

Технические характеристики

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Laser

Automatic Loading Unloading System

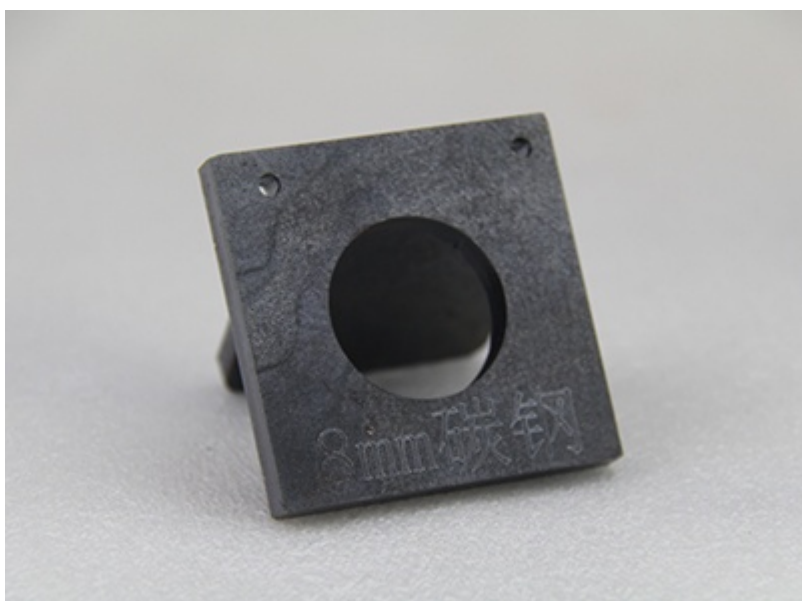
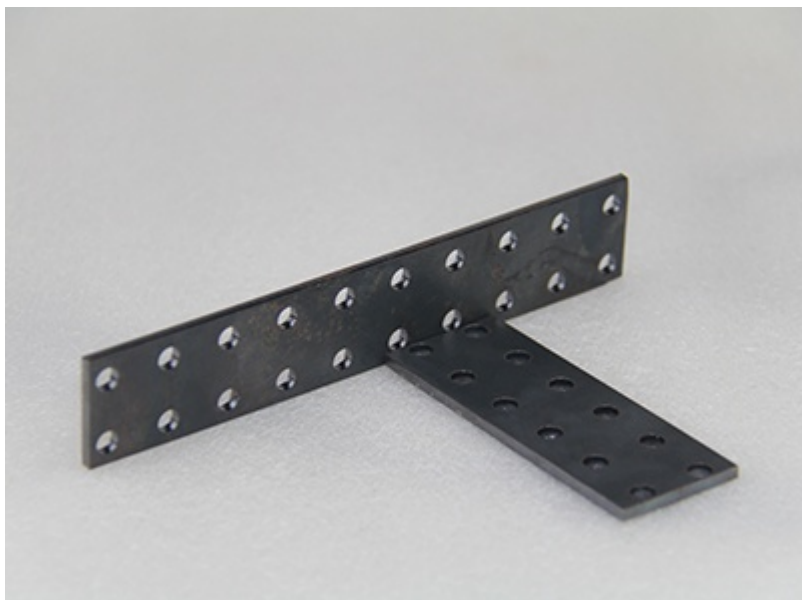
Technical details

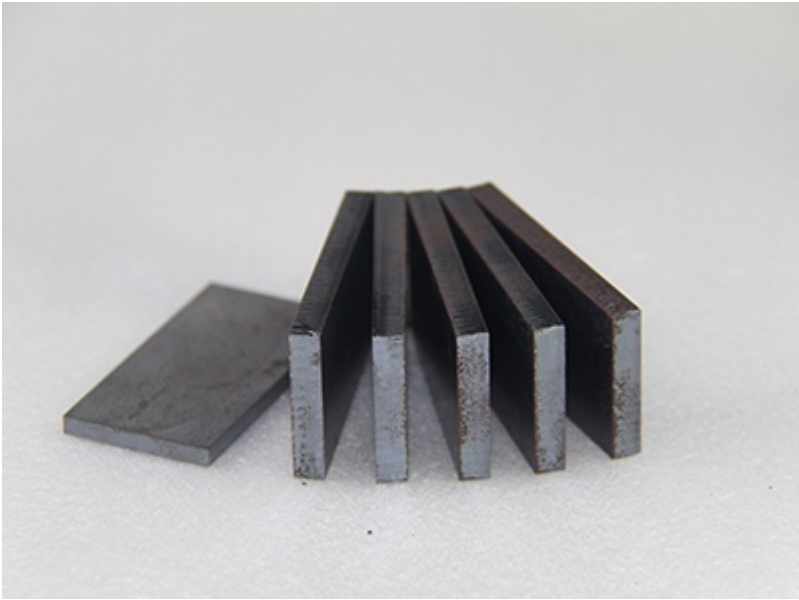
Model	HN-Automation
Working area	1000mm*1000mm-4000mm*1500mm
Thickness of Feed Plate	1mm-20mm
Dimension	5000mm*3500mm*2500mm
Fastest Refueling Time	120s

