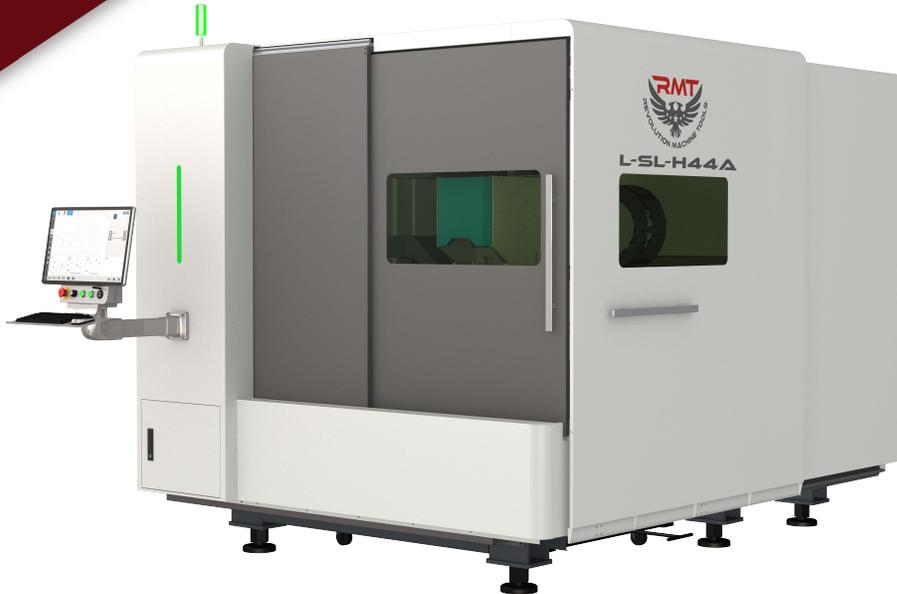




# FIBER LASER METAL CUTTING MACHINE

## FEATURES



### 360° Laser Protection

Fully enclosed cabinet - no light leakage, maximum operator safety.

### Smart Safety Doors

Locked tight during operation, with easy-access viewing windows.

### Rock-Solid Structure

Precision-welded frame for stability, high accuracy, and long service life. Built-in dust and smoke extraction keeps the workspace clean.

### Self-Lubricating System

Automatic, intelligent lubrication with zero maintenance - always smooth, always precise.

### Aerospace-Grade Beam

Lightweight yet ultra-strong aluminum for high-speed, high-precision cutting that lasts.

### Intelligent Gas Control

Automatic CNC-managed gas flow with real-time monitoring and alarms for maximum efficiency.

### Next-Gen CNC System

Simple to use, powerful to perform:

- Real-time cutting display & diagnostics
- Height tracking & path optimization
- Seamless edge finding, breakpoint return, and marking functions

## L-SL-H44A SPECS

### L-SL-H44A SPECIFICATIONS

Working Range (L x W)	1200 mm x 1200 mm (3.94' x 3.94')
Z-Axis Travel	80 mm (0.26')
X/Y Axis Positioning Accuracy	± 0.05 mm/m
X/Y Axis Re-Positioning Accuracy	± 0.03 mm
Max. Linkage Speed	100 m/min (≈ 328 ft/min)
Max. Linkage Acceleration	1.0g (9.81 m/s <sup>2</sup> )
Overall Capacity/Current	19 kW/38A
Max. Loading Weight	≈225 kg (156 kg/m <sup>2</sup> )
Overall Dimensions	3000 mm x 2300 mm x 2260 mm (9.84' x 7.55' x 7.41')
Power	6 kW

Due to ongoing product development, machine specifications can change at any time

