

Automatic Tool Change CNC Router

Quotation



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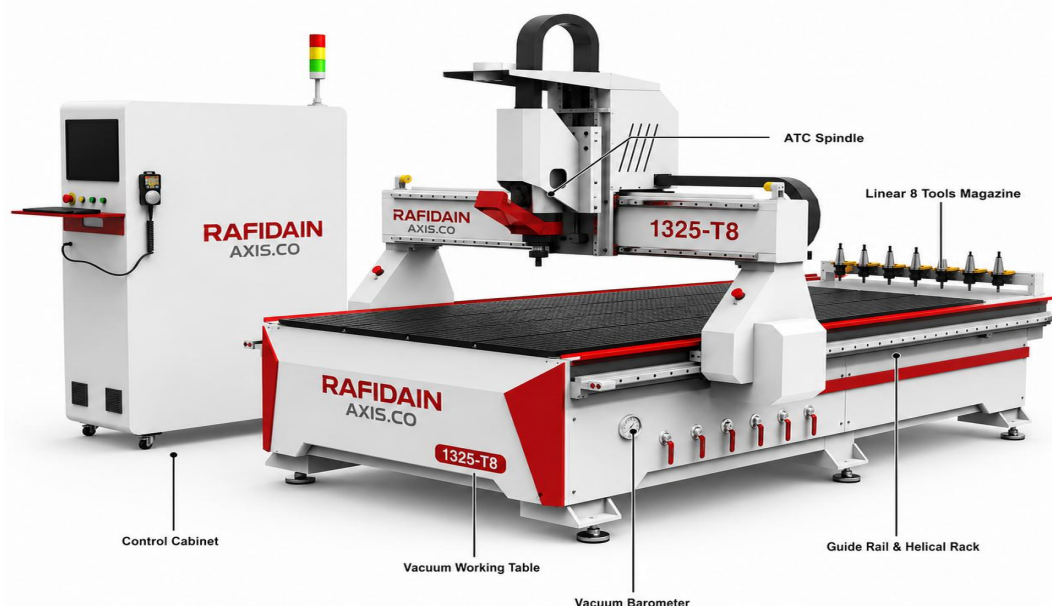
- Machine Overview
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● KEY POINTS QUICK LOOK

Automatic Tool Change CNC Router

- 9.0KW ATC air-cooled ISO30-ER32 spindle
- 11KW high frequency inverter
- Vacuum table with 7.5KW vacuum pump
- 1500W AC servo motor and driver
- Japan Shimpo planetary reducer
- Syntec FC63CA Control System
- Linear type 8 tools changer magazine



● QUOTATION

- **Delivery Date:** 25 working days
- **Payment Terms:** T/T in advance, 50% deposit (at least 30%), the balance should be paid before shipping
- **Package:** Export standard Free-fumigation plywood wooden box

● Scope Of Application

- **A4-E series** high cost performance ATC CNC Router with 9.0KW ATC air-cooled ISO30-ER32 spindle, AC servo motor and linear automatic 8 tools changer, which can meet the needs of complex processing. Widely used in furniture industry and other industries.
- **Furniture:** wooden door, windows, tables and chairs, cabinets and panels, 3D plate, MDF, computer desk.
- **Advertising:** billboard, logo, sign, acrylic characters cutting.

Product Name	A4-E Series Automatic Tool Change CNC Router			
Model	A4-1325-L8-E	A4-1530-L8-E	A4-2030-L8-E	A4-2040-L8-E
X, Y Working size	1300*2500mm	1500*3000mm	2000*3000mm	2000*4000mm
Z feed Height	280mm			
Table Surface	Vacuum table with T-slot and 7.5KW vacuum pump			
X, Y Structure	Helical rack and high precision 25mm square guide rail			
Z Structure	High precision 25mm square guide rail and ball screw			
Max. Rapid Travel Rate	75m/min			
Max. Working Speed	30m/min			
Spindle Power	9.0KW ATC air-cooled ISO30-ER32 spindle			
Spindle Speed	0-24000RPM			
Tool Magazine	Linear type 8 tools changer magazine			
Inverter	11KW high frequency inverter			
Drive Motors	1500W AC servo motor and driver (Z-axis motor with brake)			
Reducer	Japan Shimpo planetary reducer			
Working Voltage	AC380V/50/60Hz			
Command Language	G code			
Control System	Syntec FC63CA Bus control system			
Tool Setting Instrument	Automatic measurement and compensation of tool parameters			
X,Y,Z Repositioning Accuracy	±0.05mm			
X,Y,Z Positioning Accuracy	0.05mm			
Software	Artcam with post processor			
Dust Collector	3KW-380V comes with stand,brush and hose			
Running Temperature	0 degree - 45 degree			
Relative Humidity	30% - 75%			
Warranty	Two years			



