

3 Axis 6040/6090 CNC Engraving Machine



SAMPLES



3 Axis 4060/6090 CNC Engraving Machine

Specification	3/4 Axis 4060 Model	3/4 Axis 6090 Model
Effective working travel	400(X)mm*600(Y)mm*105(Z)mm	600(X)mm*900(Y)mm*150(Z)mm
Shape dimension	880*670*640mm	890*1250*670mm
Frame materials	Aluminum alloy 6063 and 6061 the unique and dedicated mold extrusion profiles	
Acceptable material thickness	≤105mm	≤150mm
Driving units X/Y/Z axis	X,Z SFUR1605-DFC7-P0 ball screw, Y SFUR2005-DFC7-P0 ball screw	
Sliding units X/Y/Z axis	X:16mm/Y20mm/Z13mm Crome Shafts	X:30mm/Y30mm/Z16mm Crome Plate Shafts
Stepping motor type	57 two-phase 3A 180N.cm	
Spindle motor	Changlong GDZ80-2.2, 24000RPM, 2200W	
Principal axis collet	ER11/3.175 mm/6mm	ER20 1-13mm
Repeat accuracy	0.05mm	
Spindle precision	radial beat acuties 0.03 mm	
Software environment	MACH3+ USB cable for Windows XP, Windows 7, Windows 8, Windows 10	
Maximum speed	4000mm/min	
Control unit	E100S2R2B + JMC542 independent drive board for each Axis	
Computer connection	USB Connection	
Command code	G code, tap, NC, ncc, DXf etc.	
Protection	Emergency stop button	
Operating Voltage	AC220V/110V	
Warranty	1 Year for the whole machine, 3 months for the spindle	
Package size	One wooden box, 115*98*85cm	One wooden box, 125*98*86cm
Gross weight	150KG	180KG
The 4th axis Size	220(L)*116 (W) *105 (H)	
4th axis Center-height	65mm	
4th axis Clamping diameter	80mm	
Engraving material	Wood, MDF, Acrylic, Aluminium, Brass, PCB, etc	