Detachable frame design saves shipping cost and installation time.

Sample Cut

It can be allocated to 05.-25mm carbon steel plate, 0.5-16mm stainless steel plate, galvanized plate, cold rolled plate, electrolytic plate 05-16mm aluminum alloy plate, 0.5-10mm brass and copper and other metal materials.





Application industry

Used in automobiles, agricultural machinery, textile machinery, engineering machinery, precision parts, ships, metallurgical equipment, furniture, kitchenware, household appliances, metal crafts, hardware tool processing, decoration engineering, advertising signs, sheet metal processing and other industries;







Laser

Exchange Platform Laser Cutting Machine

Technical details

Model	3015	4020	6025	8025
Cutting range	3000*1500mm	4000*2000mm	6000*2500mm	8000*2500mm
laser power	1000-12000W			
Repositioning Accuracy	0.02mm			
Max Movement Speed	140m/min			

Laser power: 1000-20000W (optional)

Processing size(length * width)(Optional)

Max moving speed: 140m/min Total Weight : About 60000KG (According to process size)

Repositioning accuracy : 0.02mm

It adopts parallel switching platform and dual drive compatible sprocket. It has the characteristics of stability, good rigidity and high speed. High-speed parallel exchange platform design, double worktable exchange at the same time, stable and reliable transmission mode, shorter exchange time, better frequency converter. Moving speed 140m/min, auto tracking, auto edge search and auto nesting. The efficiency is doubled, and the cutting surface is smooth and beautiful.

Special double row flue of plate welding bed

The chimney is distributed on both sides of the bed, with partial dust removal, better smoking effect and better environmental protection requirements.



The beam adopts the cast aluminum beam, which has the characteristics of high speed, accuracy, high efficiency and high efficiency.

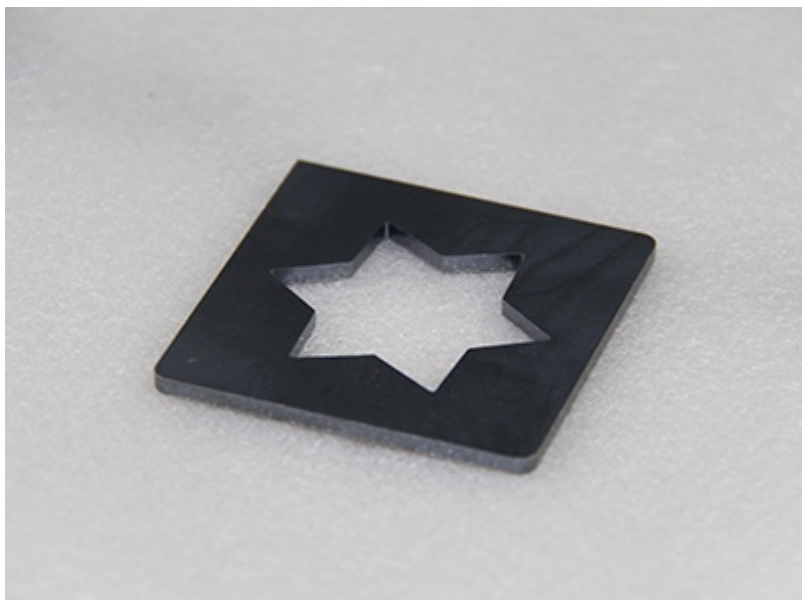
Aluminum alloy has metal characteristics of light and strong hardness, which is conducive to high-speed movement in the machining process. High flexibility helps cutting various graphics at high speed on the basis of high precision.



