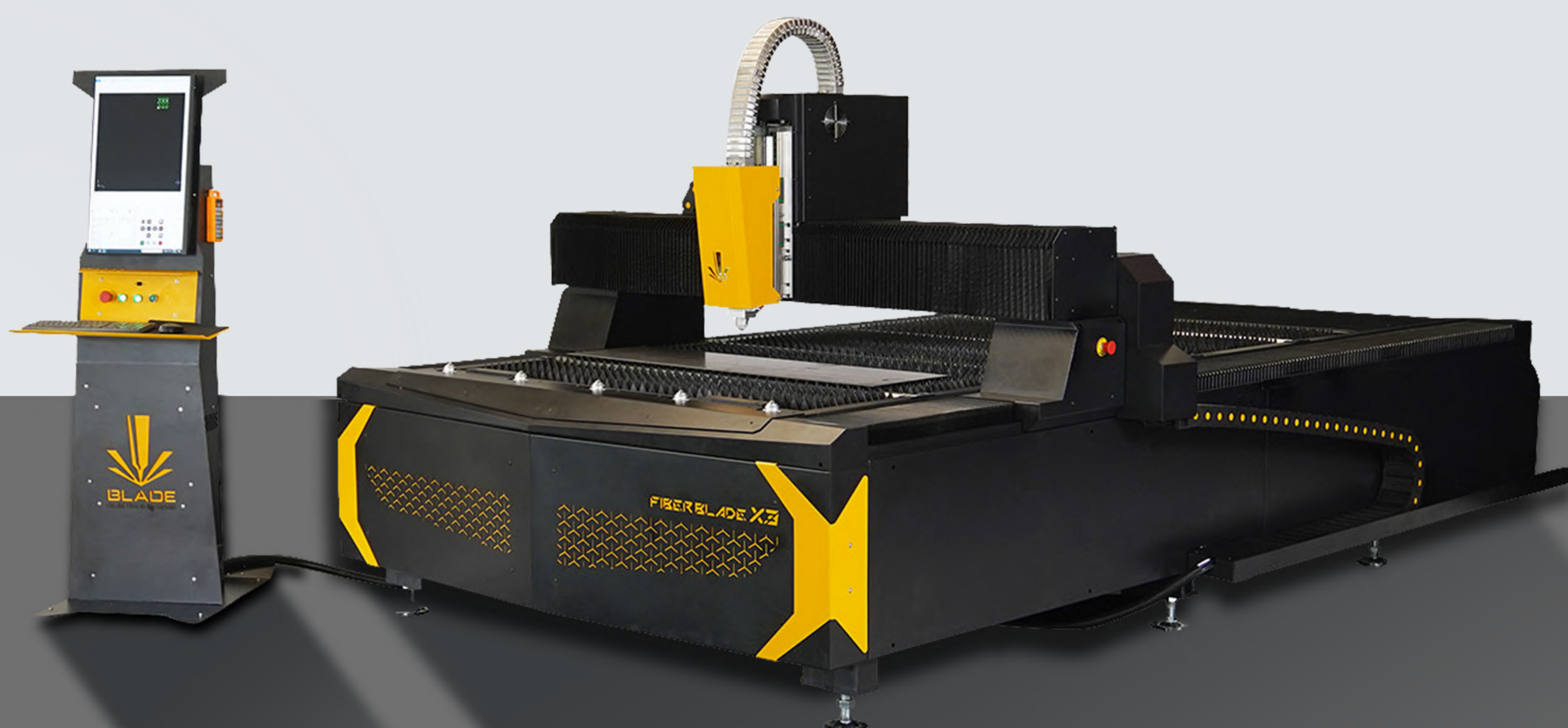


TIGERTEC FIBER LASER SERIES



FEATURES

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



It is a large-sized fiber laser that brings fine, high-precision processing to projects of nearly any size. 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 5x10ft 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 high performance and high productivity. Built-in cut sheet database and high performance motion control system assures unsurpassed cut quality with the highest degree of accuracy every time.