01 9KW ATC Spindle

- Air-cooled spindle with ISO30-ER32
- High precision with stable performance
- Big power with faster speed 0-24000 rpm/min

02 11KW Inverter

- Big power 11KW
- High frequency inverter
- With high stability, high precision



03 Guide Rail And Helical Rack

- 25mm square rail with high precision
- Helical rack with stable transmission
- High accuracy, strong bearing capacity

04 Heavy Machine Bed

- Machining center milling flat drilling
- Stable structure with strong load-bearing
- Heavy duty bed with anti-rust painting process



05 AC Servo Motor With Reducer

- Big power 1500W AC servo motor
- Japan Shimpo planetary reducer
- For high precision and fast speed

06 FC63CA Control System

- Famous Syntec FC63CA Bus controller
- Industrial computer large screen control
- With hand wheel, more convenient to operate





07 Linear Tool Change

- Automatic switching of 8-12 tools
- To meet diverse processing needs
- Fast tool change with high efficiency

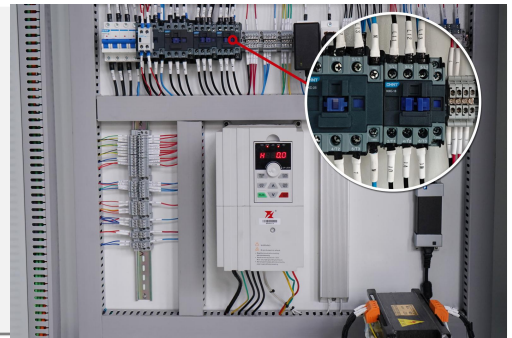
08 Mechanical Limit

- Effective anti-interference
- Realize effective positioning control
- Fine workmanship, superior performance



10 Independent Control Cabinet

- Wire numbers of all terminals
- Independent ground terminal
- Scientific layout of internal structure

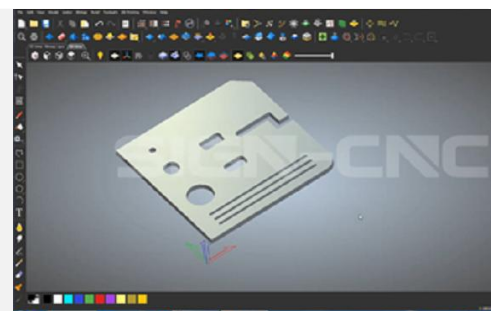


11 Machine Inspection

- X,Y,Z Repositioning Accuracy $\pm 0.05\text{mm}$
- X,Y,Z Positioning Accuracy 0.05mm
- At least 3 full tests before shipment

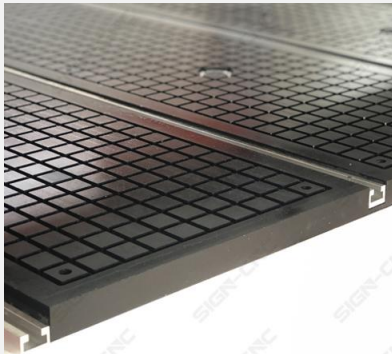
12 Technical Support

- 2-year warranty of the whole machine
- Software and Post-Processing
- User Manual and Online video training

