

TIGERTEC

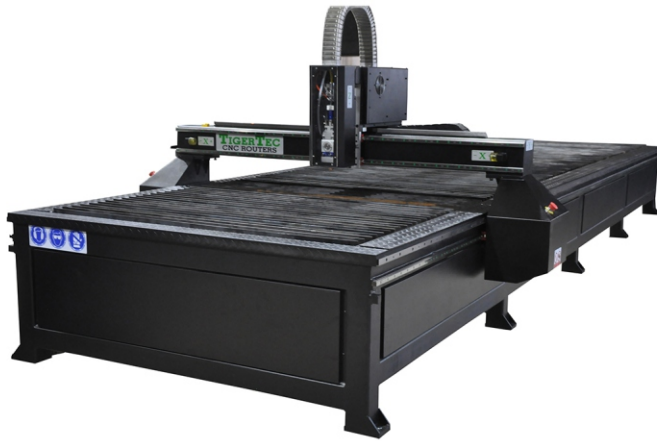


FIBER LASER SERIES

Fiber Laser cutting machine is a state-of-the-art flying optic laser cutting machine for the most demanding high production metal fabricators. Cut through nearly any type of metal quickly and easily with a high range of precision and accuracy. Coupled with advanced and easy-to-use CypCut control software allows your employees to efficiently integrate into your workflow.



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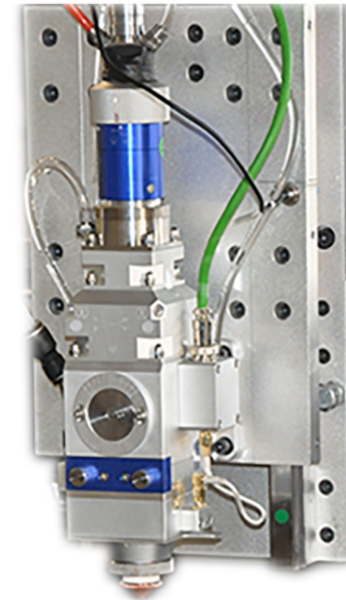
Machine bed

Heavy-duty with strength steel welded structure and internal stress is eliminated by annealing.



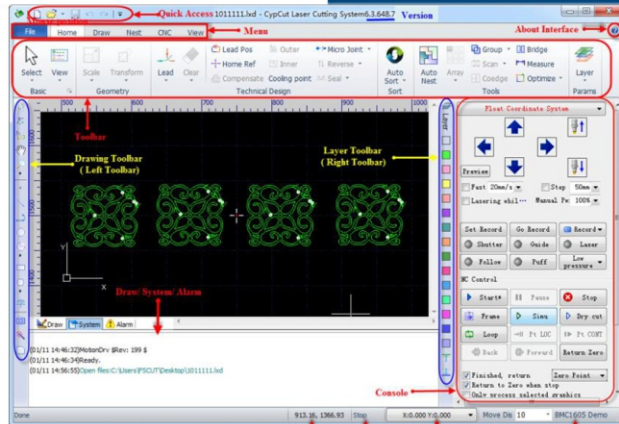
Laser source

Now use Raycus and IPG laser source. IPG is the Germany brand, higher price. Raycus is Chinese most popular brand, now is using widely in fiber laser machines. Price is lower than IPG, and service is more quickly.



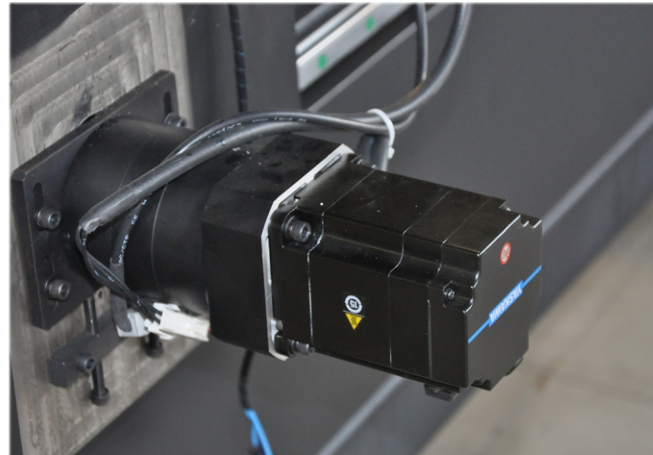
Auto Height Laser Head-Automatic obstacle avoidance

When the cutting head senses the raised part, it will automatically avoid to protect the laser cutting head, also can improve the work efficiency



CypCut Controller

With features of easy to install and adjust, excellent performance and fully integrated solutions



Servo driver

With this motor, the machine can realize high-precision machining at high speed.



Industry chiller

Reduce the temperature of the laser source and prevent the laser from being burned out. TEYU water coolers with reliable quality is best choice.

