

 **QUAKE**LOGIC

QL-ROUTERPRO X1530ATC

INDUSTRIAL CNC ROUTER SYSTEM WITH AUTOMATIC TOOL
CHANGER & AUTOMATED MATERIAL HANDLING



✓ Standard System Configuration:

- Heavy-duty industrial welded steel frame construction

- Industrial CNC coordinated motion control system

- Servo-driven synchronized motion platform

- Precision rack-and-pinion drive systems

- Industrial vacuum table workholding system

- Automatic Tool Changer (ATC) system

- Automatic unloading conveyor platform

- Industrial aggregate machining capability

- Gang drilling functionality

- Automatic lubrication system

- Industrial dust collection system

- Safety light curtain system

- Emergency stop and operational safety systems

- Industrial operator workstation and control interface

- DXF and G-code programming compatibility

- Industrial electrical system compatible with U.S. facility requirements



Technical Specifications:

- Machine Configuration:
 - Industrial CNC Router Machine with ATC and automated unloading system
- Working Area:
 - X-Axis Travel: 1500 mm
 - Y-Axis Travel: 3000 mm
 - Z-Axis Travel: 400 mm
- Structural Construction:
 - Heavy-duty welded steel machine frame
 - Industrial continuous-duty gantry structure
- Motion System:
 - Servo-driven synchronized CNC motion platform
 - Precision linear guide rail assemblies
 - Precision rack-and-pinion drive configuration
- Control System:
 - Industrial Syntec CNC control system
 - Industrial operator control workstation
 - CAD/CAM compatible CNC programming capability
- Spindle System:
 - Industrial air-cooled spindle assembly
 - Spindle Power: 9.6 kW
 - Maximum Spindle Speed: 18,000 RPM



✓ Technical Specifications:

• Automatic Tool Changer (ATC):

- 12-position automatic tool changer carousel
- Automatic tool measurement and tool sensing capability

• Vacuum Workholding System:

- Industrial vacuum table configuration
- High-capacity vacuum hold-down capability

• Aggregate & Drilling Capability:

- Aggregate head with C-axis functionality
- Integrated gang drilling capability

• Material Handling System:

- Automatic unloading conveyor platform
- Integrated automated material transfer capability

• Lubrication System:

- Automatic industrial lubrication system

• Dust Collection System:

- Industrial dust collection support capability

• Safety Features:

- Safety light curtain system
- Emergency stop functionality
- OSHA-compliant industrial safety configuration

• Programming Compatibility:

- DXF file compatibility
- G-code programming compatibility
- CAD/CAM workflow integration capability



✓ Technical Specifications:



- Material Processing Capability:

- Designed for processing and machining:
- Wood
- MDF
- Plywood
- Particle board
- Composite panels
- PVC materials
- Plastic sheets
- Aluminum composite materials
- Industrial fabrication materials

- Electrical Configuration:

- Industrial electrical configuration compatible with U.S. facility power requirements
- 3-Phase industrial electrical system

- Machine Performance:

- High-precision positioning capability
- Repeatable industrial machining performance
- Continuous-duty industrial operation capability



Advanced CNC Routing & Automated Material Handling Solutions

Corporate Headquarters

QUAKELOGIC INC.
2008 Opportunity Dr. Suite 130
Roseville, CA 95678, USA

Available Monday - Friday, 9 AM - 5 PM PST

Executive Support Line

+1 (916) 899-0391

Direct support for CNC router operation, ATC setup, vacuum workholding, material handling, programming, operator training, and industrial machining applications.

Strategic Inquiries

sales@quakelogic.net

For CNC routing systems, automated tool changing, panel processing, material handling, woodworking, plastics, composites, and industrial fabrication applications.

Our Commitment to Advanced CNC Routing & Automated Processing Solutions

Automated CNC Routing

Delivering precise and reliable CNC routing for wood, MDF, plywood, plastics, composite panels, and industrial fabrication materials.

ATC & Drilling Performance

Providing 12-position automatic tool changing, aggregate machining, C-axis capability, and integrated gang drilling for flexible production workflows.

Dedicated Operational Support

Ensuring reliable operator training, technical support, remote assistance, maintenance guidance, and after-sales service for CNC router operations.

Scan to Explore CNC Routing & Automated Material Handling Solutions



Explore QL-RouterPro X1530ATC Capabilities and CNC Processing Applications

Discover how QL-RouterPro X1530ATC supports CNC routing, automatic tool changing, vacuum workholding, drilling, panel processing, and automated material handling for industrial production applications.

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