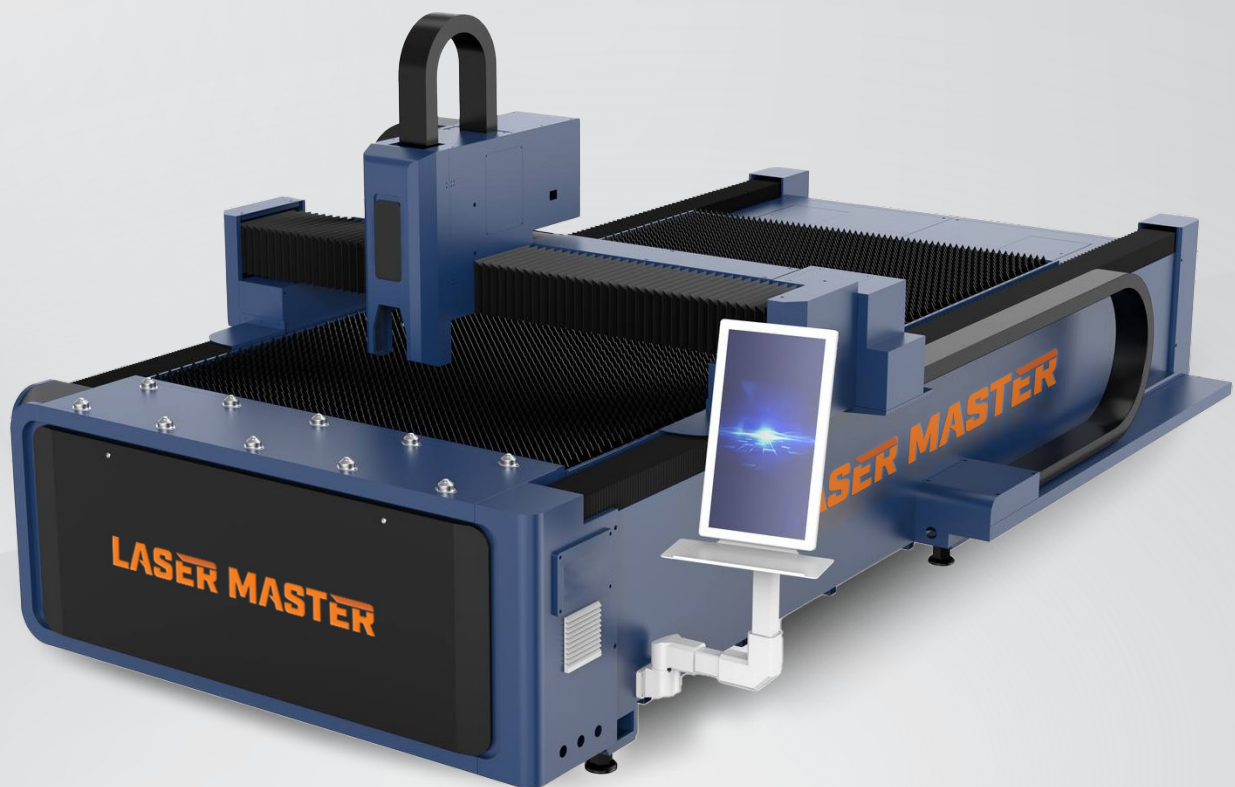


LASER MACHINES

LASER MASTER

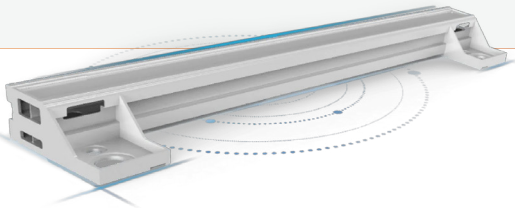
6kW Sheet Laser Cutting Machine

OT 3015-6



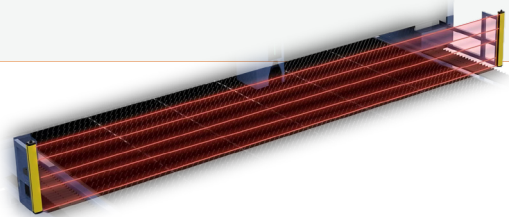
LASER MASTER OT 3015-6

A powerful and reliable 6kW fiber laser cutting machine, the OT 3015-6 is built for precision metal processing in industrial and fabrication settings. With a 3000 × 1500 mm open-table design, it allows easy manual loading and unloading - ideal for workshops without full automation. Its rugged frame and precision laser head ensure stable, high-speed cutting across a range of sheet metals, while the user-friendly interface and low maintenance make it a smart choice for boosting productivity with minimal complexity.



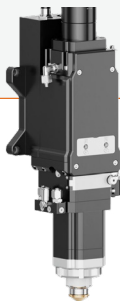
High-Strength Steel Gantry

Constructed from reinforced steel plates welded onto durable steel tubing, and put through an annealing process to eliminate internal stress, ensuring long-term structural stability and consistent cutting accuracy.



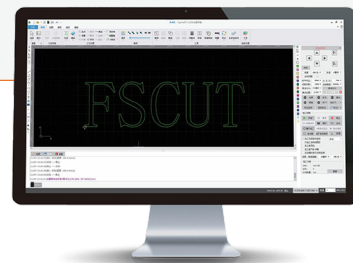
Safety Light Curtains

Integrated light curtain sensors enhance operator safety by automatically pausing operation if unexpected movement is detected - protecting both personnel and equipment from potential harm.



Advanced Laser Cutting Head

