# MACH 3015/4020/6025

MACH SERIES FIBER LASER CUTTER

■ Customer benefits

- Hydraulic lifting platform, stable and efficient cutting;
- The key components are all German accessories, high-end configuration, good stability and durability;
- Driven by high-precision servo motor, equipped with high-precision transmission mechanism, high installation accuracy, large transmission torque, small transmission error, and good dynamic characteristics;
- Equipped with automatic energy-saving device, the machine will automatically enter the hibernation state when the equipment is suspended for more than 5mins;
- Optional CCD eagle eye recognition technology, optical eye search edge, extremely fast. Supports secondary cutting function, secondary processing is easy, and waste cutting can also be handled freely;
- Developed variable frequency cutting zoom perforation technology ensures high-efficiency and high-quality processing of plates of different thicknesses and materials. All process parameters can be fully digitally controlled, which greatly reduces manual intervention and is intelligent and simple.
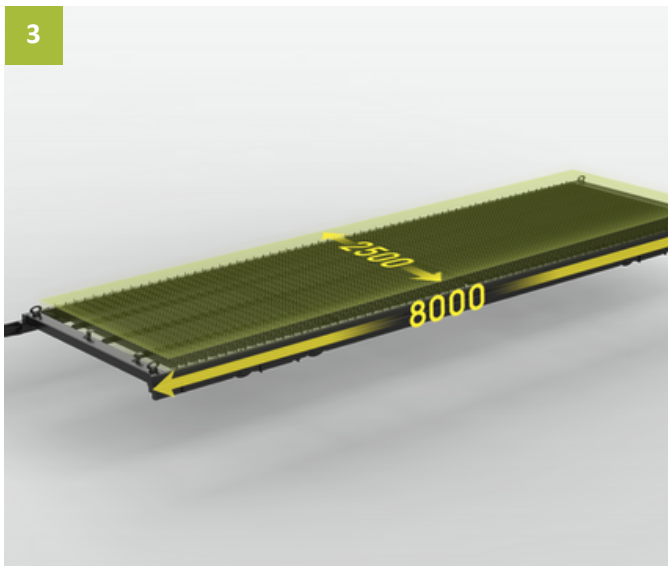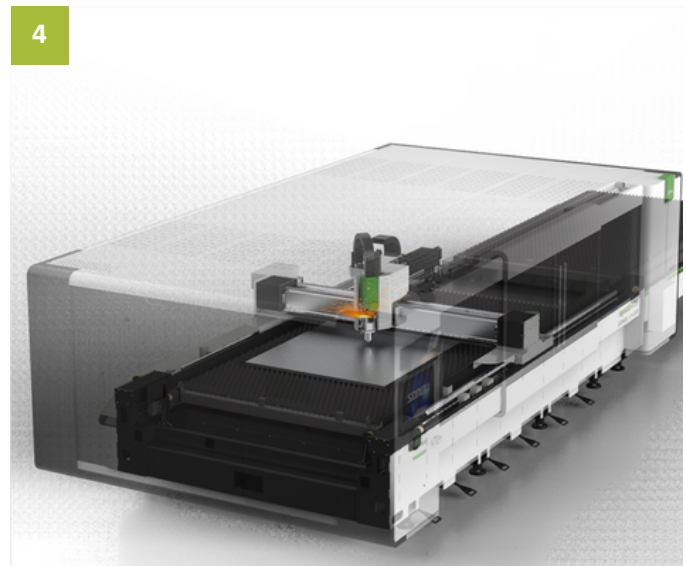
■ Characteristics

1
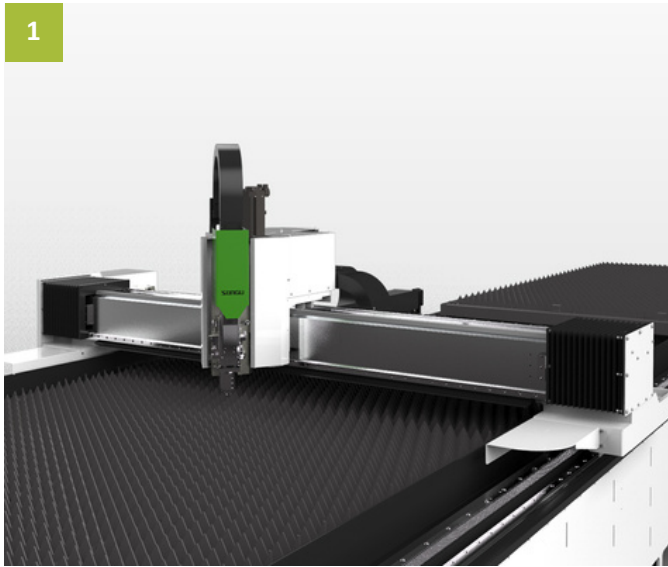
Aviation aluminum
lightweight gantry design

2

BECKHOFF 5-axis
numerical control system

3

Super large format
high efficiency cutting

4

Totally enclosed design
with radiation-proof grass

■ Specification

Model	MACH3015	MACH4020	MACH6025
Working area	3000×1500mm	4000×2000mm	6000×2500mm
Laser power	6000~30000W	6000~30000W	6000~30000W
Positioning accuracy	±0.05mm/m	±0.05mm/m	±0.05mm/m
Repeated positioning accuracy	±0.03mm/m	±0.03mm/m	±0.03mm/m
Working table exchange time	45s	50s	70s
Max positioning acceleration	2.7G	2.7G	2.4G
Max coordinated speed	196m/min	196m/min	169m/min
Weight	10030kg	13600kg	19000kg
Overall dimension	9100×3450×2250mm	11200×3800×2250mm	15200×4400×2250mm