

Master "M" Series

M4/M6/M8/M12

Large Scale and High Power Fiber laser cutting machine

Technical Parameters

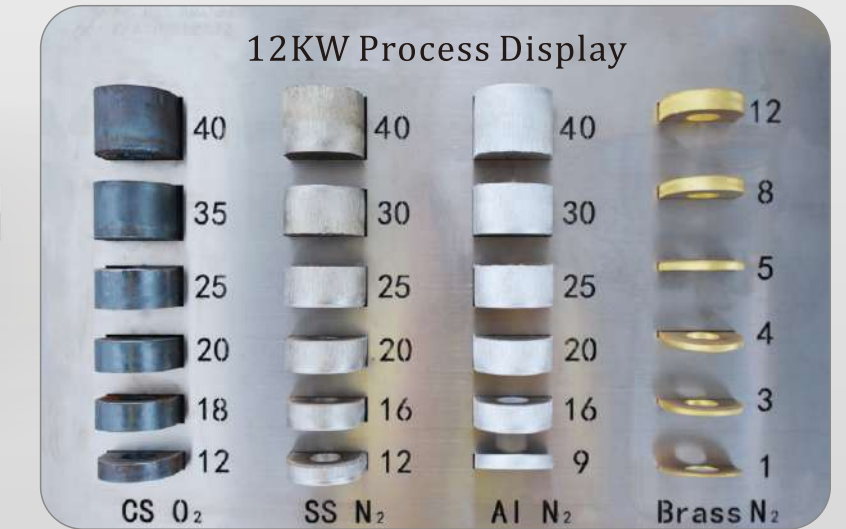
Processing format:
2000mm*4000mm
2000mm*6000mm
2500mm*4000mm
2500mm*6000mm
2000mm*8000mm
2500mm*8000mm
2500mm*12000mm
3000mm*12000mm
Laser power: 12000W~30000W
Positioning accuracy: 0.05mm
Repositioning accuracy: 0.03mm
Maximum positioning speed: 160m/min
Maximum acceleration: 2.0g



Main Features

- ✓ New CNC Laser BUS Control software
- ✓ Intelligent Bus laser cutting head
- ✓ Enrich plate processing technology library
- ✓ Heavy high-strength bed
- ✓ Independent partition dust
- ✓ Super powerful driven tables
- ✓ Aviation aluminum beam

