

Company profile

60+

Overseas service agencies

80,000M²

Global top machining and assembly center

155+

Export countries & regions

8

Global service points

100,000+

Serving satisfied customers worldwide

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

Founded in 2008, is a globally renowned provider of intelligent laser processing solutions dedicated to the R&D, production, sales, and service of laser processing equipment.

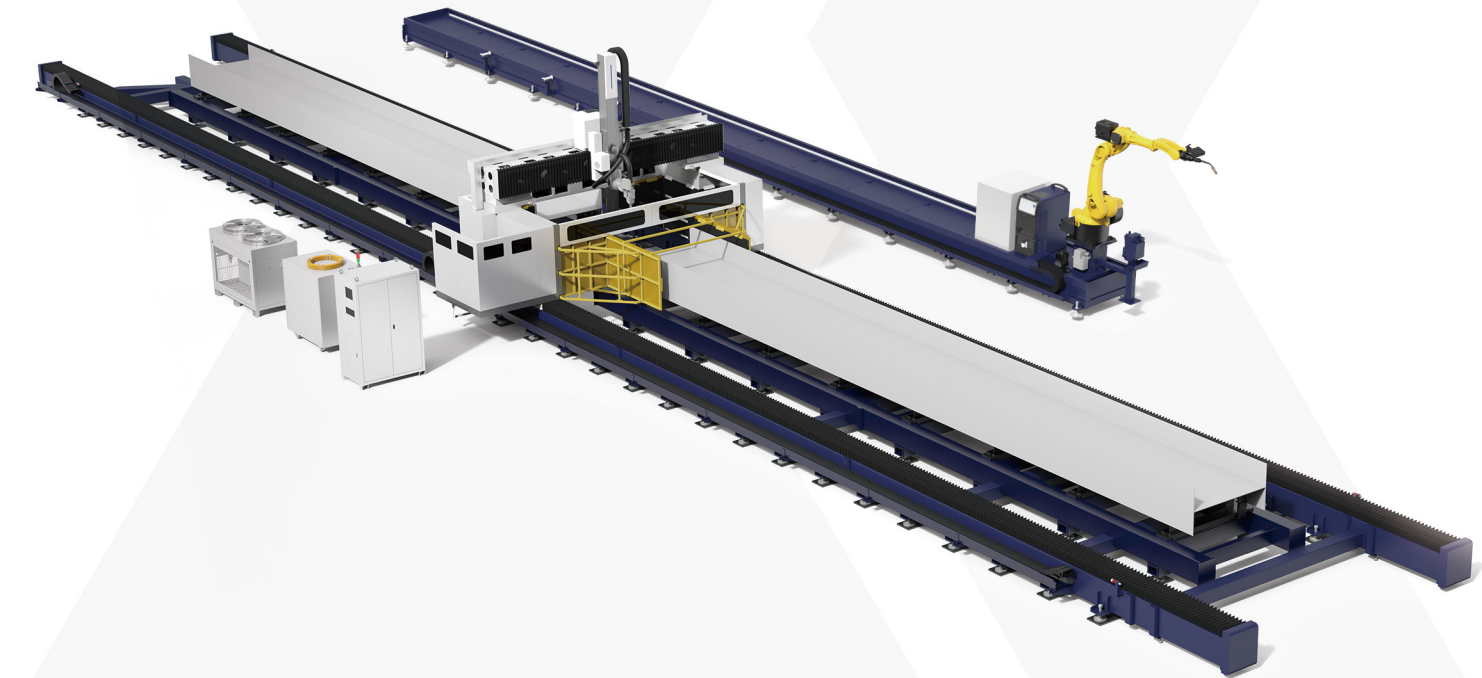
Headquartered in Jinan, Shandong, China, Morn Laser has established 8 service points worldwide, including in Hong Kong, the United States, Italy, Romania, and Hungary. It serves over 150 countries and regions globally and has garnered satisfaction from more than 100,000 customers worldwide. The company is committed to delivering more efficient, precise, and forward-looking laser products to its global clientele.