Cutting Samples

0.5 – 25mm carbon steel plate, 0.5-16mm stainless steel plate, galvanized sheet, cold rolled plate and electrolytic plate, 05-16mm aluminum alloy plate, 0.5-10mm brass and red copper and other Can be used for metal materials.





Application industry

Used in automobiles, agricultural machinery, textile machinery, engineering machinery, precision parts, ships, metallurgical equipment, furniture, kitchenware, household appliances, metal crafts, hardware tool processing, decoration engineering, advertising signs, sheet metal processing and other industries;







Laser

Ultra High Power Laser Cutting Machine

Technical details

Model	3015H	4020H	6025H	8025H	12025H
Cutting range	3000*1500mm	4000*2000mm	6000*2500mm	8000*2500mm	12000*2500mm
laser power	10000-35000W				
Repositioning Accuracy	0.02mm				
Max Movement Speed	200m/min				

HN laser cutting machine Ultra high power laser cutting machine

1. Fully sealed large envelope design, special attention to the health of the operator; green environmental protection without pollution.
2. Front and rear double platform exchange type design, shorten the waiting time and improve the working efficiency by 30%.
3. Adopt the gantry structure, the bed is welded as a whole, the whole machine runs smoothly and the rigidity is good.
4. All kinds of components are made of famous brands at home and abroad, with high precision, high speed, stable and durable performance.

