

CNC ROUTER - RK1325



Specification:

Model	RK1325
The dimensions of the processing area X and Y, the largest	1300 x 2500mm
Z-axis spindle movement	170mm
Z axis transmission type	Ball screw
Type of transmission on the X and Y axis	Helical gears
Type of displacement motors	Stepper
Working speed	0 - 10m/20m / min
Spindle speed	0 – 18.000 rpm
Spindle power	6 kW
Spindle cooling type	Air Cooling
Voltage,	380V
Current frequency	50 Hz
Overall dimensions of the machine in the package	
Length	3100mm
Width	2020 mm
Height	1750mm
Weight	1350kg

Warranty 1 year

Features:

PURPOSE:

Reliably proven machine has long been used to perform milling work in 2D and 3D space. In engraving and woodcarving, various industries, business and hobbies. The main use is the manufacture of doors, furniture and elements of products in facades, jewelry workshops, the manufacture of souvenirs, sculptures and much more.

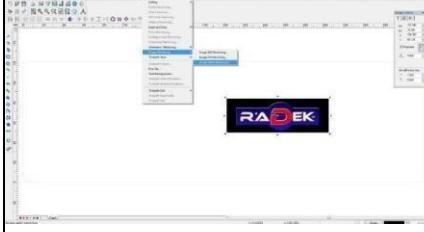
TYPES OF HANDLED MATERIALS:

The main use in the processing of wood, chipboard, MDF, plywood, any polystyrene, artificial stone, acrylic glass and plexi glass, plastic model, non-ferrous metal.

Details:

MACHINE DETAILS		
Item	Picture	Statement
Purpose Bed		The machine bed is made of thick-walled rectangular pipes, which, along with a large number of transverse beams, provide an excellent level of rigidity and vibration resistance.
High- precise linear guides of increased rigidity		Due to the increased stability and rigidity, they ensure high accuracy of the portal and high-speed spindle movement along the X, Y, Z axes. High accuracy of processing and durability of the machine operation are achieved without loss of accuracy parameters.
Highly precision ball pieces		Due to the almost complete elimination of the backlash, highly accurate movement of the portal, caliper and spindle along the X, Y and Z axes is ensured when processing the program using CNC for complex products with a high degree of accuracy.
Kosozubuya rayka on axis X and Y		Movement along the X and Y axes of our machine tool uses a helical rake. This solution allows to achieve high speed performance without compromising the accuracy of treatments.

Vacuum desktop with "T" - slots for mechanical Mounting		Aluminum desktop covered with wear-resistant plastic, specially designed for use with a vacuum pump. This table allows you to quickly and permanently install the workpiece on the worker. Also, the workpiece on the table can be mechanically fixed with clamps; for this, the table was divided into 4 zones using a T-shaped profile.
Electroshpin d el 6kw — 18.000 rpm		The design of the spindle is based on the best design solutions of the world's leading manufacturer of spindles - HSD (Italy). High rotational speed (18.000 rpm) and optimum power (6 kW) make it possible to process parts made of wood, as well as chipboard, MDF, plastic, acrylic glass and other materials for the manufacture of furniture, doors, advertising and souvenirs with high quality.
Sensor		MEASUREMENT AND CALIBRATION OF TOOL LENGTH Carries out automatic control of tool length and allows, when starting work, to quickly enter data on the table surface ($Z = 0$) and material height. Provides fast input of parameters, protection of a surface of a table that increases productivity of the machine and the level of safe work.

HG20 Taiwan HIWIN square rails, tilted teeth rack	
Z axis Taiwan TBI Brand ball screw	
Ucancam software	
Fuling Inverter 7.5KW	
DSP A11 control system	

<p>YAKO 2811 drivers</p>	
<p>Vacuum pump 7.5KW water cooling</p>	
<p>Electrical parts Schneider</p>	
<p>Automatic oil lubricating system</p>	

1. Colour:
2. Motor: 380V 50HZ 3PH (Machine) + 220V 50HZ (Electric box)
- 3.Meet CEstandard.
- 4.packing:

Detailed pictures:









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