Morn Laser holds over 30 core patents and has obtained certifications including the ISO9001 Quality Management System certification, EU CE certification, National High-Tech Enterprise certification, and more than 20 specialized certifications awarded by authoritative industry organizations.



INTELLIGENT SOLUTION FOR STEEL SECTION PROCESSING

STEEL SECTION CUTTING MACHINE + INTELLIGENT WELDING STATION



SET THE STANDARD
OF EXCELLENCE

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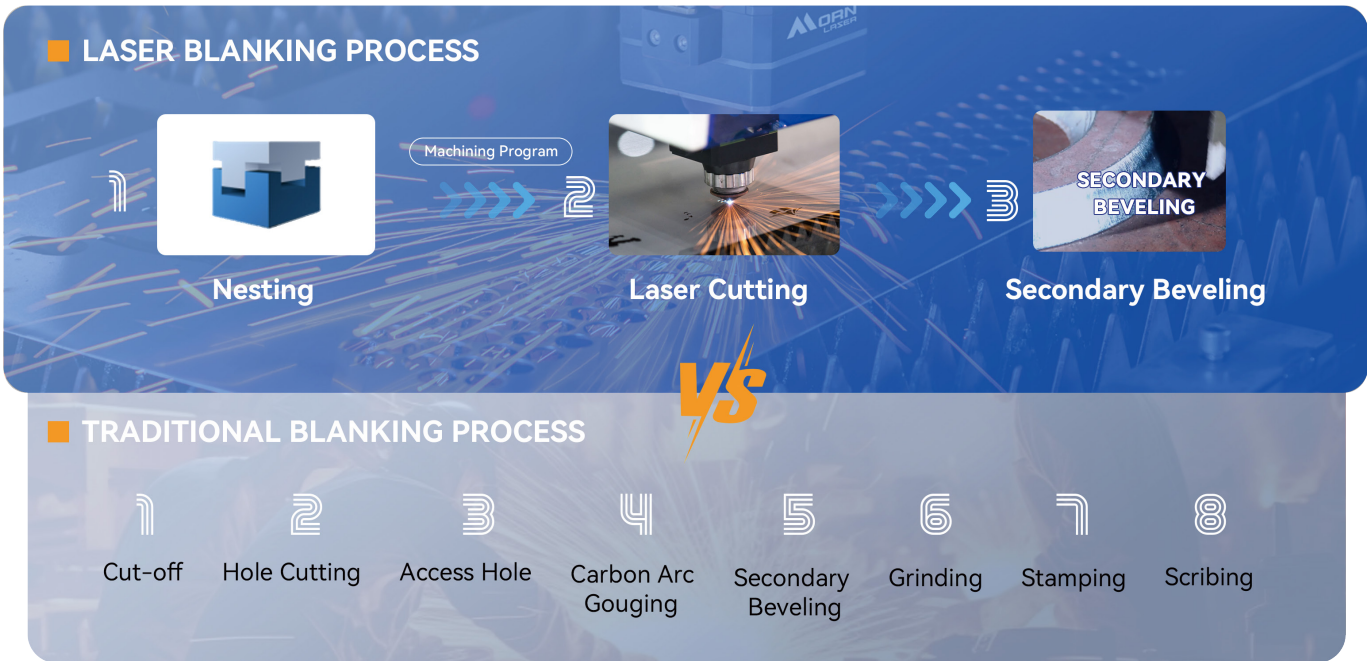
ONE DRAWING SET FOR ALL PROCESSES

It supports teaching-free welding of various steel structures such as crane beam, rib plates, purlin support plates, corbel, bridge diaphragms, ship-building subassemblies, etc. It also has one-key disassembly of TEKLA steel structure workshop, easy to import single components into the robot system, which is convenient and fast.



FEWER STEPS, EASIER CUTTING

Traditional plasma or manual production requires 8 processes, while laser cutting and blanking requires only 2–3 processes, significantly improving blanking efficiency.



