

HIGH POWER



Laser power: 10000W- 30000W
Max moving speed: 160m/min
Acceleration speed: 2.0g

Model type:

GF1530JH
GF2040JH
GF2060JH
GF2560JH
GF2580JH

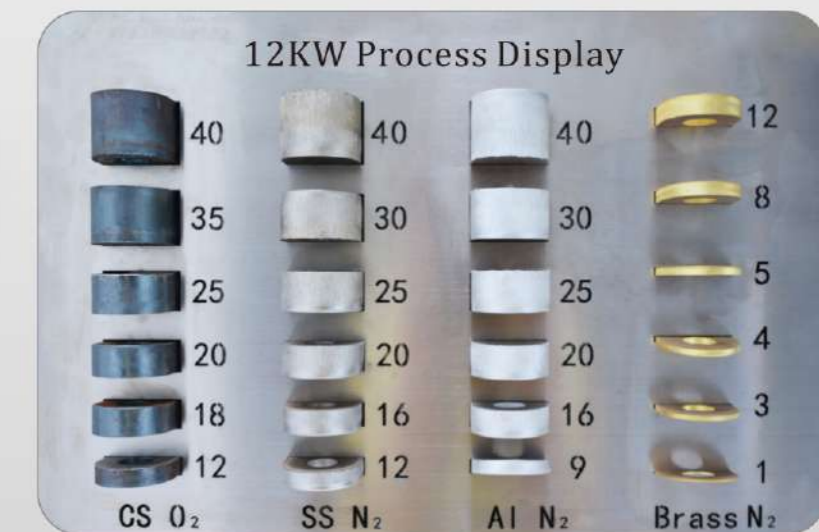
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Main Features

- ✓ New CNC Laser BUS Control software
- ✓ Intelligent Bus laser cutting head
- ✓ Enrich plate processing technology library
- ✓ Heavy high- strength bed
- ✓ Independent partition dust extraction
- ✓ Super powerful driven tables
- ✓ Aviation aluminum beam

Samples





Independent Partition Dust Extraction

Adopt the built-in exhaust pipe system: avoiding the smoking pollution, ensuring safety and environmental friendly; Strong suction and dust removal can effectively prolong the lifetime of machine parts.



Heavy High-strength Bed

The machine body is made of high-strength full-thickness steel plate welding, the tensile capacity is better. Heavy duty bed has small mechanical vibration and good resistance to ensure cutting precision. At the bottom of the bed, the graphite layer is added to reduce the deformation during heating, prolong the lifetime of the machine bed.



Intelligent Bus Laser Cutting Head

With the advantage of convenient installation, simple debugging, excellent performance, adapting ultra-precision, ultra-smooth lens processing technology, highly sealed, dustproof and waterproof, to achieve long-term reliable and stable operation in the daily industrial environment.



Super Powerful Driven Exchange Table

Equipment exchange tables adopt bilateral high power motor drives, which can support overweight plates, ensure exchange synchronization is high.



Enrich Plate Processing Technology Library

- **Touch screen operation:** high-end Touch operation interface.
- **Visual material reproduction:** visual recognizing device focus on the position of the plate to realize super-efficient recycling of surplus material.
- **Intelligent anti-collision protection:** dual-drive balance real-time calibration, air-moving obstacle avoidance, biometric collision avoidance, etc.
- **Convenient functions:** provide one-key cut-off, automatic edge finding, automatic calibration, intelligent focus test, air pressure calibration, etc.
- **Various perforation processes:** non-inductive perforation, lightning perforation, multi-level perforation, lead strategy, perforation slag removal, etc.
- **High-quality cutting:** flying cutting, air cutting, bright surface cutting, smart leapfrog, etc.

New Cnc Laser Bus Control Software

New CNC laser bus control software We use the latest highest-end bus-type dedicated CNC laser cutting software. It is divided into 7 modules, which are making plan, production, debugging, technology, diagnosis, maintenance, and setting etc, aiming at providing modular, personalized, automated, and informatized solutions. It can be smart compatible to the MESS data management system to achieve Industry 4.0.



MEDIUM POWER



- Full protective enclosed design provide safty protection aviod laser radiation and mechanical movement.
- Exchange tables save material loading time.

Technical Parameters

Model type	GF1530JH/GF1540JH/GF1560JH/GF2040JH/GF2060JH
Cutting area	1500mm*3000mm;1500mm*4000mm;1500mm*6000mm; 2000mm*4000mm;2000mm*6000mm;
Laser power	1500W-3000W/4000W-8000W
Acceleration speed	120m/min
Max idle speed	1.2g
Position accuracy	0.05mm
Repeat position accuracy	0.03mm



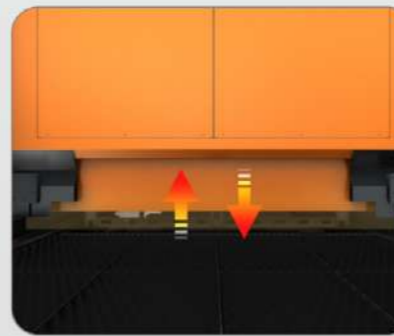
Samples



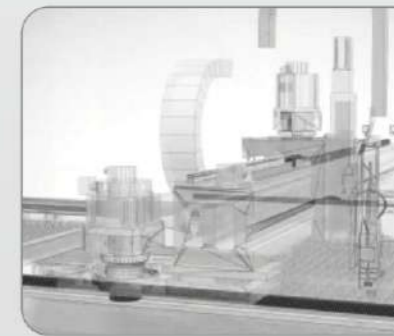
01
The HD monitoring window allows the operator to take into account both cutting and operation interface, real-time dynamic monitoring of the whole process.



