

Станки для лазерной резки РН3015

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

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1kw 1.5kw 2kw 3kw 4kw Fiber Laser Cutting Machine

1kw 1.5kw 2kw 3kw 4kw fiber laser cutting machine Our machines have strong cutting ability, the thickness of stainless steel and aluminum can be cut to 30mm. We provide customized air cutting process database for customers with various metal materials such as carbon steel, aluminum plate, copper...

Description

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Our machines have strong cutting ability, the thickness of stainless steel and aluminum can be cut to 30mm. We provide customized air cutting process database for customers with various metal materials such as carbon steel, aluminum plate, copper plate, etc., and help enterprises to reduce operating costs significantly. We also help to improve the processing technology and industry competitiveness for your company.



PRODUCT PARAMETERS

Model	PH3015
Processing size	3000*1500 mm

X/Y axis positioning accuracy	±0.05 mm
X/Y axis repeatable positioning accuracy	±0.03 mm
X/Y maximum positioning speed	80 m/min
Laser generator power	1000 W
Cutting capacity: carbon steel plate	12 mm
Stainless steel	6 mm
Aluminum	4 mm
Brass	3 mm
Maximum acceleration of X/Y	1.5 G
Motion stroke (axis)	3020*1520*150 mm
Number of phase	3
Power rating	380 V
Frequency	50 Hz

Features

Stable structure: high-strength integral welding bed, gantry structure, good stability of bilateral drive;

Good dynamic performance: Extruded aluminum beam, light weight, high strength, high acceleration, fast running speed;

Simple operation: equipped with a CNC system for laser professional, simple training can be operated;

Advanced cutting process: equipped with a zoom punch laser head and a complete cutting process library, it can automatically cut plates of different materials and different thicknesses;

Easy maintenance: optical fiber transmission, no need to adjust the optical path, only need to replace the protective lens;

Metal Sheet Sample



GW



IPG



ROFIN

Using GW laser, the photoelectric conversion efficiency is more than 40%, which is about 10% less energy than similar equipment;

●Optional: IPG, ROFIN

Laser Head and Chiller



WSX



PRECITEC



TONGFEI

WSX CUTTING HEAD

- 1.High Efficiency Cooling
- 2.Auto-focusing
- 3.High- Speed Piercing &Cutting
- 4.High Power Rating
- 5.Portable and Durable

●Optional: PRECITEC

TONGFEI CHILLER1.Unique internal structure design,
small size, stable performance

- 2.The system components are all well-known brands, durable
- 3.With automatic fault diagnosis function
- 4.Provide SR485 communication interface

Fscut2000 laser cutting system

FSCUT2000 laser cutting system is a full-solution open-loop control system specially designed for sheet metal fabrication industry, with features of easy to install and adjust, excellent performance and fully integrated solutions.

Cutting technique

Support up to 5-stage piercing technique, segment and stepping piercing patterns.

Support the communication with mainstream laser brands on the market.

Support basic technique of Fly cut, frog-leap lifting, kerf width compensation, lead line, micro-joint, pre-piercing, film cutting etc.

Support advanced functions of find workpiece edge, auto focus control, dual shuttle, break point locate, QR code generation, remnant split, round tube cutting etc.

Provide fine cutting technique, smooth start and end in the toolpath cutting.

Support intelligent barrier avoidance, laser head frog-leap lifting in production.

Support scan QR import drawing, task scheduling, and multi-area production etc.

Control performance

Open-loop control system with Friendess 3rd generation motion control algorithms.

Trajectory accuracy 0.03mm, positioning accuracy 0.001 mm, repetitive positioning accuracy 0.003 mm.

