

4+1 Axis Bridge Saw Cutting Machine

Machine function:

1. The cutting cutter head can rotate 360 degrees to cut and process special-shaped, fan-shaped, round, table basin holes, polygons, diamonds, straight lines, 45-degree chamfering, etc.
2. A variety of cutting methods, in addition, there is a special spindle head for drilling, milling and other processes of the product.
3. The machine is easy to program and supports CAD import function.
4. The whole machine adopts the international first-line linear guide brand and precision rack, high speed, stable, small footprint, convenient transportation, installation and debugging.

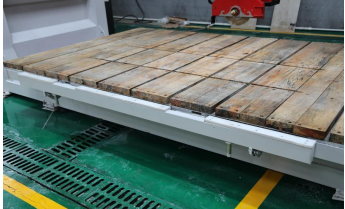
Machine Picture



Machine Specifications

No.	Name	Details
1	Maximum saw blade diameter	300-400mm
2	Max Cutting Thickness	5 cm
3	working platform size	3200*2000mm (can be customized)
4	main motor power	15KW
5	Speed	Main shaft :1500-6000r/min
		Add 1 axis separate milling cutter speed: 18000-24000rpm
6	total power	27KW
7	amps	48.7 A
8	Water Consumption	40L/min
9	A axis working range	0-90°
10	C axis working range	0-360°
11	Control Accuracy	±0.1mm
12	Machine Size	5200*3025*2500mm
13	Machine weight	3150KG
14	Water Cooler Motor (main motor)	(can work for long time without getting hot)
15	Software	CNC system
16	Electric	Schneider Brand

Machine Configuration

Independent milling cutter	The processing speed is 0.8m per minute, which is four times faster than the non-independent one.	
Oil-immersed guide rails	To ensure cutting accuracy and stability, while ensuring that the linear guide rails are more durable and have a longer life	
Water-cooled motor	Good cooling effect and supports long-term working.	
Absolute servo motor with memory function	It has a power-off memory function. When restarting the machine, there is no need to debug the machine again, and there is no need to return to the origin. Processing can continue from the previous position.	
With stop ruler	it can maintain the integrity of the pattern when processing the plate with pattern	
Remote control	Convenient and simple operation and tool adjustment	