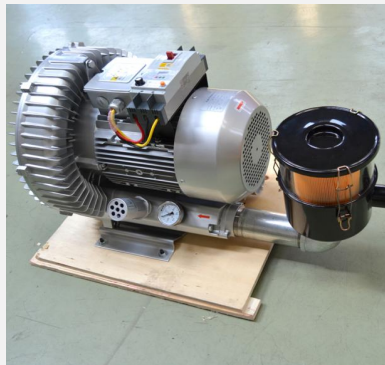


● Standard Machine Parts

Vacuum table with T-slot



Vacuum pump 7.5KW-380V



Automatic oil system



Dust collector 3KW-380V



Tool setting instrument



Lock knife block



● Machine Photo

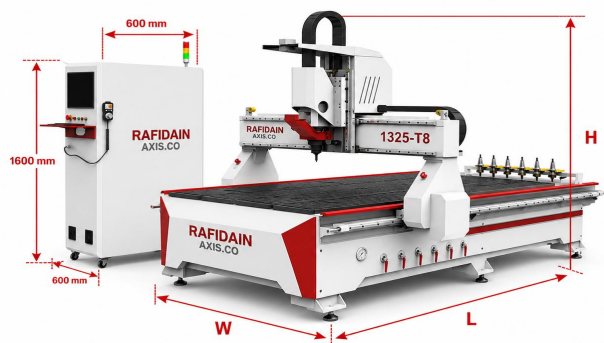
Each machine strictly controls the process quality from order to delivery, at least 3 times full tests before shipment. We will send you machine photos, packaging and shipping photos and test videos to check and confirm. SIGN-CNC wishes you much pleasure with our machine, will make your business prosperous.





Configuration list	A4-E Series Automatic Tool Change CNC Router	
Name	Features and use	Quantity
Machine bed	Heavy duty bed,machining center milling flat drilling	1 set
Gantry	Industry heavy duty,machining center milling flat drilling	1 set
Spindle	9.0KW ATC air-cooled ISO30-ER32 spindle	1 pcs
Inverter	11KW high frequency inverter	1 pcs
Motor and driver	1500W AC servo motor and driver	4 sets
Reducer	X, Y motor with Shimpo planetary reducer	3 pcs
Control System	Syntec FC63CA (with Industrial computer,handwheel)	1 set
Handwheel	Operate for simple work	1 set
Control cabinet	Independent industrial control cabinet with electrical components	1 set
Data line drag chain	High flexibility and fully enclosed	1 set
Guide rails and rack	High precision 25mm square guide rails and helical rack	1 set
Working table	Vacuum table with T-slot and 7.5KW vacuum pump	1 set
Omron limit switch	Omron famous brand with higher precision and more durable	1 set
Automatic oil system	Lubrication the rails and rack gear	1 set
Tool magazine	Place of put the cutter with 8 position	1 set
Tool setting instrument	Automatic measurement and compensation of tool parameters	1 pcs
Dust collector	3KW-380V comes with stand,brush and hose	1 set
Emergency button	One on control cabinet and other two on Y axis motor	3 pcs
Tool box	Spindle wrench used for change and maintain the cutter	2 pcs
	ER32 Collets fixtured for confining milling cutters	8 pcs
	ISO30 handle for connecting tool to spindle	8 pcs
	Knife block for clamping and securing the cutter	10 pcs
	Clamping device for fixing material when engraving	6 pcs
	Leg supports used for adjusting machine levelness and height	6 pcs
	L-type inner hexagon spanner of screwing tools	1 set
	Common cutters used for testing cutting,engraving and hollowing	10 pcs
	U disk with software Artcam post-processing and machine manual	1 set
Package	Export standard Free-fumigation plywood wooden box	1 pcs

● Dimension detail drawing



Wooden box outer packaging



Model	A4-1325-L8-E	A4-1530-L8-E	A4-2030-L8-E	A4-2040-L8-E
Machine Size (L*W*H)	3400*2100*2000mm	3900*2200*2000mm	3900*2700*2000mm	4900*2700*2000mm
Package Size (L*W*H)	3600*2280*2000mm	4100*2280*2000mm	4100*2280*1750mm	5100*2280*1750mm
G.W (kg)	1300kg	1500kg	1700kg	2000kg

(The above is for reference only, the size and weight will change according to different configurations)

● Packaging method



For LCL Shipping

Less Than Container Load

- With Wooden Box Packaging
- Export standard fumigation-free wooden box
- Stronger to avoid damage during transportation.

For FCL Shipping

Full Container Load

- Machine Full container loading
- whole of machines with waterproofing membrane
- Max number of machines can be loaded to reduce costs



Furniture making



Cabinet making



Door making



Musical instrument making



Furniture decoration



PVC adornment making



Aluminum-plastic making



Advertisement making



Sign making

