

Fiber Laser Cutting Machine



Model	Fiber Laser Cutting Machine Price	
Standard Configuration	<ol style="list-style-type: none"> 1) Max. fiber laser source 2) 1500X3000mm working area 3) Industry water cooling system 4) Au3tech auto focus cutting head and controller 5) Delta Servo motor drive 6) PMI guide rail 7) YYC rack gear and pinion 8) Lenovo computer 	
Warranty	<p>1. The Equipment carries 2-Year Warranty from the date of dispatch for any manufacturing defect or faulty workmanship. This warranty will not be applicable if the machine has been put to improper use or dismantled at your end. Laser Source carries 2 Year Warranty. The warranty does not applicable for LENS, Nozzles and other accessories.</p>	

Installation & Training:	Installation and Training will be given by us by video calling. If need training in your factory, All charges should be born by customer.
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Technical specification

Model	CS-F1530
Max processing range	3000*1500mm
Working table	Sawtooth
Laser system	MAX / RAYCUS / IPG
Laser power	1000w / 1500w / 2000w / 3000w
Cutting thickness	Depends on material
Drive mode	Servo motor drive , PMI guide rail + YYC rack gear and pinion
Laser wavelength	1060-1080nm
Positioning accuracy	±0.03mm
Reposition accuracy	±0.01mm
Minimum Line Width	±0.02mm
Cooling ways	Water cooling
Power supply	AC220V 50/60HZ 1 Phase AC380V 50HZ/ 60HZ 3 Phases

Machine Main Feature and Application

Machine Main Features:

1. Fiber laser cutting machine uses advanced fiber laser to output high energy density laser beam, and gathers on the surface of the work piece, so that the area of the work piece illuminated by the ultra-fine focus spot is instantly melted and vaporized, through the numerical control mechanical system. Automatic cutting is achieved by moving the spot illumination position.
2. Fiber laser cutting machine adopts gantry structure type, bilateral drive with gear rack, with stable structure, good rigidity and high speed.
3. Fiber laser cutting machine is a welded part with multiple aging treatments. The transmission parts such as reducer, guide rail and rack and pinion are all imported well-known brands.
4. The overall structure of the gantry and the transmission mode of the rack and pinion ensure the equipment. High speed positioning, fast dynamic response and good stability.

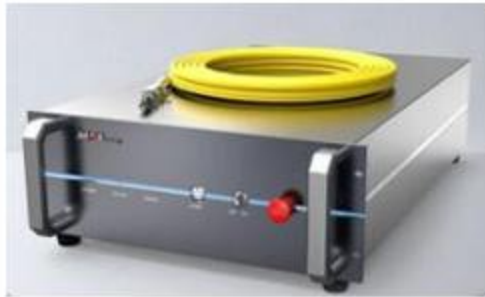
Applicable Fields:

The machine is widely applied in sheet metal processing, aviation, aerospace, electronics, electrical appliances, subway accessories, automobile, machinery, precision parts, ships, metallurgical equipment, elevators, household appliances, craft gifts, tool processing, decoration, advertising, metal processing and other Manufacturing and processing industry.

Applicable Materials:

Fiber Laser Cutting Equipment is suitable for metal cutting with Stainless Steel Sheet, Mild Steel Plate, Carbon Steel Sheet, Alloy Steel Plate, Spring Steel Sheet, Iron Plate, Galvanized Iron, Galvanized Sheet, Aluminum Plate, Copper Sheet, Brass Sheet, Bronze Plate, Gold Plate, Silver Plate, Titanium Plate, Metal Sheet, Metal Plate, Tubes and Pipes, etc.

Laser Source – Max.

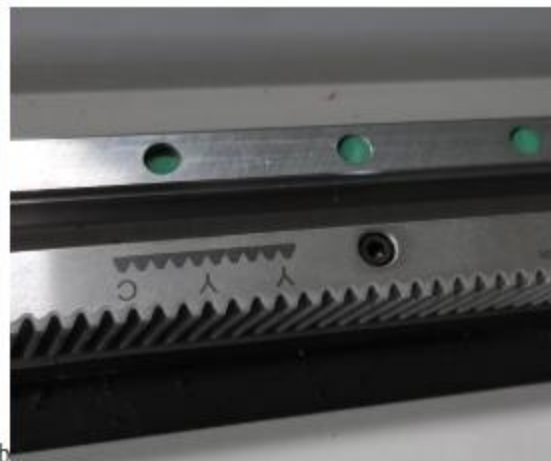


Max. fiber laser is the world leader in Fiber Laser which produces 70% of the China's fiber laser source.

