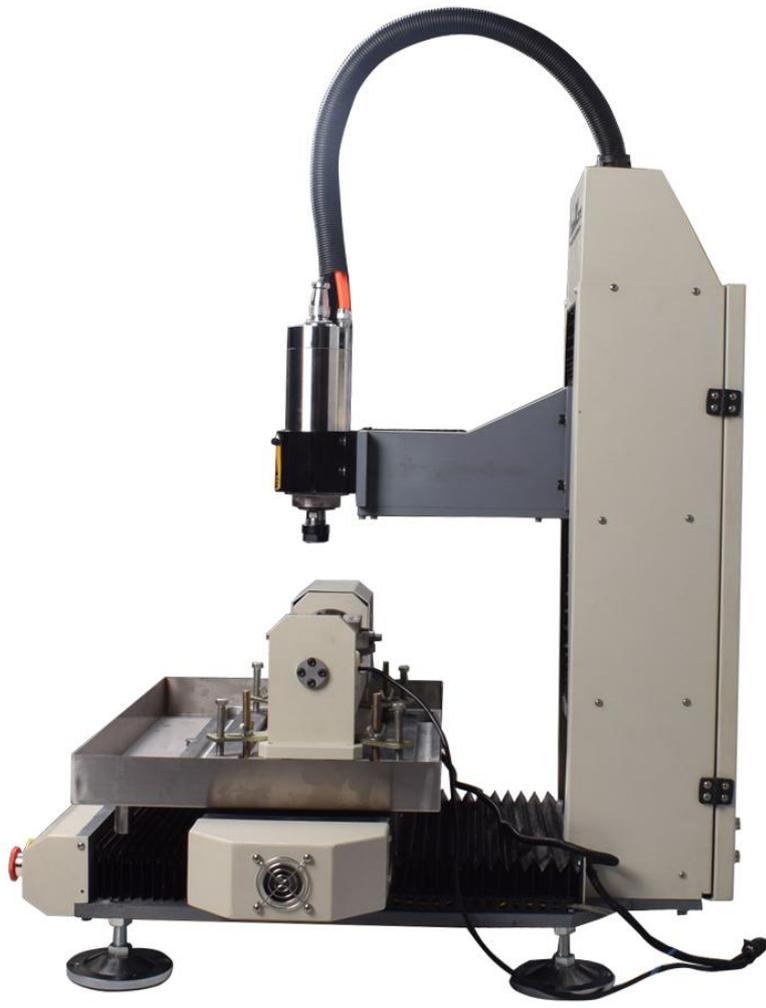
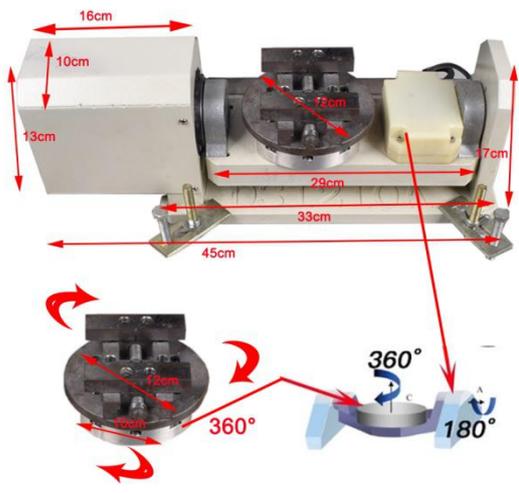


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## Highlights for steel frame 5axis 3040

1. XYZ all linear guide, high precision work on metal.
2. Steel machine frame, more stable, Stronger rigidity.
3. A、 B axis use Harmonic reducer, High processing progress.
4. Higher precision work on aluminum, Cooper, stainless steel(accuracy $\leq$ 0.05mm).
5. Machine frame fully enclosed structure design and was helpful to keep the accuracy of screw.

<b>Effective working travel (3axis)</b>		<b>400*300*250mm</b>
<b>Effective working travel (5axis)</b>		<b>120*120*150mm</b>
<b>Shape dimension</b>		<b>820*800*950mm</b>
<b>Working table dimension</b>		<b>400*300mm</b>
<b>Machine frame material</b>		<b>45#steel</b>
<b>Acceptable material size</b>		<b>400*300mm</b>
<b>Driving units</b>		<b>X/Y/Z Axis SFU1605 Ball srew C7 level</b>
<b>Sliding units</b>		<b>X/Y/Z Axis HGH20 linear guide</b>
<b>Control units</b>		<b>5pcs independent 542 step drive + MK6-V XHC motion controller</b>
<b>A/B axis Harmonic reducer</b>	<b>A axis(Rotary axis)</b>	<b>360degree</b>
	<b>B axis(Slope)</b>	<b>90degree</b>
	<b>speed ratio</b>	<b>1:50</b>
	<b>Maximum torque</b>	<b>15N.m</b>
<b>Step motor type</b>		<b>57 two-phase four wire,2A 1.8N.m, 500rpm suggested</b>
		<b>58 two-phase four wire,3A 1.2N.m, 500rpm suggested</b>
<b>Spindle motor</b>		<b>Brand new 2200W water cooling spindle, 24000RPM</b>
<b>Principal axis collet</b>		<b>ER-20 1-13mm</b>
<b>Repeat accuracy</b>		<b>0.03~0.05mm</b>
<b>Spindle precision</b>		<b>radial beat accuracy 0.01 mm</b>
<b>Operating system</b>		<b>Newest Win10 and compatible with old version</b>
<b>Maximum speed</b>		<b>0-4000mm/min</b>
<b>Computer connection</b>		<b>USB port</b>
<b>Command code</b>		<b>Tap、 nc 、 ncc、 txt</b>
<b>Safeguard</b>		<b>Limit switch</b>
<b>Operating Voltage</b>		<b>AC220V/110V</b>
<b>Warranty</b>		<b>1 Year</b>
<b>Package size</b>		<b>One wooden box,115x86x125cm</b>
<b>Gross weight</b>		<b>258kg</b>