

LASER MASTER

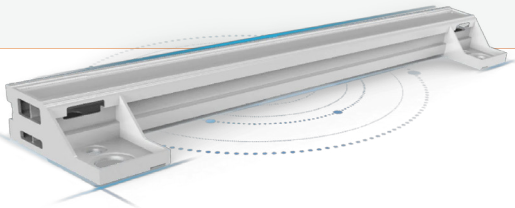
3kW Sheet Laser Cutting Machine

OT 3015-3



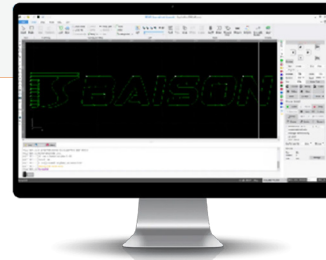
LASER MASTER OT 3015-3

A compact, high-performance fiber laser cutting machine engineered for precision, efficiency, and affordability. Designed with small to medium-sized businesses in mind, it combines robust construction with advanced cutting capabilities to deliver clean, accurate results across a wide range of metals. Its open-table layout and compact footprint make it ideal for workshops with limited space, while its user-friendly interface and low maintenance requirements ensure smooth day-to-day operation.



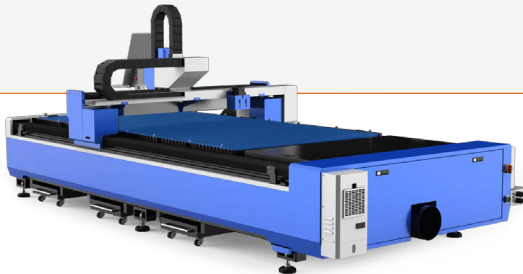
Aviation-Grade Aluminum Beam

Crafted using high-pressure, one-piece forming technology, the lightweight yet durable aluminum beam delivers superior strength, rigidity, and flexibility - ensuring fast, stable motion and long service life.



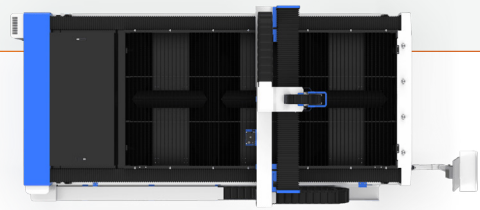
Intelligent Control System

Designed for ease of use and stable performance, the intelligent control system offers a rich feature set that enhances cutting precision, improves material utilization, and streamlines overall productivity.



Compact, Integrated Design

Featuring an open-table layout with a single-platform structure, the machine's compact footprint is ideal for workshops with limited space, offering flexibility without compromising functionality.



Heavy-Duty Welded Bed

The reinforced steel frame undergoes advanced stress-relief treatments to ensure long-term structural integrity providing a solid foundation for high-speed and high-accuracy laser cutting.



Powerful 3kW Laser Source



Precision Cutting Performance



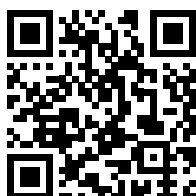
Versatile Material Compatibility

Parameters	Laser Master OT 3015-3	Laser Master OT 4020-3
Processing Format (LxW) (mm)	3000 x 1500	4000 x 2000
Power (kW)	3	3
X/Y Axis Positioning Accuracy	±0.05 mm/m	±0.05 mm/m
X/Y Axis Repositioning Accuracy	±0.03 mm	±0.03 mm
Max. Speed	100 m/min	100 m/min
Max. Acceleration	1.0G	1.0G
Laser Source	Raycus	Raycus
Voltage Stabiliser	50 KVA	50 KVA
Cutting Head	BOCI BLT310	BOCI BLT310
Control System	FSCU2000E	FSCU2000E
Servo Motor	BOCHU	BOCHU
Power Supply	380V / 50Hz / 3 Phase	380V / 50Hz / 3 Phase
Guide Rail	SHAC Linear Guide Rail	SHAC Linear Guide Rail
Speed Reducer	Techmech	Techmech
Proportional Valve	Inovance	Inovance
Rack and Pinion	J & T Technology	J & T Technology

Material	Max. Cutting Thickness
Carbon Steel	~16 mm
Stainless Steel	~8 - 10 mm
Aluminium	~8 mm
Brass	~6 mm
Copper	~5 mm

Note: Actual performance may vary depending on assist gas type (oxygen, nitrogen, or air), material surface condition, and cutting speed settings. These values are based on optimal conditions using high-purity gas and quality sheet material.

CUTTING SAMPLES



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LASER MACHINES