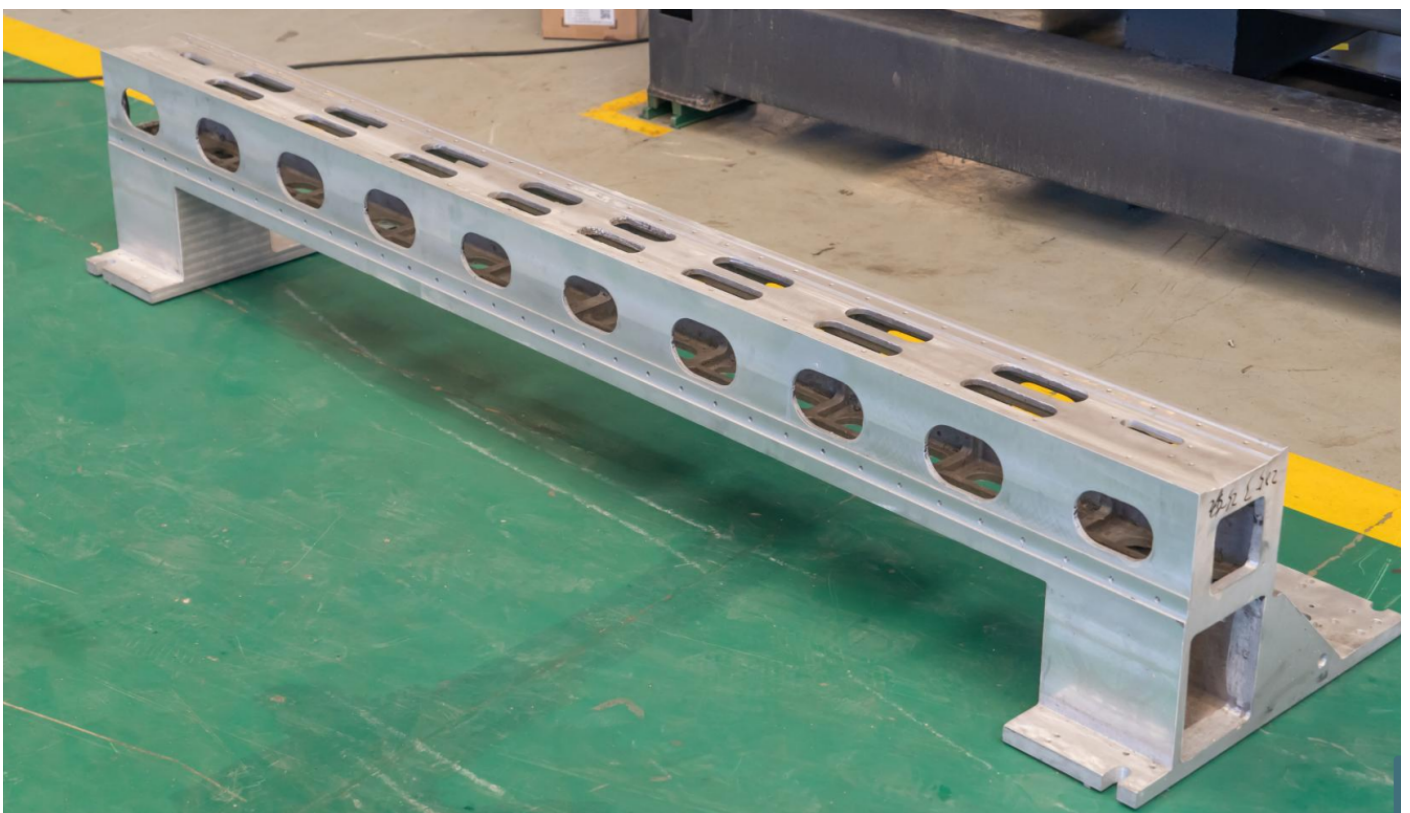
Heavy plate welding machine body

This machine body is suitable for medium and high power laser cutting machines. It has ultra-high stability. The heavy-duty plate-welded body is welded with high-quality carbon structural steel, so that the machine body is not

deformed during long-term operation and can achieve good machining precision. The hollow structure design of the machine body and the perfect dust removal and heat dissipation system can effectively reduce the impact of cutting heat, ensure the accuracy of the machine body, and prolong the service life of the equipment.

Cast aluminum beam

adopts Low-pressure steel film casting process, so the beam has the characteristics of high density, high rigidity and light weight, which can achieve higher dynamic response and improve processing efficiency.

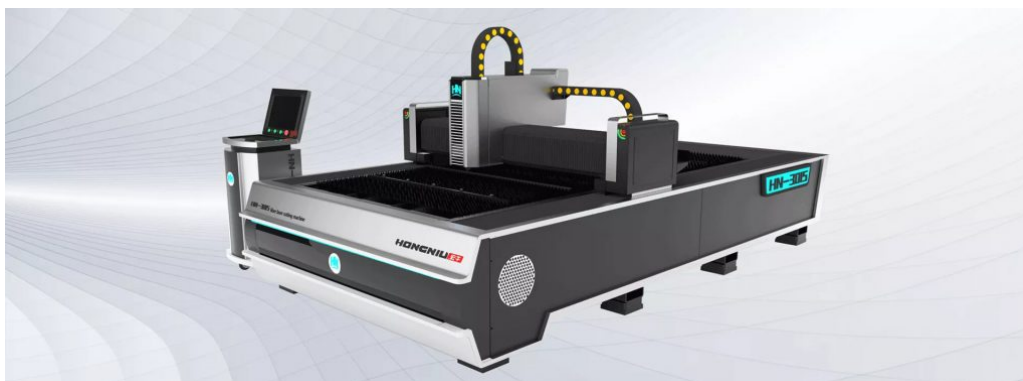


FSCUT8000 ultra high power Ethercat bus based control system

FSCUT8000 is high end bus based intelligent control system for 8KW ultra high power fiber laser cutting. It is stable and reliable, easy to install and debug, and safe. It has abundant features and excellent performance. It supports and provides modularization, personalized, automated and IT solutions.

Robust machine bed

Easy to use system



Laser

Single Platform Laser Cutting Machine

Technical details

Model	HN-3015C	HN-4015C	HN-4020C	HN-6025C
Cutting range	3000*1500mm	4000*1500mm	4000*2000mm	6000*2500mm
Laser Type	fiber laser			
Laser Power	1000-6000w			
transmission system	Gantry double drive structure			
Max Movement Speed	100m/min			
Max Acceleration	1.0G			
Positioning accuracy	±0.01mm/1000mm			
Repositioning accuracy	±0.03mm/1000mm			

The HN fiber laser cutting machine includes a cooling, lubrication and dust collection system that guarantees durability and longevity. The strict assembly process and the world's top brand parts provide high cutting precision and powerful cutting capability to maximize sheet metal fabricators' productivity and profitability.

