

CNC Router

RK1325



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Skopje, Jadranska Magistrala 71b



► TECHNICAL PARAMETERS

The dimensions of the processing area X and Y, the largest	1300x2500mm
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 - 18.000rpm
Spindle power	6kw
Spindle cooling type	Air Cooling
Voltage	380V
Current frequency	50Hz
Dimensions (LWH)	3100x2020x1750mm
Weight	1350kg

Features:

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.

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.

► GALLERY



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DETAILS

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.
Kosozubaya rayka on X and Y axis		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.



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



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



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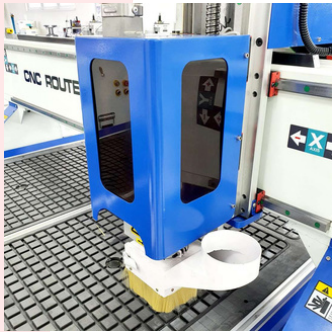



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Electro spindle 6kw – 18.000 rpm		<p>The design of the spindle is based on the best design solutions of the world's leading manufacturer of spindles - HSD (Italy). High rotational speed (18.000 rpm) and optimum power (6 kW) make it possible to process 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.</p>
Sensor		<p>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.</p>



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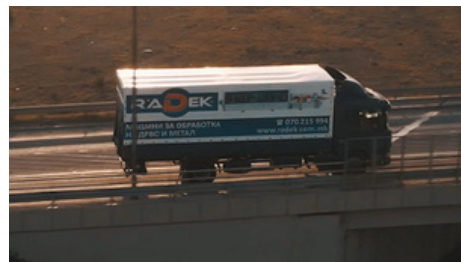


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▶ ABOUT US

RADEK is a reputable company that offers you high quality machines for processing wood, metal, aluminum and plastic.



▶ OUR MISSION

RADEK is composed of a team of managers and service technicians with many years of experience. Our goal is to effectively place products on the market that are top quality and reliable, also continuous education is implemented in order to keep up with global trends and innovations, and expand the network of satisfied clients.

We hope that you will get acquainted with our work in more detail and you will be convinced that the basic mission of our company is to have as many satisfied customers as possible.

Let us know you, and we promise that you will find in us a trusted and reliable business partner, because for us, quality comes first!



**1 year
warranty**



**Provided
service and
spare parts**



**Free
delivery**



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