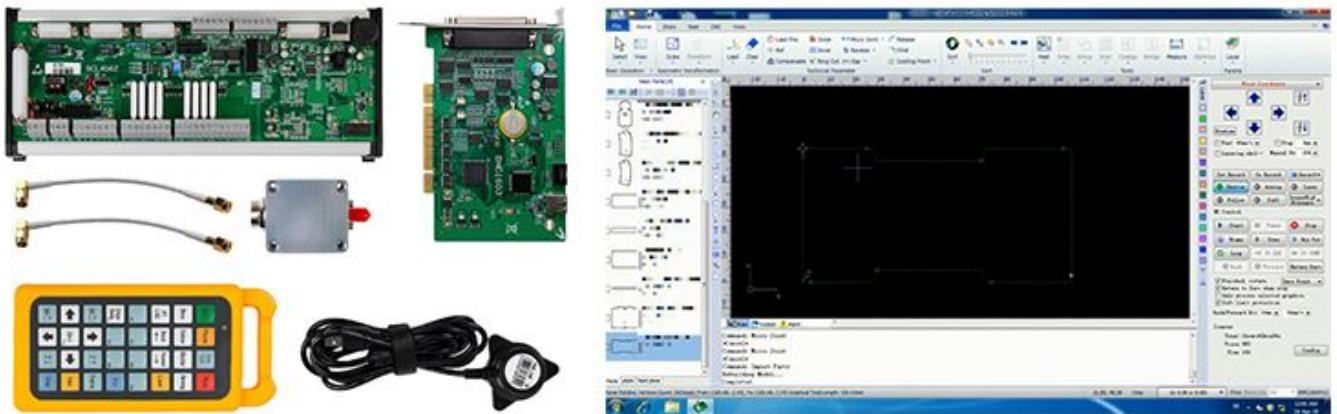
Maximum cutting speed 80m/min, maximum position speed 150m/min.

Maximum acceleration 1.5G.

Provide dual-Y drive position error detect function.

Adaptation software

CypCut sheet cutting software is an in-depth design for fiber laser cutting industry. It simplifies complex CNC machine operation and integrates CAD, Nest and CAM modules in one. From drawing, nesting to workpiece cutting all can be finished by a few clicks.

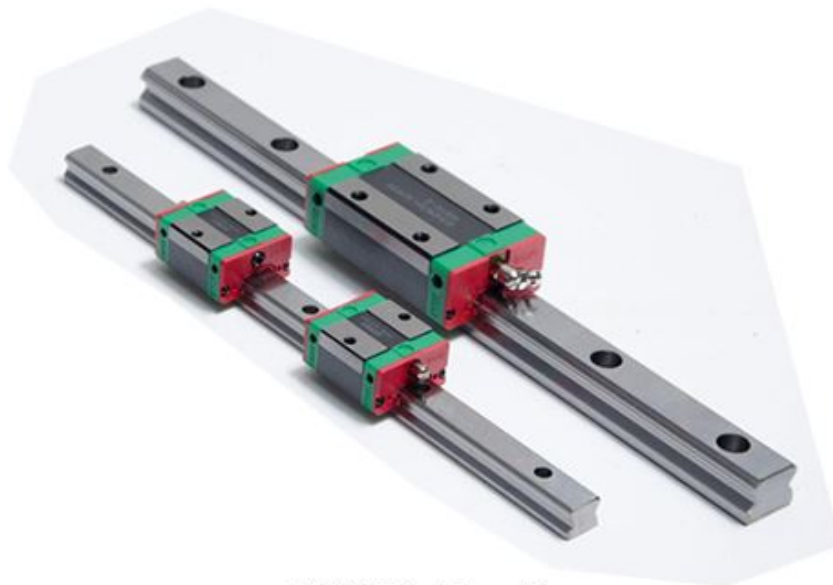


Transmission system



1.Servo Motor and drive are from Japanese Panasonic.

