

CASTECH

LIJIE MW 1325 ATC
CNC Router



Reliability meets performance

With the innovation design for heavy-duty router with automatic tool changing system, LIJIE MW 1325 ATC helps to reduce user intervention during job.

Drive Systems

For the X-Axis and Y-Axis, it use an imported high precision Helical rack and pinion drive system.

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 MW 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

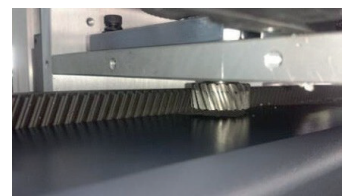
The gantry is designed specially for small machine footprint. Its made of a heavy steel 150mm x 200mm hallows sections with internal stiffeners. The gantry has been engineered to provide a smooth, minimum vibration during cutting.

Why LIJIE MW 1325 ATC?

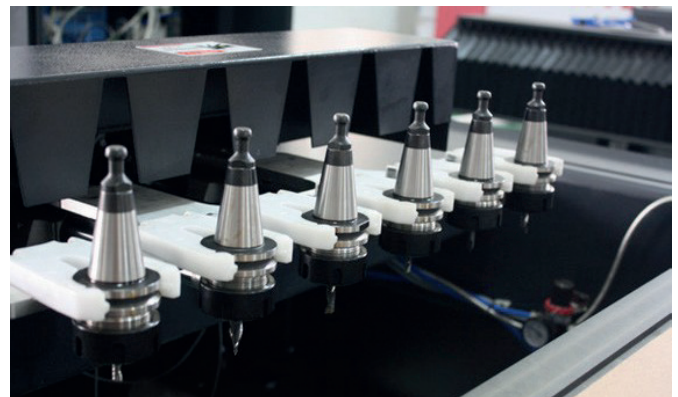
The LIJIE MW 1325 ATC offers an Auto Tool Changer (ATC) which come standard with the automatic tool calibration and tool change solution that is built into the CAM Software. With the basic oil mister, it assists the acrylic and aluminium cutting to prolong bits life.



High Speed ATC Spindle



Helical Rack & Pinion



Linear ATC Tools Holder

Specifications:

Model	MW 1325 ATC
Table Size (XY)	1270mm x 2540mm
Travel (XYZ)	1290mm x 2560mm x 150mm
Column Space	1738mm
Z-Axis Clearance	150mm
XY Cutting Speed	25m/min
Z Cutting Speed	20m/min
Spindle	9.6KW (CHINA) (24000RPM, Collet ER32)
Tool Changer & Tool Calibrator	Linear Automatic Tool Change with 6 tools and Automatic Tool Calibrator Block
Motor Drive	All servo drive (CHINA)
Table	Vacuum table with 4 manual zone
Vacuum	5KW Vacuum Pump
Power	Three Phase 380v/415
Overall Size	4130L x 2254W x 1600H
Weight	1500kg
Controller	EZ CNC Keypad

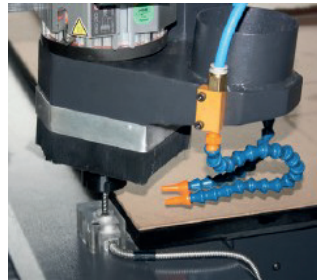
Accessories



Dust Extraction



Surface Detection



Automatic Tool Length



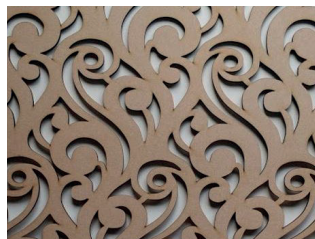
Keypad

Applications

Sign-marking	Acrylics, PVC, 3D Signs, Relief
Woodworking	3D engraving, wave board, furniture making, MDF, Plywood
Aluminium	Aluminium Fabrication



Acrylic Cutout



MDF Cutting



Aluminium Glove



Wood Surfacing



Copper Cutting



Aluminium Surfacing

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