

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.

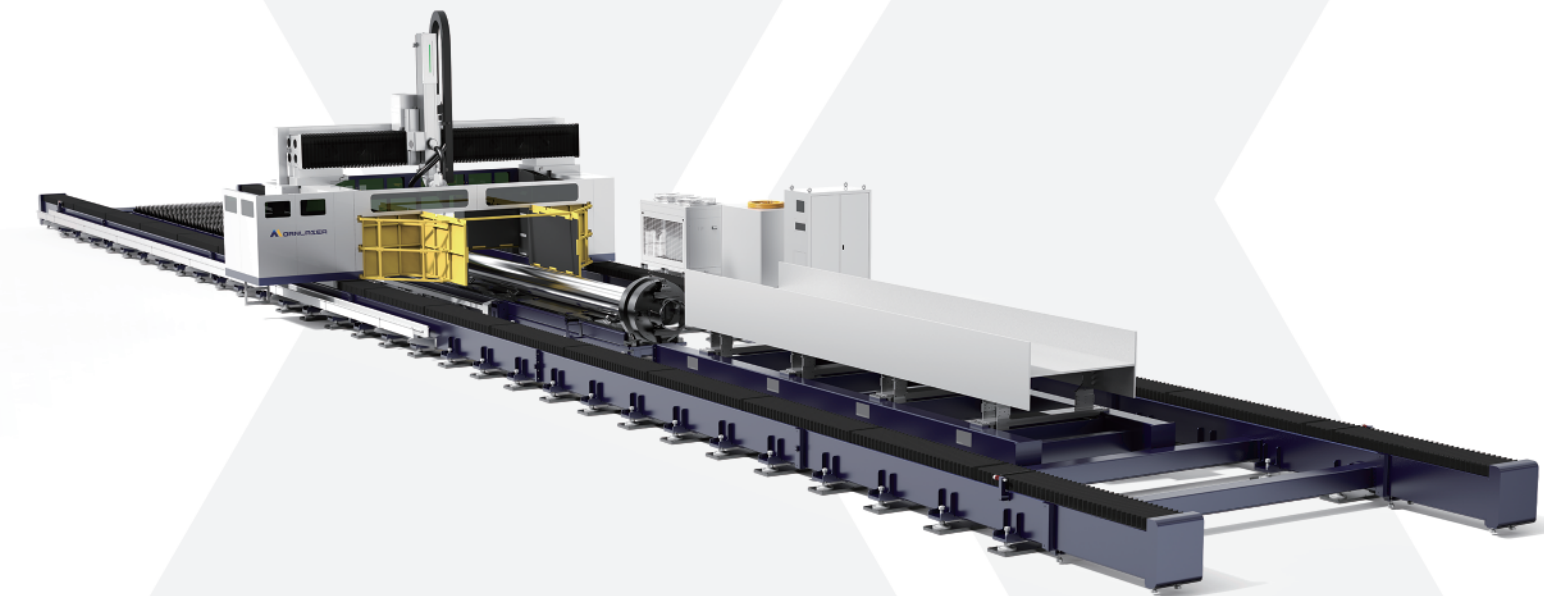
Since our establishment in 2008, we have provided state-of-the-art laser manufacturing solutions to over 100,000 customers in more than 155 countries. The 80,000 square-meter factory equips us with a powerful capacity to maximize your productivity.

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.



