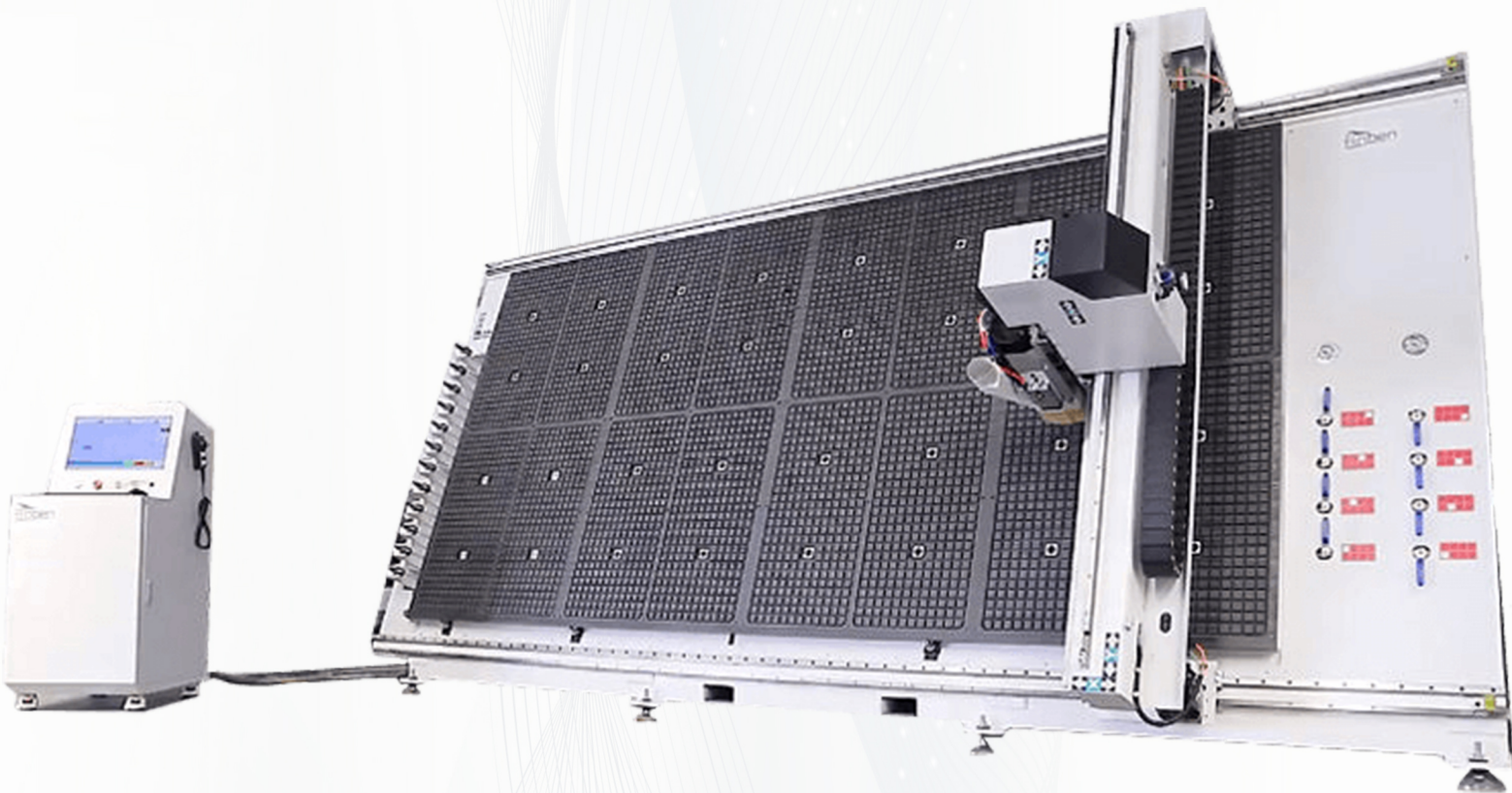


Machine - Auxiliary - Tool - Material

# Vertical CNC Router



**Intelligent · Fully Automatic · Precise**



## 2142 Vertical CNC Router



Prepare to elevate your woodworking game with our Vertical CNC Router, the latest addition to our lineup. Responding to the needs of our customers for a space-saving solution without compromising on cutting capacity, this machine delivers big results in a compact package.

### Benefit

- **Versatile Performance:** Built with robust components, our Vertical CNC Router is capable of milling aluminum and handling deep, wide cuts in wood with ease.
- **Space-Saving Design:** Perfect for small space woodshops, this machine offers a compact footprint without sacrificing cutting capacity, optimizing your workspace for maximum productivity.
- **Durable Construction:** Crafted with quality components, our CNC router is designed to withstand the rigors of daily use, ensuring longevity and reliability for years to come.
- **Precision Cutting:** Achieve impeccable cutting accuracy at scale, thanks to advanced technology and meticulous engineering, allowing you to bring your designs to life with unparalleled precision.

### Feature

- **Long-lasting Performance:** Built with quality components and a heavy-duty

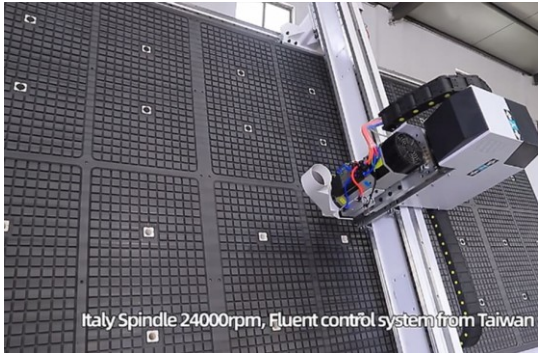
industrial-class square tube frame, this CNC router is engineered to withstand the demands of daily use, ensuring years of reliable operation.