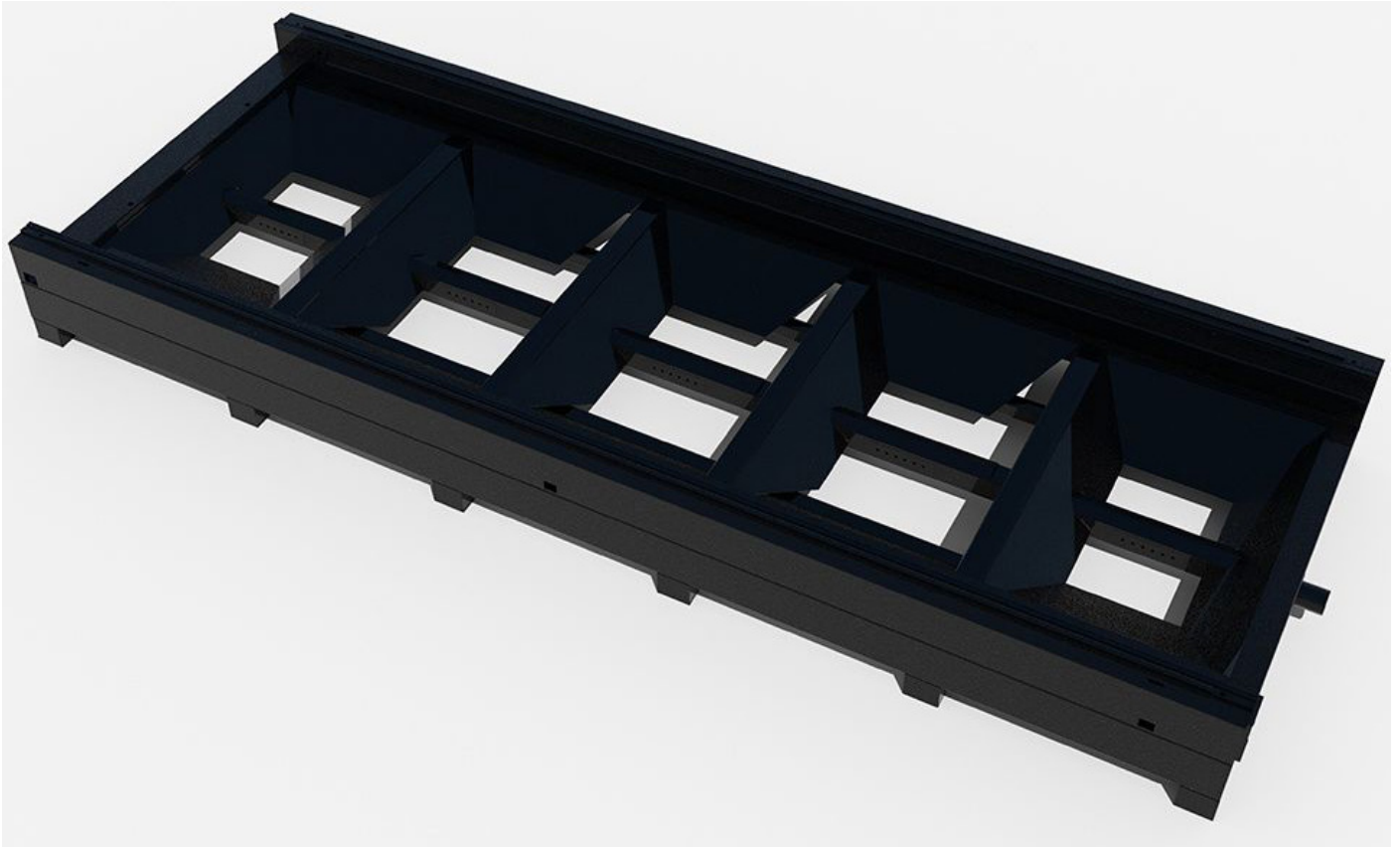


Plate Welding Heavy Duty Bearing

High impact resistance performance, Good integrity, hardness and toughness;

Integrated die-cast aluminum beam, no rivets at both ends, more stable.

