



CO2 Laser Cutting Machines

MY-L1325 / MY-L1530



OVERVIEW

The MY-L1325 and MY-L1530 CO₂ laser cutting machines deliver high-performance results across a wide range of non-metal materials, including acrylic, MDF, plywood, leather, and more. Designed for large-format applications, these machines offer generous working areas of 1300 × 2500 mm and 1500 × 3000 mm, with laser power options up to 180W. Engineered for reliability and precision, each machine features industrial-grade components, including RECI laser tubes, HIWIN guide rails, and efficient water cooling and extraction systems. Whether you're cutting signage, packaging, textiles, or decorative panels, the MY-L series offers smooth operation, excellent edge quality, and user-friendly control—all backed by robust construction and local support.

FEATURES



High-Speed Performance

Delivers fast processing speeds with fine detail, small kerf widths, and minimal post-processing.



Versatile Work Area

Open table design with both aluminum and honeycomb work surfaces accommodates a wide range of materials and applications.



Precision Cutting and Engraving

Achieves high accuracy and smooth edge quality with HIWIN linear guide rails and RECI laser tubes.



Fast, Flexible File Handling

Supports USB 3.0 for high-speed data transfer, with online and offline file loading via flash drive or direct PC connection.



Industrial-Grade Build Quality

Built with a rigid 5 mm steel frame for long-term stability and vibration-free operation.



Certified Safety and Compliance

Meets CE, FDA, and ISO 9001 standards, with a fully enclosed laser path for added operator protection.



Smart Job Management Tools

Features include breakpoint resume, power-off recovery, and onboard memory for storing up to 64 jobs.



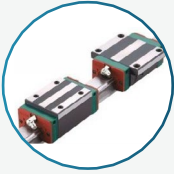
Wide Software Compatibility

Seamlessly integrates with design software such as CorelDraw, AutoCAD, and LaserCutEngrave.

APPLICATIONS

- **Signage Production:** Cutting and engraving acrylic and other materials for signs.
- **Woodworking:** Precision cutting of plywood, MDF, and hardwoods for furniture and decorative items.
- **Textile and Leather Goods:** Creating intricate patterns and designs on fabrics and leather.
- **Packaging:** Cutting and scoring cardboard and other packaging materials.

MAIN CONFIGURATIONS



Precision Linear Guide Rail

High-precision linear guide rails for smooth and accurate motion control sourced from leading manufacturers such as HIWIN and PMI.



Laser Tube and Power Supply

High-performance CO₂ laser tubes from trusted brands like RECI and Yongli, paired with reliable LASERPWR power supplies to ensure consistent laser output and optimal cutting and engraving results.



Leadshine Motion Components

Motors, drivers, and controllers from Leadshine, a globally trusted brand known for precision and reliability in motion control.



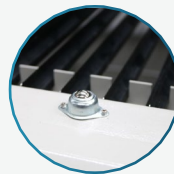
Ruida RDC6445S Control System

The advanced Ruida RDC6445S controller offers stable performance, strong anti-static protection, and an intuitive user interface.



High-Quality Limit Switches

Omron X and Y axis limit switches use non-contact sensing to prevent the gantry from moving beyond its mechanical limits, ensuring long-term reliability and safety.



Blade Table with Front Rollers

The fixed blade table is ideal for engraving and cutting rigid materials like acrylic and wood. Front-mounted rollers make it easy to load and unload large sheet materials with minimal effort.



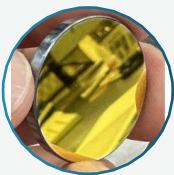
Exhaust Fan / Blower System

The air compressor keeps the lens clean, clears debris from the cutting path, and helps cool materials to prevent warping during processing.



Closed-Loop Stepper Drive

Clean and well-labeled internal wiring layout, for easy maintenance and servicing. Equipped with a 3-phase closed-loop stepper drive system that delivers smooth, quiet motion with high precision.



Exhaust Fan / Blower System

High-quality focusing lenses and silicon mirrors with a reflectivity rate of up to 99.99% for maximum energy efficiency and precision.