TigerTec Fiber Laser series

- A large-sized fiber laser that brings fine, high-precision processing to projects of nearly any size.

Need high-quality cuts ? Need to get a handle on your operating costs ? Fiber laser technology is a versatile, efficient, easy-to-use option that knows how to keep up with your needs.

Designed to meet low to medium volume production requirements of metal fabricators. Available in 5×10ft and 5x12ft standard models, as well as custom build-on-demand sizing. Machine can be easily operated by new operators and is well equipped with intelligent features to deliver worry-free, walk-away performance and high productivity. With built-in cut sheet database and high performance motion control system, will assure unsurpassed cut quality with the highest degree of accuracy every time.

Model	TRF1530 / TRF1540 / TRF1560
Working area	1500*3000mm / 1500*4000mm / 1500*6000mm
Gantry	Steel gantry
Motor	Yaskawa servo motor with Shimpo reducer from Japan
X/Y Axis positioning accuracy	±0.05mm/m
X/Y Axis repeated positioning accuracy	±0.02mm
Fiber laser source	RAYCUS / IPG / JPT 1000W/1500W/2000W/3000W
Laser head	WSX laser head (Autofocus/RAYTOOLS)
Water chiller	Teyu
Idling Speed	≦80m/min
Cutting Speed	≦50m/min
Max.Acceleration	0.8G

Applications:

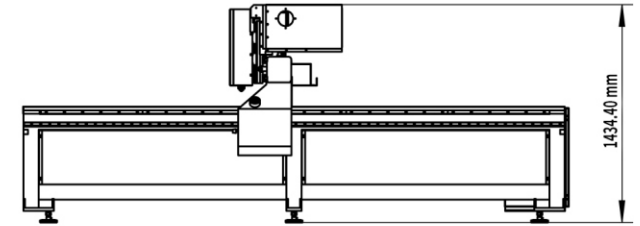
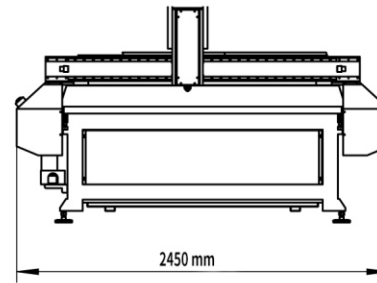
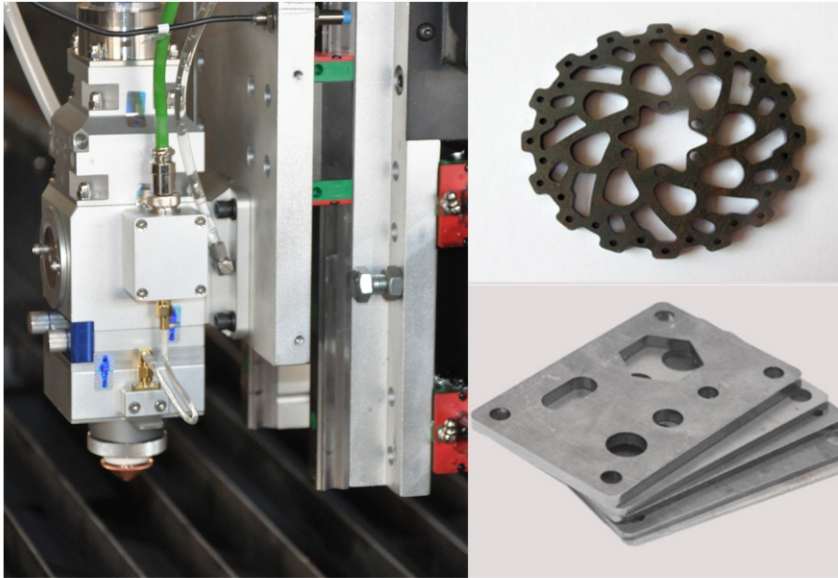
Capable of cutting carbon steel, brass, aluminum and stainless steel without fear of back reflections damaging the machine. By using these fiber laser machines, you will reduce your maintenance requirements and cut your operating costs considerably.

Applicable Industries:

Kitchen cabinets, Door processing, Lighting hardware, Chassis cabinets, Advertising signs, Elevator manufacturing, Sheet metal processing, Home appliances.



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Cutting Materials and Thickness:

Material	1000w	1500w	2000w	3000w
Carbon steel(mm)	0.4-12	0.4-16	0.4-18	0.4-20
Stainless steel(mm)	0.4-5	0.4-6	0.4-8	0.4-12
Brass(mm)	0.4-3	0.4-5	0.4-6	0.4-8
Aluminum(mm)	0.4-3	0.4-6	0.4-8	0.4-10