Equipped with a robust structure, efficient cooling system, and dust-proof design, this fiber laser cutting head ensures stable focus, consistent cutting quality, and reliable performance on thick and thin metals.



Intelligent Bus Cutting System

Boosts cutting efficiency with smoother motion and faster response, plus incorporates intelligent movement functions and modes to ensure high-speed, stable, and accurate performance throughout the cutting process.



Compact, Open Table Design



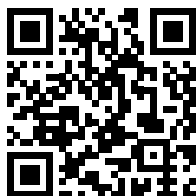
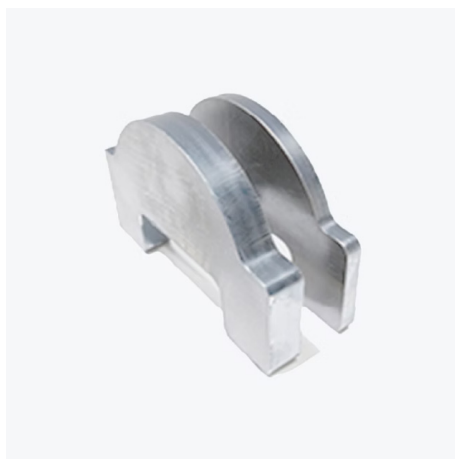
Precision Linear Guide System



Versatile Material Compatibility

Parameters	Laser Master OT 3015-6	Laser Master OT 4020-6
Processing Format (LxW) (mm)	3000 x 1500	4000 x 2000
Power (kW)	6	6
X/Y Axis Positioning Accuracy	±0.03 mm/m	±0.03 mm/m
X/Y Axis Repositioning Accuracy	±0.02 mm	±0.02 mm
Max. Speed	100 - 150 m/min	100 - 150 m/min
Max. Acceleration	1.0G	1.0G
Laser Source	Raycus	Raycus
Voltage Stabiliser	50 KVA	50 KVA
Cutting Head	BOCI BLT421	BOCI BLT421
Control System	FSCU4000E	FSCU4000E
Nesting Software	CYPNEST	CYPNEST
Servo Motor	Inovance	Inovance
Guide Rail	SHAC Linear Guide Rail	SHAC Linear Guide Rail
Speed Reducer	TECHMECH	TECHMECH
Rack and Pinion	TWEBOLUN	TWEBOLUN
Water Chiller	S&A	S&A

CUTTING SAMPLES



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