

Vyrik CNC Router 2040 4.5KW 3-Axis Servo 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 4.5kW 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 4.5KW 3-Axis Servo Motor - 200x400cm |
| Model Number | VRO-2040-45 |
| Working Area | 200x400cm (X, Y axis) |
| Z Clearance | 20cm |
| Spindle | Water-Cooled Spindle HQD 4.5KW |
| Spindle Holder | Ø100 mm |
| Spindle Collet | ER20 (1-13 mm) |
| Inverter | 4.5KW Inverter |
| Controller | RichAuto A11 / MASSO G3 (Australia) |
| Controller Power Supply | Taiwan - Meanwell |
| Servo Motors | Original Delta - Taiwan |
| Servo Motors Drivers | Original Delta - Taiwan |
| Guide Rail | 25mm - Taiwan |
| Transmission Method | Screw Driven (X, Y, Z axis) |
| 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