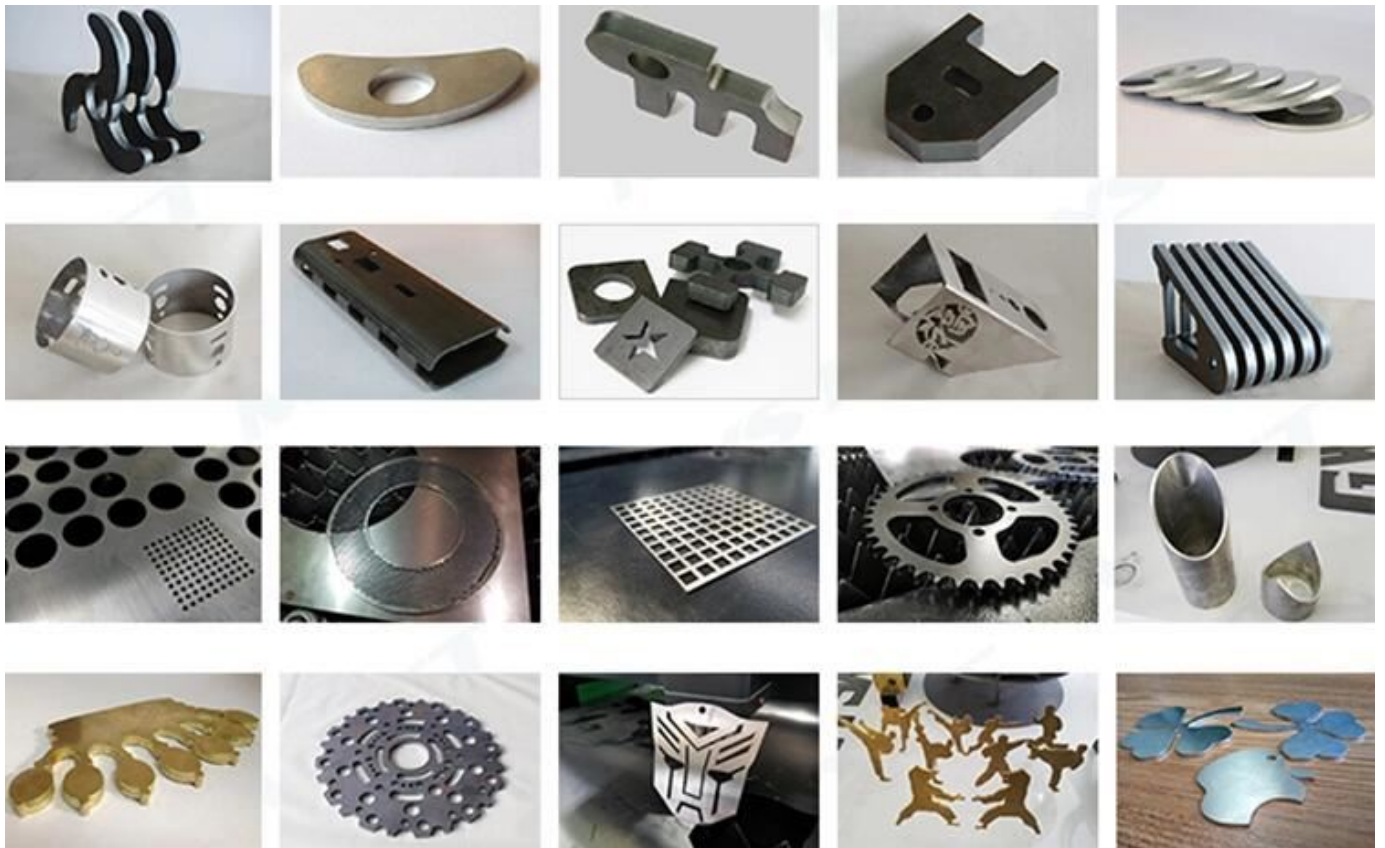
2.Accelerated speed 1.2G (other brands usually 1.0G), Max speed 1 20m/min



HIWIN Guide rail



CUTTING SAMPLE



If you are looking for new 1kw 1.5kw 2kw 3kw 4kw fiber laser cutting machine for sale, factory price, brand, made in China, hot sale, direct seller, and overseas 1kw 1.5kw 2kw 3kw 4kw fiber laser cutting machine from professional manufacturer, supplier and factory, please feel free to contact us, we are always at your needs of CE, customized, professional, competitive, high precision, new and good quality, and PUHUA 1kw 1.5kw 2kw 3kw 4kw fiber laser cutting machine. And welcome to wholesale products with good quality and professional design from us.

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