

ChinaCNCzone

DSP Steel structure 3040 5Axis router machine



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Servo motor





Highlights for DSP servo motor steel frame 5axis 3040

1. XC709D Series Multifunctional CNC System ,XYZ all linear guide,servo motor(2.4N.m) of XYZ axis.
2. Steel machine frame, more stable, Stronger rigidity
3. Automatically Return Reference Point (G28),Support for power-off continue cutting memory.
4. Higher precision work on aluminum, Cooper、 stainless steel(accuracy 0.02mm~0.05mm)
5. Length Tool Compensation and Radius Tool Compensation

Effective working travel (3axis)		400*300*250mm
Effective working travel (5axis)		120*120*150mm
Shape dimension		820*800*950mm
Working table dimension		400*300mm
Machine frame material		45#steel
Acceptable material size		400*300mm
Driving units		X/Y/Z Axis SFU1605 Ball srew C7 level
Sliding units		X/Y/Z Axis HGH20 linear guide
Control units		3pcs independent AC servo driver + XC709D Series Multifunctional CNC System
A/B axis Harmonic reducer	A axis(Rotary axis)	360degree
	B axis(Slope)	90degree
	speed ratio	1:50
	Maximum torque	15N.m
servo motor type		Two phase 80ST-MO2430,3A 2.4N.m,3000rpm suggested
		Two phase 80ST-MO2430,3A 2.4N.m, 3000rpm suggested
Spindle motor		Brand new 2200W water cooling spindle, 24000RPM
Principal axis collet		ER-20 1-13mm
Repeat accuracy		0.02~0.05mm
Spindle precision		radial beat accuracy 0.01 mm
Operating system		XC709D Series Multifunctional CNC System
Maximum speed		0-4000mm/min
Computer connection		DSP,support handwheel
Command code		Tap、 nc 、 ncc、 txt
Safeguard		Limit switch
Operating Voltage		AC220V/110V
Warranty		1 Year
Package size		One wooden box, 150*98*125cm
Gross weight		294kg