02
Durable Compressive Aviation aluminum beam in good dynamic performance ensures high accelerating speed.



03
A fully enclosed design avoids laser radiation or mechanical movement and improves personal safety protection.



04
The high damping bed with Gantry double- drive structure is good rigidity, faster speed and acceleration speed.

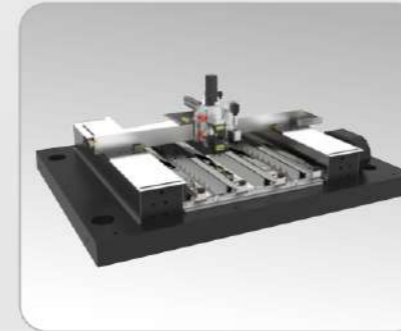
GF6060

SMALL SIZE FIBER LASER



Technical Parameters

Model type	GF6060S/GF6060
Cutting area	600mm*600mm
Laser power	1500W/2000W/3000W
Max moving speed	60m/min
Drive type	Liner Motor /servo motor
Position accuracy	0.01mm
Repeat position accuracy	0.004mm
Max acceleration speed	1.4g/0.8g



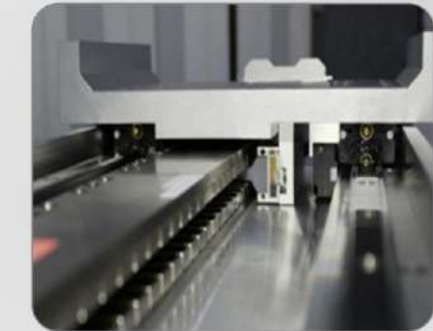
01

Enclosed design meets CE standard. The machine body adopts marble base in good rigidity and high density. Through digital control gantry milling machine precision processing, this machine achieves accurate movement.



02

EtherCATBus high-end CNC system. AheadTechs greatly improves the machine flexibility and expandability, and it facilitates with connection with other devices.



03

Liner guide motor is good at fast speed. Full closed loop feedback ensures high accuracy.

Samples



GF1510

MEDIUM FORMAT FIBER LASER CUTTING MACHINE



CE European Standard

Smart flat-panel cutting equipment specially designed for European and American customers.

Small, beautiful, precise, professional and strong!

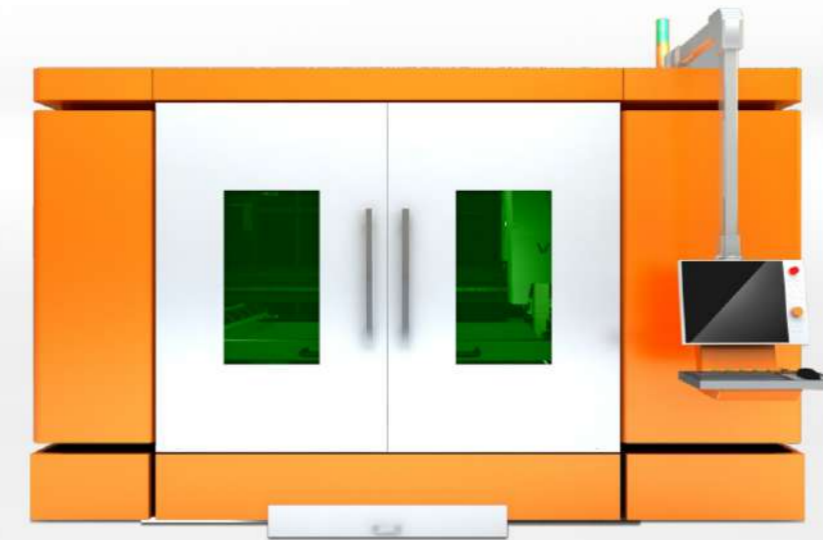


Technical Parameters

Model type	GF1510/GF2010/GF3015
Cutting Area	1500mm*1000mm; 2000mm*1000mm; 3000mm*1500mm
Laser Power	1500W/2000W/3000W/4000W
Max idle speed	80m/min
Acceleration speed	0.8g
Position Accuracy	0.05mm
Repeat position accuracy	0.03mm

Applicable Materials

Stainless steel , mild steel , galvanized steel , aluminum ,brass and other metal materials.



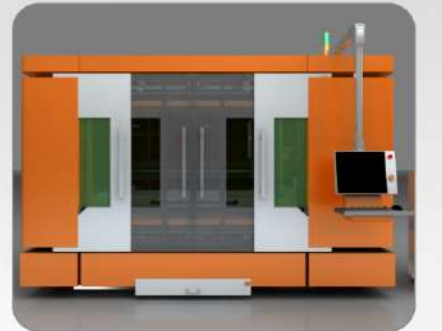
01

HYPICUT8000 bus control software,New Touch Screen,support MESS, perfect realization of Industry 4.0.



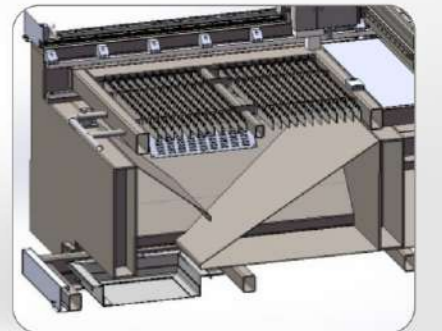
02

The sliding plug door design is the same as that of high-speed trains, which has high sealing performance and does not take up space.



03

Funnel feeding reduces laser radiation, away from the light source.



04

With bilateral ventilation, dust removal effect is more refined.