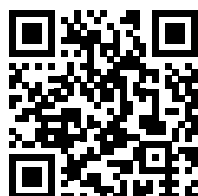
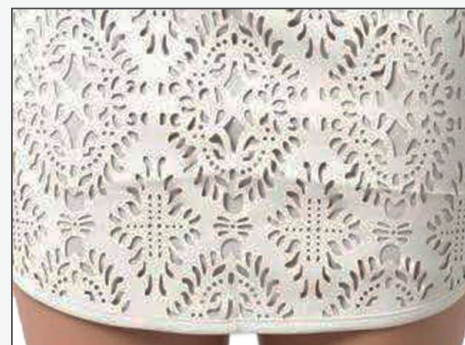
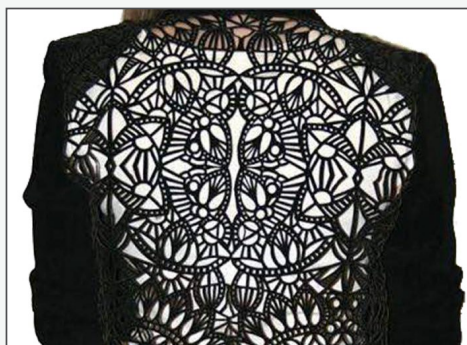
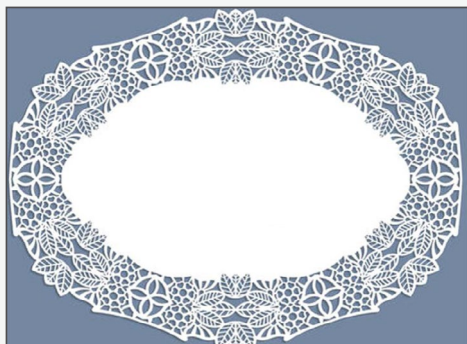
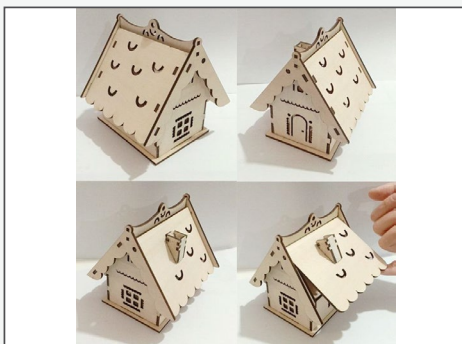
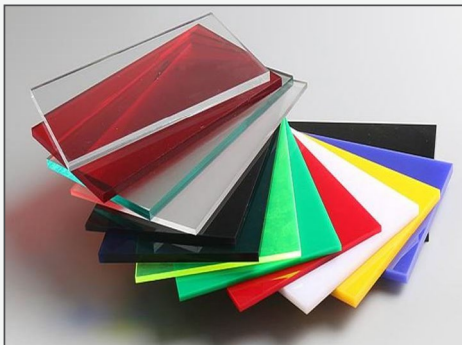
Industrial Water Chiller

High-efficiency industrial water chillers to maintain laser tube performance and longevity. These ensure a stable operating temperature for consistent laser output.

SPECIFICATIONS

Parameters	MY-L1325	MY-L1530
Working Area (mm)	1300 (W) x 2500 (L)	1500 (W) x 3000 (L)
Laser Power	RECI W6 130-160W / W8 150-180W / 300W (Yongli 300P)	
Max. Cutting Thickness	Max. 20/25/30mm Acrylic	
Laser Type	RECI Glass CO2 laser tube (Lifespan: Max. 10,000 hours)	
Laser Power Supply	LASERPWR	
Transmitting Parts	Timing Belt HIWIN Linear Guide Rail	
Drive Type	LeadShine 3-ph Stepper Driver and Motor	
Software / Controller	RDWorks DSP Control	
Max. Cutting Speed	18000 mm/min	
Max. Engraving Speed	30000 mm/min	
Resetting Positioning Accuracy	≤0.015 mm	
Max. Forming Character	English letter: 1.5 x 1.5mm	
Power Supply	220V±10% 50HZ or 110V±10% 60HZ	
Software Supported	ArtCut, CorelDraw, PhotoShop, AutoCAD, etc.	
Graphic Format Supported	PLT, DXF, BMP, JPG, GIF, PGN, TIF, etc.	
Worktable	Fixed Honeycomb Worktable or Fixed Aluminum Alloy Worktable	
Air Pump and Water Chiller	✓	
Exhausting System	✓	
Equipment Dimensions	3500mm x 2000mm x 1220mm	4000mm x 2200mm x 1320mm
Package Size	4054mm x 2100mm x 1517mm	4554mm x 2300mm x 1617mm
Net Weight	1050 kg	1350 kg
Gross Weight	1250 kg	1550 kg
Optional Extras	Servo Motor & Ballscrew, Double Laser Tubes	
Recommended Spare Parts	Lens, Mirror, Laser Tube, Laser Power, Sensor	

MARKING & ENGRAVING SAMPLES



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LASER MACHINES