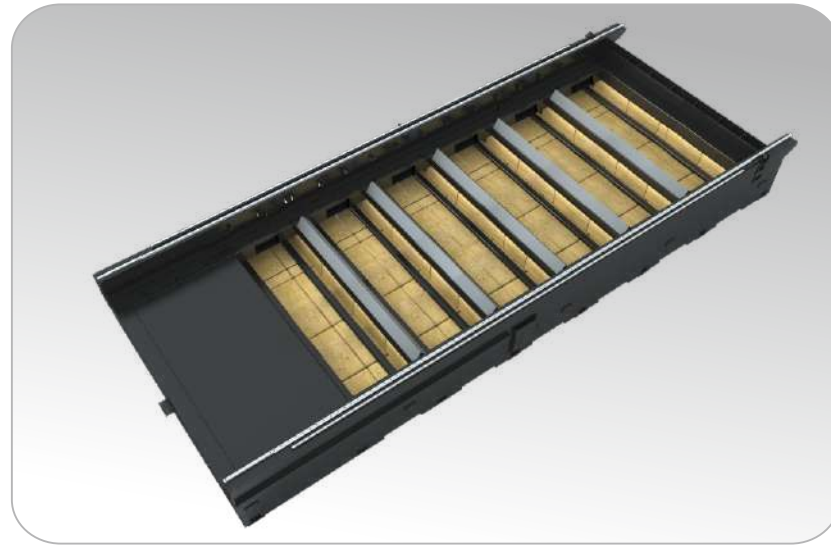
Samples





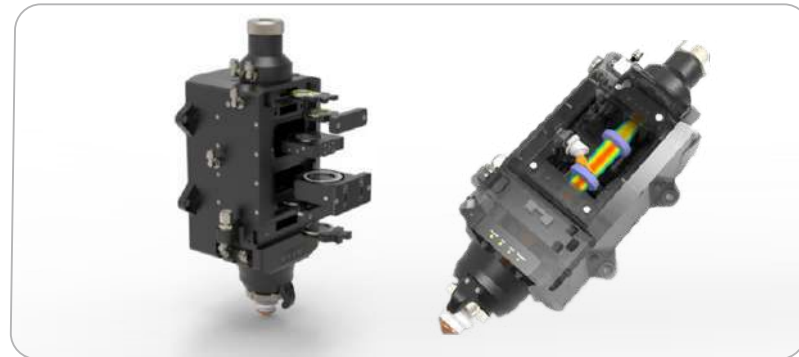
Independent Partition Dust Extraction

Adopt the built-in exhaust pipe system: avoiding the smoking pollution, ensuring safety and environmental friendly; Strong suction and dust removal can effectively prolong the lifetime of machine parts.



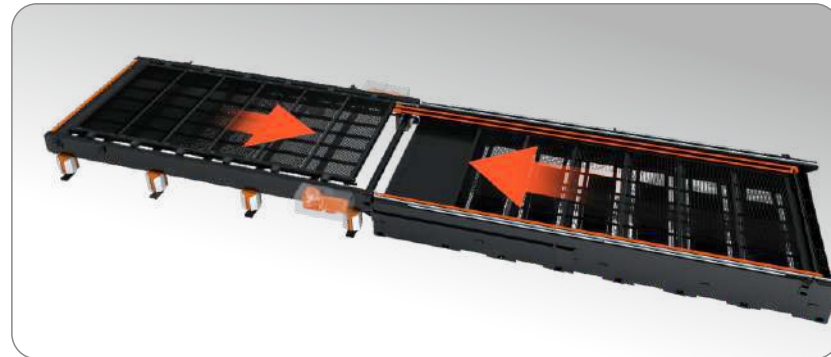
Heavy High-strength Bed

The machine body is made of high-strength full-thickness steel plate welding, the tensile capacity is better. Heavy duty bed has small mechanical vibration and good resistance to ensure cutting precision. At the bottom of the bed, the graphite layer is added to reduce the deformation during heating, prolong the lifetime of the machine bed.



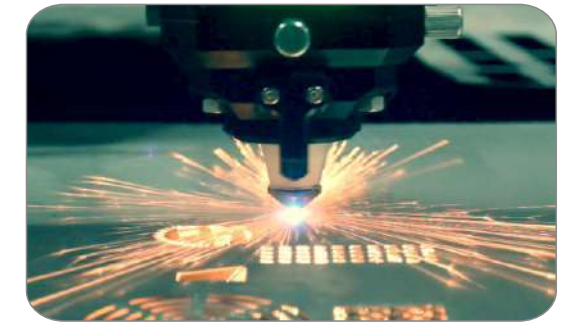
Intelligent Bus Laser Cutting Head

With the advantage of convenient installation, simple debugging, excellent performance, adapting ultra-precision, ultra-smooth lens processing technology, highly sealed, dustproof and waterproof, to achieve long-term reliable and stable operation in the daily industrial environment.



Super Powerful Driven Exchange Table

Equipment exchange tables adopt bilateral high power motor drives, which can support overweight plates, ensure exchange synchronization is high.



Enrich Plate Processing Technology Library

- **Touch screen operation:** high-end Touch operation interface.
- **Visual material reproduction:** visual recognizing device focus on the position of the plate to realize super-efficient recycling of surplus material.
- **Intelligent anti-collision protection:** dual-drive balance real-time calibration, air-moving obstacle avoidance, biometric collision avoidance, etc.
- **Convenient functions:** provide one-key cut-off, automatic edge finding, automatic calibration, intelligent focus test, air pressure calibration, etc.
- **Various perforation processes:** non-inductive perforation, lightning perforation, multi-level perforation, lead strategy, perforation slag removal, etc.
- **High-quality cutting:** flying cutting, air cutting, bright surface cutting, smart leapfrog, etc.

New Cnc Laser Bus Control Software

New CNC laser bus control software We use the latest highest-end bus-type dedicated CNC laser cutting software. It is divided into 7 modules, which are making plan, production, debugging, technology, diagnosis, maintenance, and setting etc, aiming at providing modular, personalized, automated, and informatized solutions. It can be smart compatible to the MESS data management system to achieve Industry 4.0.



Main Features