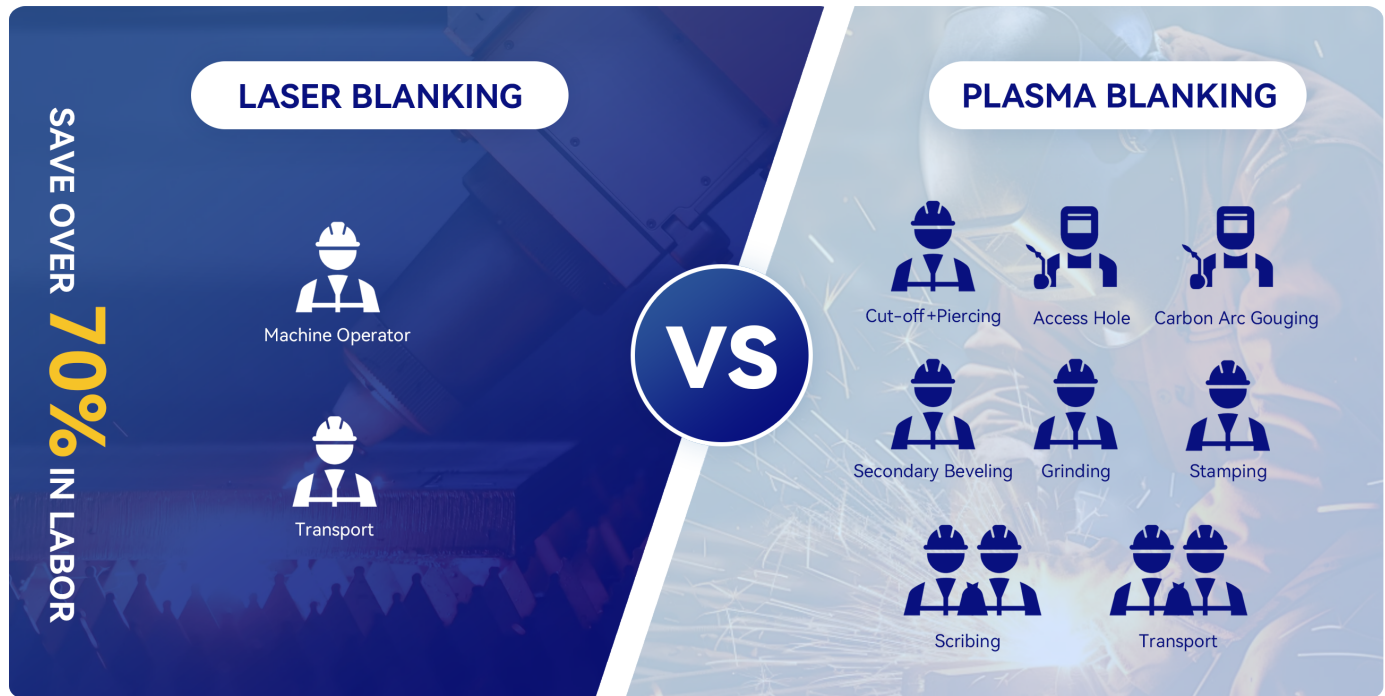
LOWER SITE COSTS

The reduction in production processes means fewer material storage and handling steps, reducing floor space by over 60%.



LABOR COST REDUCTION

1. Eliminates the need for separate drafting and nesting technicians. Tekla drawings can be disassembled and imported for nesting with one click, making the parts immediately ready for production.
2. Thanks to the machine's multi-functionality, the entire blanking process requires only a machine operator, effectively saving over 70% in labor costs.



INTELLIGENT TEACH-LESS WELDING



EQUIPMENT PARAMETERS

Model	H45100	HD60120
Profile steel Cutting Range _(Customizable)	Width: 150mm≤h≤1000mm Height: 100mm≤b≤450mm	Width: 150mm≤h≤1200mm Height: 100mm≤b≤600mm
Standard Loading Length	12000mm	
Laser Power	12kW-40kW	

Applicable scenarios	Secondary processing of section steel
Number of welding stations	1 or 2
Travel axis stroke	12000 mm
Maximum reach of robotic arm	2010 mm
Maximum travel speed	≤0.4m/s
Welded workpiece length	≤12000 mm
Maximum workpiece height	≤1500 mm
Workpiece welding thickness	≤200 mm