H series

H-BEAM LASER CUTTING MACHINE



SET THE STANDARD
OF EXCELLENCE

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H series

H-Beam Laser Cutting Machine

12-40kW

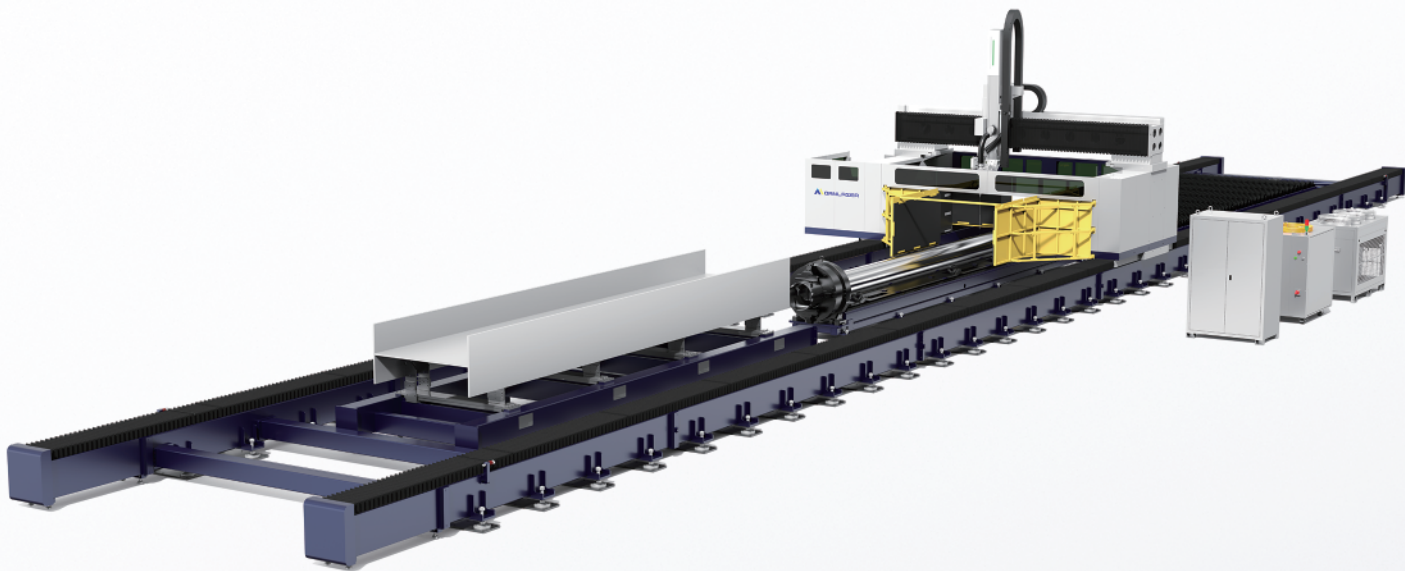
Laser Power

0.5G

Max. Linkage Acceleration

60m/min

Max. Linkage Speed



Profile Cutting

Stable cutting
of large-size
profile steel



Precision Bevel

High-precision
bevel



Smart Path

Automatic path
planning, automatic
obstacle avoidance

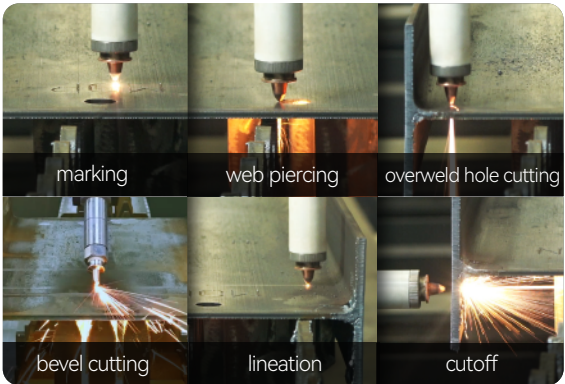


Weld Mark

One-click
weld position
marking

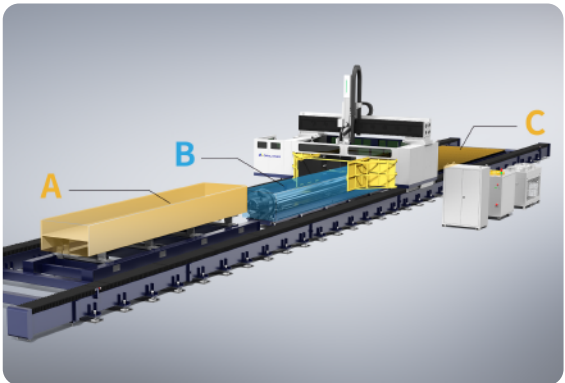


Performance Advantages



Multiple processes, one-stop solution

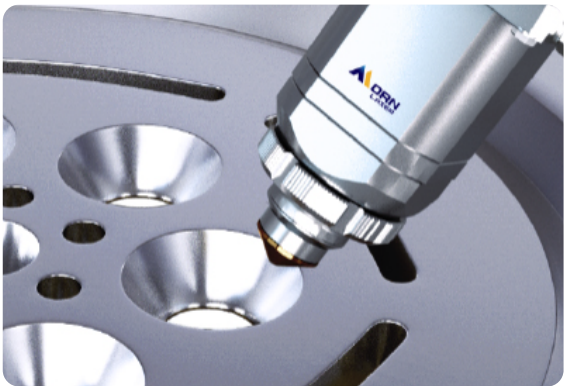
Marking, web piercing, overweld hole cutting, bevel cutting, cutoff, and other processes can all be performed with a single machine, providing versatile and efficient metal processing capabilities.



One-stop solution for diverse processing tasks

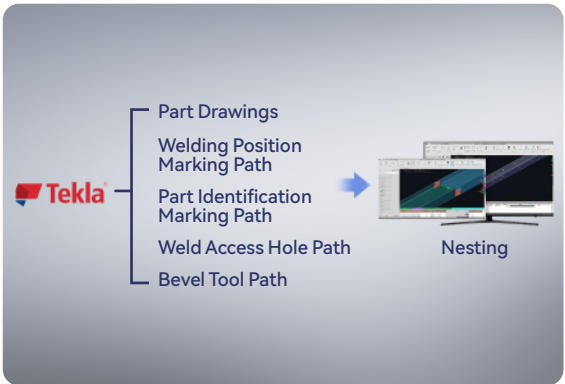
Ection steel cutting machines offer flexible station configurations to match actual processing needs. Each station can be customized with three options:

- Plate cutting – Modular design compatible with standard flat cutting platforms
- Profile cutting – Pneumatic table for H-profiles
- Tube cutting – Dedicated table for heavy-duty round tubes



±45° bevel cutting

