

Vyrik CNC Router 2040 3.2KW 3-Axis Stepper Motor



Features:

Working Area: The size of the machine's cutting and engraving area is 2000 x 4000mm.

Cutting and Engraving Capability: The machine is able to both cut and engrave a wide range of materials, including wood, acrylic, plastic, Foam, PVC, ABS, Aluminum Composite Panels (ACP) Alucobond, Aluminum, Steel, Brass, Copper...

Water-Cooled Spindle: Engineered for precision and durability, the 3.2kW water-cooled spindle is a high-performance tool that excels in handling demanding tasks.

Cooling System: The machine has a reliable and efficient cooling system (S&A CW-3000) to prevent the Spindle from overheating during operation.

Controller: Our controller is a versatile and user-friendly motion control system tailored for CNC machines. Equipped with a high-performance digital signal processor (DSP), it provides precise and efficient control over CNC operations.

Specifications	
Machine Name	Vyrik CNC Router 2040 3.2KW 3-Axis Stepper Motor - 200x400cm
Model Number	VRO-2040-32
Working Area	200x400cm (X, Y axis)
Z Clearance	20cm
Spindle	Water-Cooled Spindle HQD 3.2KW
Spindle Holder	Ø100 mm
Spindle Collet	ER20 (1-13 mm)
Inverter	4KW Inverter
Controller	RichAuto A11 / MASSO G3 (Australia)
Controller Power Supply	Taiwan - Meanwell
Stepper Motors	Original LEADSHINE
Stepper Motors Drivers	Original LEADSHINE
Guide Rail	25mm - Taiwan
Transmission Method	Screw Driven (X, Y, Z axis)
Stepper Motors	4 pcs 450B14
Limit Switch	Optical Limit Switches - Taiwan
Cooling System	Original S&A Chiller 3000
Bed	Vacuum Table
Safety	Emergency Stop (x3) / Water Flow Sensor / Soft Limits / Hard Limits
Dust Collector	3KW
Software	Illustrator / Aspire / Solid Works / ArtCAM
System	Windows 10 / Windows 11
Communication	USB-Disk
Input Voltage	AC380 ±10% / 50Hz
Power Consumption	-W (Incl. Dust Collector, Vacuum Pump and Chiller)
Warranty	One year
Weight	1500Kg
Machine Size	280x480x180cm (Not Incl. Controller and Dust Collector) 450x480x260cm (Incl. Controller and Dust Collector)
Packing Size	300x480x220cm

Accessories Included

- Water Chiller S&A 3000
- Dust Collector
- Manual Lubrication Tool
- Oil Mist Cooling System
- Z-Axis Tool Touch Probe
- Complete Water-Cooling System