FEATURES



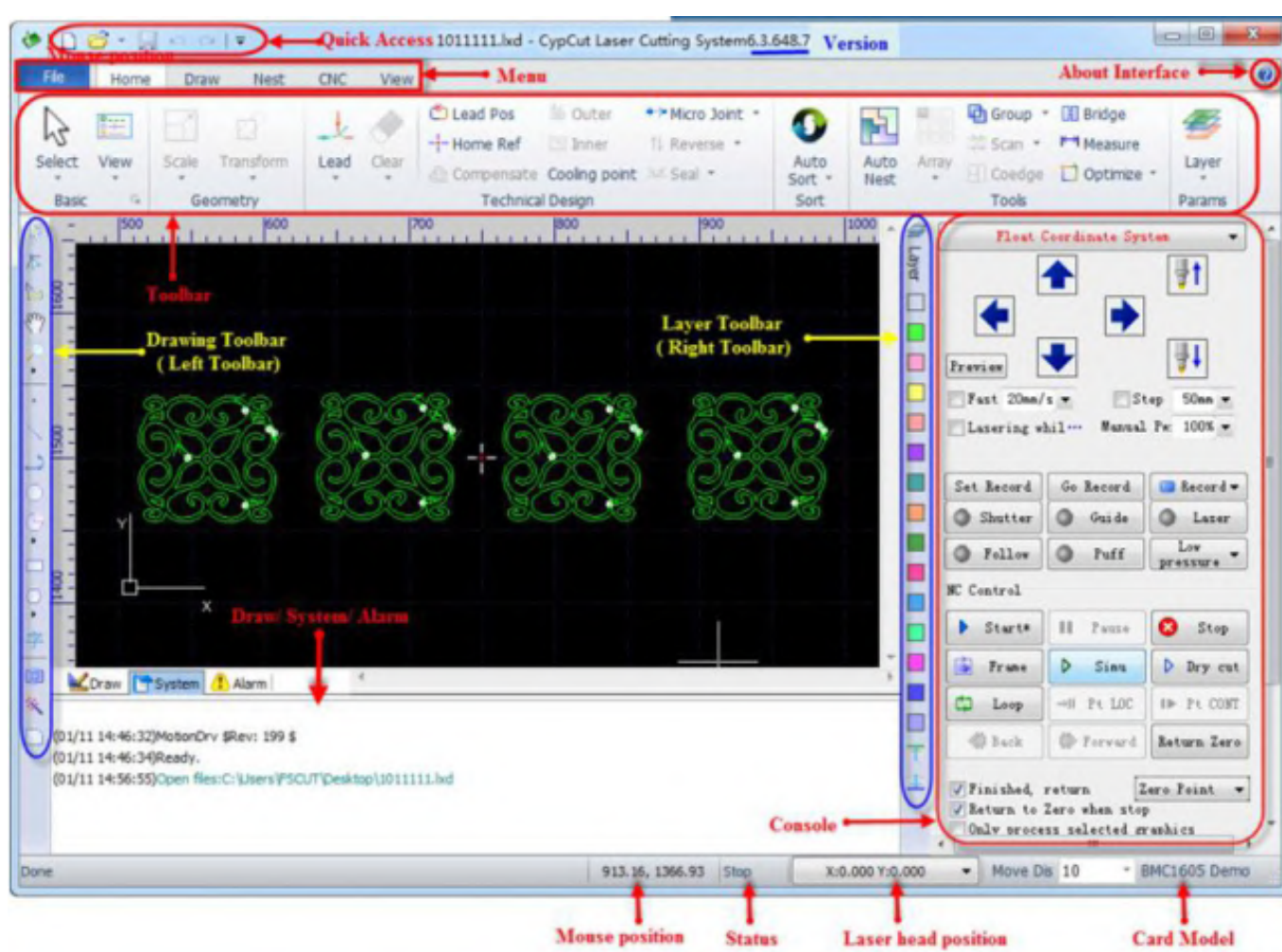
MACHINE BED

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



LASER SOURCE

Uses Max/Raycus/IPG source. IPG is a German brand. Raycus is the most popular Chinese Brand which is widely used in fiber laser machines. Max is also widely used now in fiber lasers.