The **Max.** fiber lasers are **efficient, reliable and maintenance-free fiber lasers.**

It has a super compact design with the laser source housed in a hermetically sealed cabinet provides dust proof operation.

Transmission: Servo motor, Speed reducer, YYC rack gear, PMI guide rail

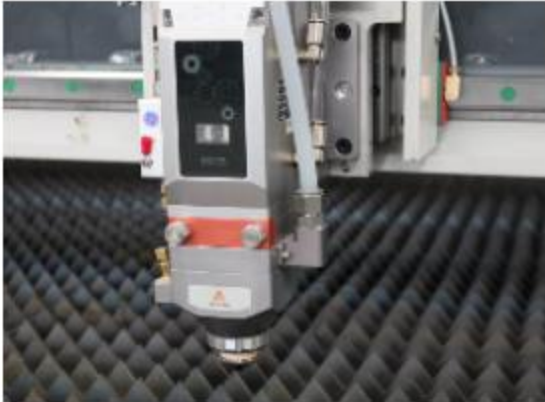


The **Delta** Servo Motors and Drives with fast speed and performance stability.

The Linear Transmission system comprises of from **YYC** Helical Rack and **PMI** Linear Guides which improves accuracy and efficiency.

Advantage of light weight, high rigidity and modular design offers long term stability and higher efficiency.

Cutting Head-Au3Tech



A200E desktop auto focus metal laser cutter head, German brand A-cutter series, is designed for laser power within 2000W, which is a wonderful solution for medium power of laser flat auto focus cutting when working with motion control card MCC series and cutting software SC series. High grade dustproof design, precision machined parts.

Water Chiller: Wuhan hanli chiller



Brand:wuhan hanli chiller
Cooling the laser and cuttinghead
Dual temperature and dual control

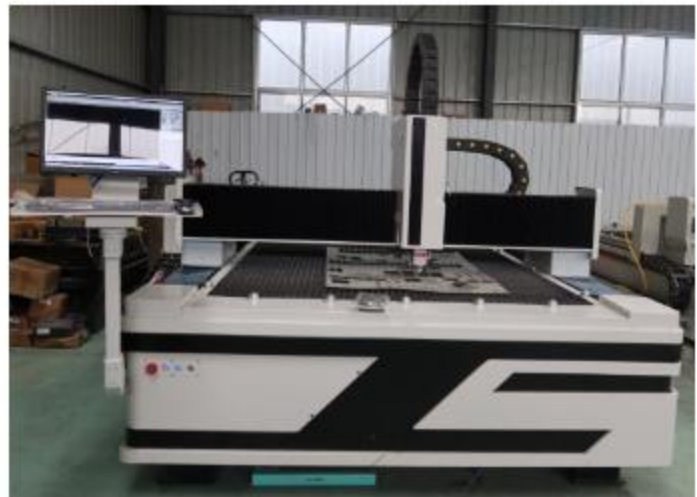
CNC Controller-Au3Tech



Operations are simple, with powerful CAM functions based on auto CAD design, support graphic import, graphic drawings, graphic editing, and so on.
Powerful lead line function, support various ways to lead line.
Support multilayer cutting or marking, and other sorts of processing ways.
Support breakdown position tracking/forward/backward and so on.
Real-time alarm, stable, and reliable, support running error measurement, it can check error between running orbit and graphic error.

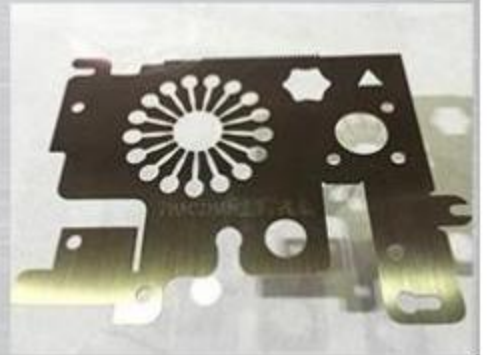
Machine Configurations

Machine Package:





Sample Show





Thanks for your reading !