

Company profile

60+

Overseas service agencies

80,000M²

Global top machining and assembly center

155+

Export countries & regions

8

Global service centers

100,000+

Satisfied customers worldwide

MORN LASER, MAKE SUPERIOR LASER PRODUCTS LET GLOBAL MANUFACTURERS BENEFIT!

Morn Laser embraces the ever-changing fabrication demand with a strong commitment to excellent quality and reliable service.

Since our establishment in 2008, we have provided state-of-the-art laser manufacturing solutions to over 100,000 customers in more than 155 countries. The 80,000 square-meter factory equips us with a powerful capacity to maximize your productivity.

Morn Laser strives to help those who believe in us succeed. The focus is on the automation and digitalization of the metal cutting, welding, marking, and cleaning process chain. With 16 years of experience dedicated to the laser industry, our laser equipment is not only certified by the FDA, CE, UL, and ASME but also widely recognized by fabricators and distributors worldwide.



Q morn laser



L series

HEAVY DUTY FOUR-CHUCK TUBE LASER
CUTTING MACHINE



SET THE STANDARD
OF EXCELLENCE

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L series

Heavy Duty Four-chuck Tube Laser Cutting Machine

3-20kW

Laser Power

0.8G

Max. Linkage Acceleration

70m/min

Max. Axis Linkage Speed



4-chuck Technology

Adaptive clamping for precise tube cutting



True Zero Tailing

Zero tailing for lower costs and higher efficiency



Auto Load & Unload

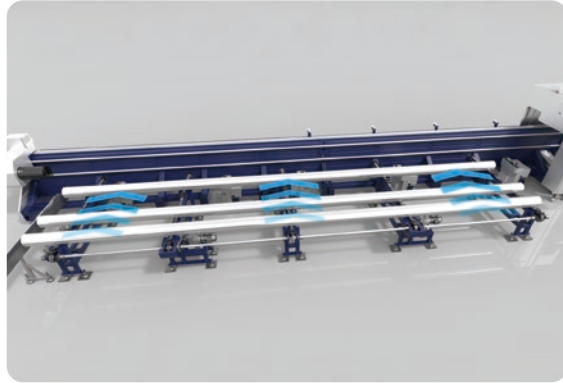
Reduces labor while improving productivity



High Load Stability

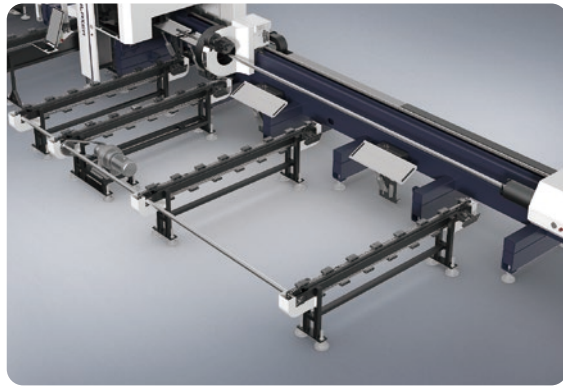
Stable, precise, and reliable under heavy loads

Performance Advantages



Automatic Loading System

Seamlessly feeds multiple tubes with high efficiency and minimal manual intervention, ensuring stable positioning for continuous, high-speed production while reducing downtime and improving overall processing consistency.



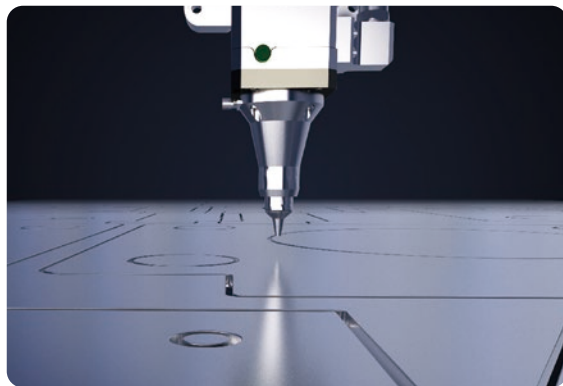
Automatic Unloading System

Automatically collects and sorts finished tubes to reduce labor intensity, improving workflow efficiency while protecting workpieces from damage and enabling smoother, more organized production flow.



Zero Waste Cutting

Advanced four-chuck coordination enables near-zero tail cutting for maximum yield, minimizing material waste and significantly lowering production costs while enhancing material utilization and overall profitability.



Auto-Focus Adaptive Laser Cutting Head

Automatically adjusts focal position according to material thickness for consistent and high-precision cutting results, improving processing speed and stability while reducing manual adjustment and ensuring reliable performance in enclosed operation.

Cutting Samples



Industries Served

Construction Machinery

Large Tubes · Heavy-Duty Processing · High Precision



Shipbuilding & Offshore Engineering

Large Pipes · Heavy Sections · Stable Processing



Steel Structure Manufacturing

Heavy Profiles · Large Dimensions · Efficient Production



Industrial Equipment Manufacturing

Heavy Tubes · Precision Cutting · Reliable Production



Technical Specifications

Model	L Series
Laser Power	3000W-20000W
Bevel Cutting Angle	±45°
Tube Diameter	Φ20mm-240/360/450/520mm
Tube Length	Standard 6m/9m/12m
X/Y Re-positioning Accuracy	±0.03mm
Max. Linkage Speed	70m/min
Max. Linkage Acceleration	0.5-0.8G