

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.



X series

INTELLIGENT THREE-CHUCK TUBE FIBER LASER
CUTTING MACHINE



SET THE STANDARD
OF EXCELLENCE

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X series

Intelligent Three-chuck Tube Fiber Laser Cutting Machine

3-20kW

Laser Power

0.8G

Max. Linkage Acceleration

70m/min

Max. Axis Linkage Speed



3-chuck Technology

Improves accuracy and efficiency for tube processing



One-Click Clamping

Enables fast and precise tube positioning



Ultra-Short Tailings

Maximizes material utilization with less waste

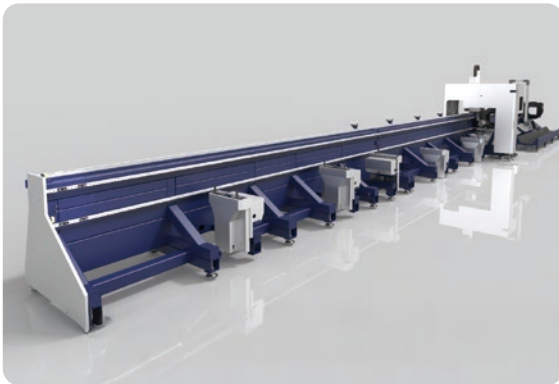


Automatic Loading

Reduces labor while improving production efficiency

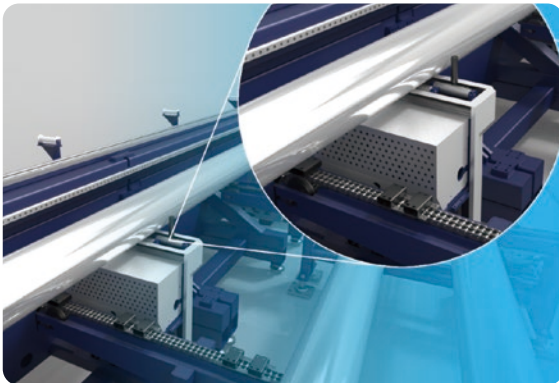


Performance Advantages



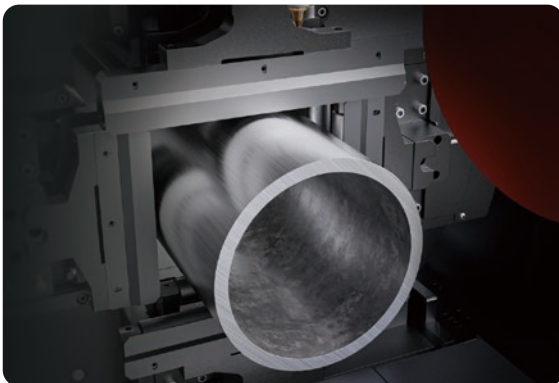
Heavy-duty Side-mounted Bed Design

Low-center-of-gravity side-mounted design enables easier loading, while the heat-treated heavy-duty bed ensures long-term stability and deformation-free performance.



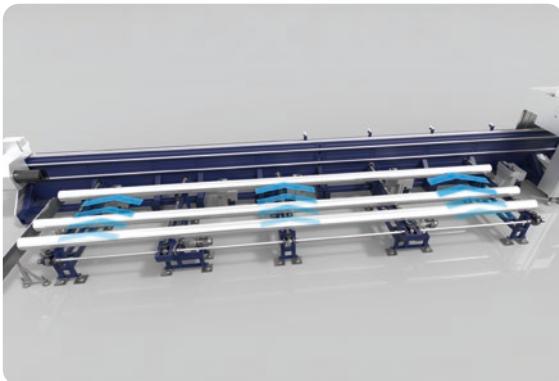
Independent Follow-up Support System Design

The independent follow-up support system automatically adapts to tube diameters, preventing sagging and ensuring stable, high-precision processing of long and heavy tubes.



Full-stroke Precision Square-bore Chuck

The full-stroke precision square-bore chuck enables jaw-free clamping across a wide diameter range, delivering faster setup, reliable sealing, and reduced maintenance.



Automatic loading system

The automatic loading system streamlines tube handling with one-click loading, improving efficiency, reducing labor requirements, and supporting flexible production needs.



Cutting Samples



Industries Served

Construction Machinery

Heavy Tubes · Stable Processing · High Efficiency



Excavator Booms · Crane Components · Heavy Equipment Frames

Agricultural Machinery

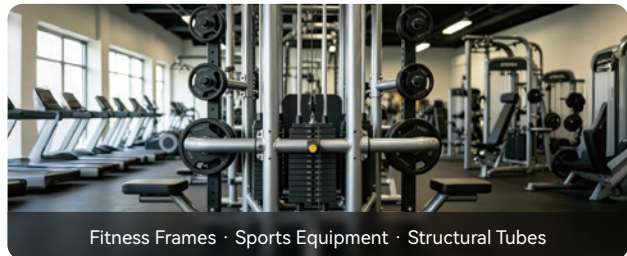
Heavy Tubes · Precision Cutting · Reliable Production



Tractor Frames · Harvester Components · Equipment Structures

Fitness Equipment Manufacturing

Precision Cutting · Consistent Quality · Automation



Fitness Frames · Sports Equipment · Structural Tubes

New Energy

Long Tubes · High Accuracy · Efficient Production



Solar Structures · Tracking Systems · Support Frames



Technical Specifications

Model	X 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	0.8G