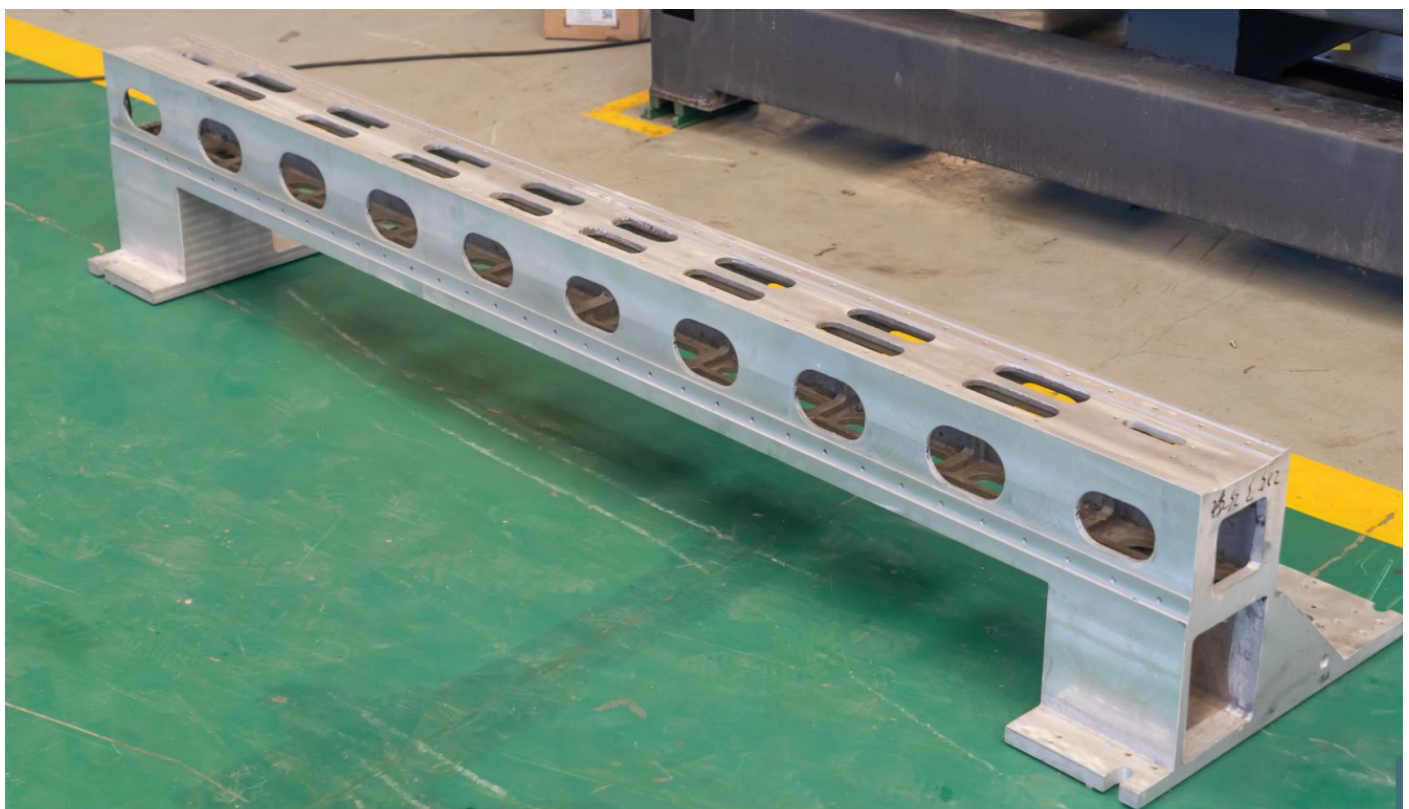
Professional Sheet Metal Cutting System Cypcut 2000C

Cypcut Laser Cutting System

More user-friendly human-machine interaction;

Simple, economical, practical and convenient;

Highly integrated and highly intelligent with all-in-one file reading, design, output and processing control.



Cast aluminum beam

adopts Low-pressure steel film casting process, so the beam has the characteristics of high density, high rigidity and light weight, which can achieve higher dynamic response and improve processing efficiency.

Single platform laser cutting machine is suitable for 1000w-6000w laser cutting.

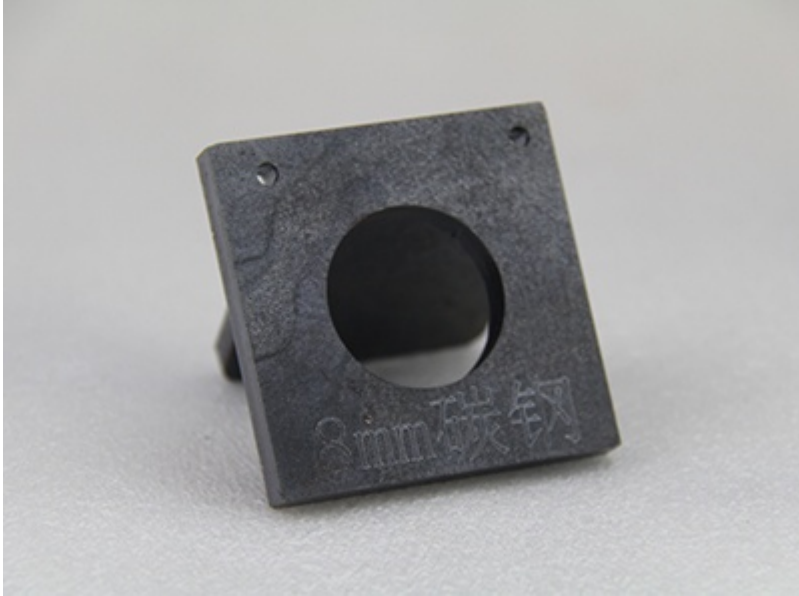
The cutting thickness is related to the laser power.