- **Precision Cutting:** Experience unparalleled accuracy at scale, thanks to advanced features like rack and pinion drive, Germany ASK #25 rail linear bearings, and a vacuum adsorption table for secure material positioning.
- **Efficient Operation:** With a max rapid travel rate of 50000mm/min and a max working speed of 30000mm/min, this machine delivers fast and efficient performance, allowing you to complete projects in less time.
- **Powerful Spindle:** Equipped with an Italy HSD 9KW air cooling spindle and Japan Yaskawa drive motors, this CNC router offers high spindle speeds (0-24000rpm) for precise and powerful cutting.
- **User-Friendly Control:** Featuring a Taiwan SYNTEC 60W-E control system, this machine offers intuitive operation, making it easy for both beginners and experienced users to achieve desired results.
- **Flexible Power Options:** With a working voltage of AC380v, 50hz, and 3ph (option: 220v), this CNC router can be adapted to suit different power requirements, providing versatility and convenience.

## Specification

|                             |   |
|-----------------------------|---|
| Description                 |   |
| Working Area(X*Y*Z)         | 2100*4200*200mm   |
| Cutting Accuracy            | ±0.03/1000mm  |
| Table Surface               | Vacuum Adsorption Table                                     |
| Material Positioning Method | Repeat Positioning By Positioning The Cylinder.             |
| Frame                       | Heavy-Duty Industrial Class Square Tube Strong Structure    |
| X, Y Structure              | Rack And Pinion Drive, Germany ASK #25 Rail Linear Bearings |
| Max. Rapid Travel Rate      | 50000mm/Min   |
| Max. Working Speed          | 30000mm/Min   |
| Z Structure                 | Taiwan Ball Screw   |
| Spindle Power               | Italy HSD 9KW Air Cooling Spindle                           |
| Operating System            | Taiwan SYNTEC 60W-E Control System                          |
| Drive Motors                | Japan Yaskawa Drive And Yaskawa 850W Servo Motors           |
| Vfd                         | 11kw Delta Vfd  |
| Spindle Speed               | 0-24000rpm  |
| Working Voltage             | AC380v, 50hz,3ph (Option: 220v)                             |
| Command Language            | G Code  |
| Control Box                 | Place The Computer's Big Control Box                        |
| Collet                      | Er25  |
| Software Compatibility      | Art Cam/Power Milltyep 3                                    |
| Lubrication System          | Automatic Lubrication System                                |

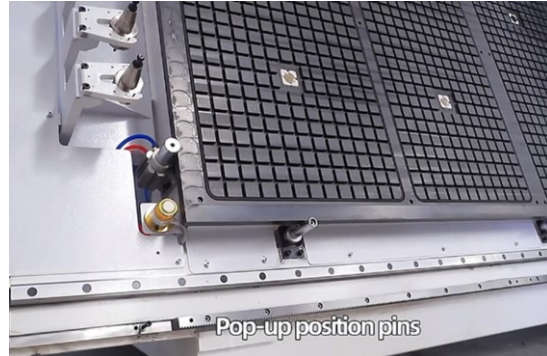
## Specification



Italy Spindle 24000rpm, Fluent control system from Taiwan



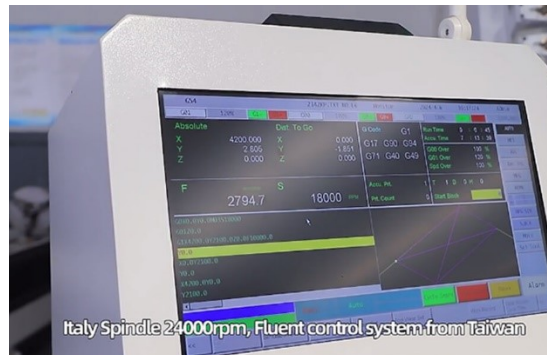
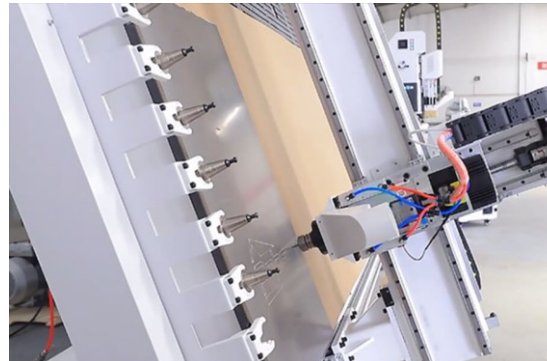
ATC linear tool changer magazines with 12 positions



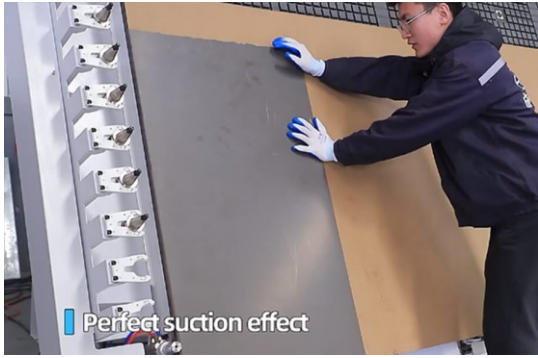
Pop-up position pins



ATC linear tool changer magazines with 12 positions



Italy Spindle 24000rpm, Fluent control system from Taiwan





*Your Trusted Partner for Woodworking Machine*



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