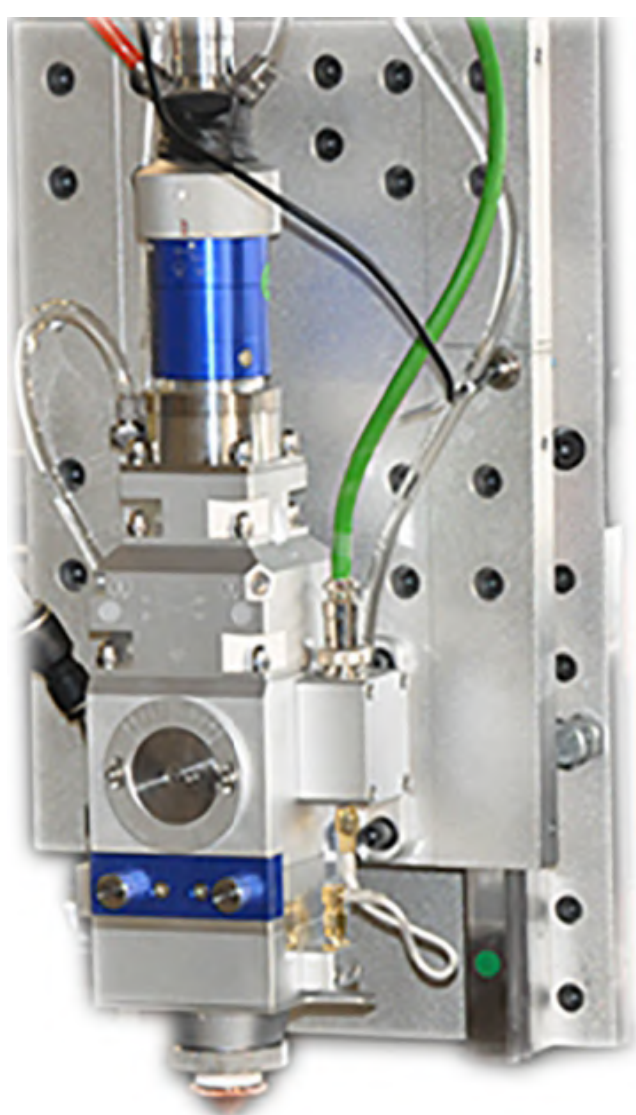
CYPCUT CONTROLLER

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.

FEATURES



AUTO HEIGHT LASER HEAD - AUTO OBSTACLE AVOIDANCE

When the cutting head senses the raised part, it will automatically avoid it to protect the laser cutting head.



INDUSTRY CHILLER

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

Material	1000 W	1500 W	2000 W	3000 W
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

APPLICATIONS

Capable of cutting carbon steel, brass, aluminium and stainless steel without fear of back reflections damaging the machine. By using these fiber laser machines, you will be able to 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.

TECHNICAL PARAMETERS

Model	TRF1530 / TRF1540 / TRF1560
Working Area	1500*3000 mm / 1500*4000 mm / 1500*6000 mm
Gantry	Steel gantry
Motor	Yaskawa servo motor with Shimpo reducer from Japan
X/Y Axis positioning accuracy	± 0.05 mm/m
X/Y Axis repeated positioning accuracy	± 0.03 mm
Fiber laser source	RAYCUS / IPG / JPT 1000W / 1500W / 2000W / 3000W / MAX
Laser head	RAYTOOLS
Guide	HIWIN
Idling Speed	≤ 120 m / min
Voltage	380V, 3PH, 50/60 Hz
Max.Acceleration	1.2 G

GET IN TOUCH



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