Cutting parameters can be adjusted in real time during operation, supporting workpiece surface height tracking, ±45° bevel cutting, multiple cutting modes, and various piercing methods for maximum flexibility and precision.



Seamless integration with Tekla for efficient nesting

Paired with TubesT steel profile nesting software, it seamlessly integrates with Tekla for efficient drawing, nesting and optimized toolpaths. It automatically prints part names and welding positions on each piece, simplifying traditional workflows and boosting efficiency.



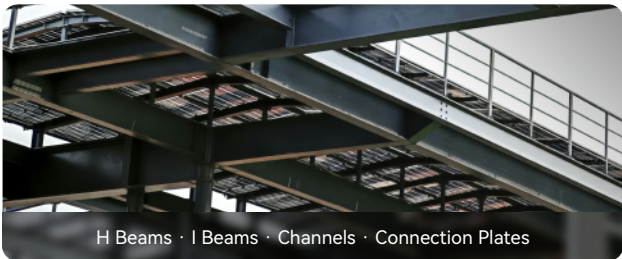
Cutting Samples



Industries Served

Steel Structure

Heavy-Duty Cutting · Bevel Processing · High Efficiency



Automotive Manufacturing

High Precision · Consistent Quality · Mass Production



New Energy

Precision Processing · Stable Production · High Efficiency

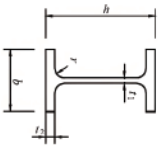


Industrial Construction

Large Profile Cutting · Reliable Performance · High Efficiency



Technical Specifications



Model	H45100	HD60120
Profile steel Cutting Range(Customizable)	Width: 150mm≤h≤1000mm Height: 100mm≤b≤450mm	Width: 150mm≤h≤1200mm Height: 100mm≤b≤600mm
Maximum pipe length	13000mm (Single Station)	
Laser Power	12-40kW	
Machining area(length×width) (Vertical cutting)	13000×2000mm	13000×2500mm
Machining area(length×width) (bevel cutting)	12400×1400mm(F250) 12400×1350mm(F300)	12400×1900mm(F250) 12400×1850mm(F300)