

CASTECH

LIJIE MD 1325 ATC
CNC Router



Reliability meets performance

With the innovation design of the dual ballscrew with driven nut, LIJIE MD 1325 ATC has high precision, speed and capability. It has a precise dimensional tolerance or fine engraving.

Drive Systems

For the X-Axis, it has a dual ballscrew with driven nut. And single ballscrew with driven nut for the Y-Axis.

Its high precision 16mm ballscrew is supported by dual angular contact ball bearings in a steel housing on Z-Axis. All of it are servo motors. Equipped with 25 mm linear motion bearing profile.

Base Frame Structure

LIJIE MD 1325 ATC's base frame is single structure welded. Its steel structures are reinforced with bracing as to prevent skew and eliminates vibration.

Gantry Design

The gantry is designed specially for small machine footprint. Its made of a heavy steel 200mm x 300mm hallows sections with internal stiffeners. The gantry has been engineered to provide a smooth, minimum vibration during cutting.

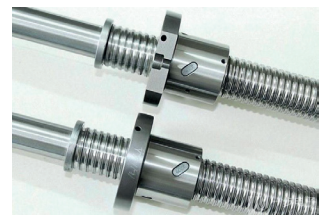
Why LIJIE MD 1325?

The LIJIE MD 1325 ATC offers an Auto Tool Changer (ATC) which come standard with the automatic tool calibration and tool change solution that is built into the CAM Software. Without compromising the speed and quality, the LIJIE MD 1325 ATC able to improve accuracy and reduce time with the automatic tool change solution.

With the basic oil mister, it assists the acrylic and aluminium cutting to prolong bits life.



High Speed ATC Spindle



Dual Ballscrew



Linear ATC Tools Holder

Specifications:

Model	MD 1325 ATC
Table Size (XY)	1270mm x 2540mm
Travel (XYZ)	1290mm x 2560mm x 250mm
Column Space	1677mm
Z-Axis Clearance	150mm
XY Cutting Speed	20m/min
Z Cutting Speed	15m/min
Spindle	HSD 9.6KW ATC 24000 RPM, Collet ER32
Tool Changer & Tool Calibrator	Linear Automatic Tool Change with 6 tools and Automatic Tool Calibrator Block
Motor Drive	All drive YASKAWA Servo
Table	Vacuum table with 4 manual zone
Vacuum	5KW Vacuum Pump
Power	Three Phase 380v/415
Overall Size	3780L x 2200W x 2100H
Weight	1800KG
Controller	DSP Controller

Options:

Dust Collector	One bag to Four bags, from 2.2KW to 7.5KW
Vacuum Pump	10 - 15KW blower or 90CBM/Hr - 250CBM/Hr
Mister	Assist acrylic and aluminium cutting to prolong the lifespan of the bit
Auto Lubricator	For the moving parts of lubrication

Accessories



Dust Extraction



Surface Detection



Keypad



Automatic Tool Length

Applications



Acrylic Cutout



MDF Cutting



Aluminium Glove



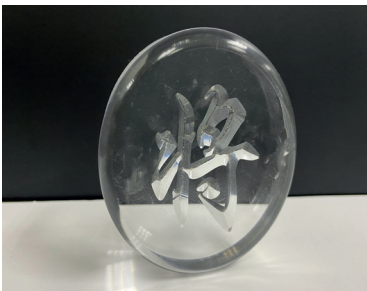
Wood Surfacing



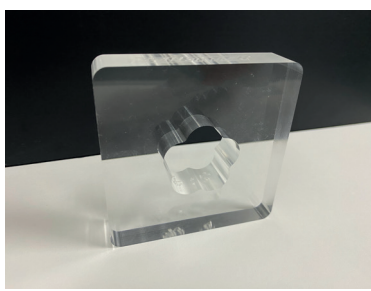
Cabinet Door



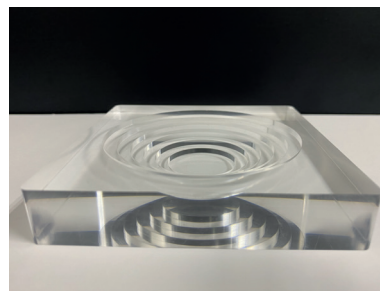
Copper Cutting



Acrylic



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