Carbon steel plate: 0.5-22 mm

Stainless steel plate: 0.5-12 mm

Aluminum plate: 0.5-12 mm

Examples and Application





Application







Laser

Super Large Format Plate Laser Cutting Machine

Technical details

Model	12030	14030	14040
Cutting range	12000*2500mm	12000*3500mm	14000*3000mm
Laser Power	3000-20000W		
Repositioning Accuracy	0.02mm		
Max Movement Speed	180m/min		

Suitable for various machinery manufacturing and processing industries, HN Large format laser cutting machine realizes laser cutting large format, high-power, high-precision cutting, and improves cutting efficiency through rapid positioning and focusing. Supports 3*15 meters 4*20 meters customization to realize the general processing of ultra-large format sheet metal cutting ultra-long workpieces.



Adopt Modular design base on foundation stone bed, solid and durable , cutting length can be customized

Professional Sheet Metal Cutting System Cypcut 2000C
CYPCUT laser cutting system

More humane manual interaction;

Simple, economical

CYPCUT laser cutting system

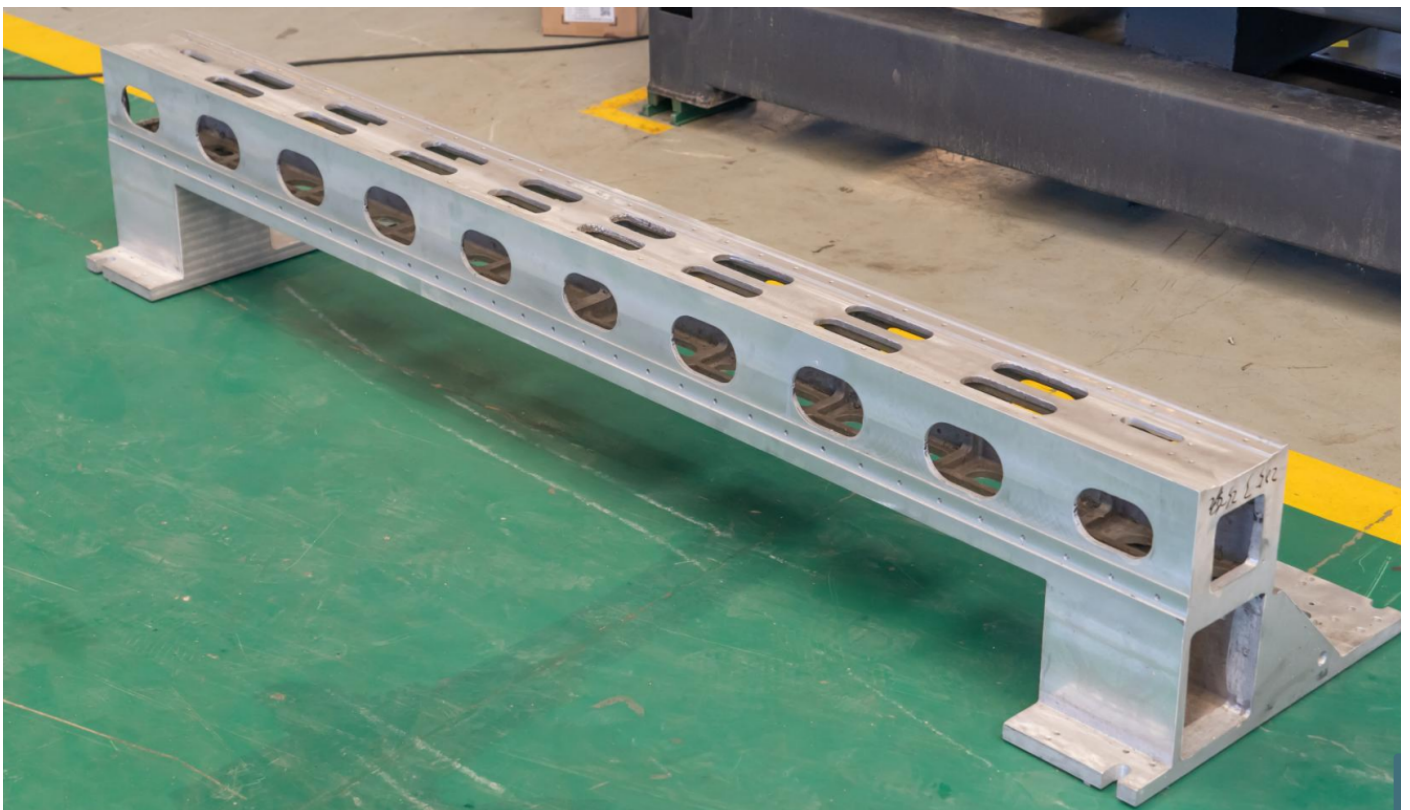
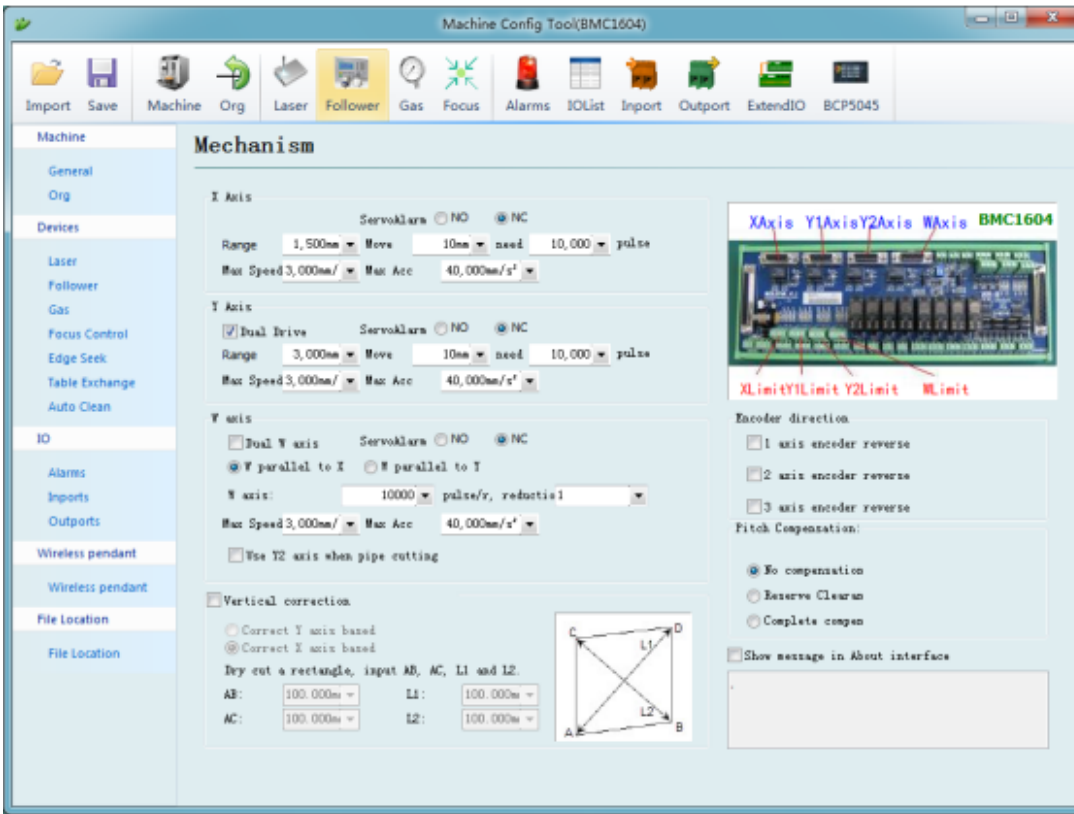
More humane manual interaction;

Simple, economical, practical and convenient;

High integration, high intelligence, set document reading, design, output and processing control.

ical, practical and useful;

High integration, high intelligence, set document reading, design, output and processing control.



Cast aluminum beam

adopts Low-pressure steel film casting process, so the beam has the characteristics of high density, high rigidity and light weight, which can achieve higher dynamic response and improve processing efficiency.

The ultra-large metal laser cutter is a machine with a super-wide working table. The working area can reach 14000mm*3000mm. It is specially used for cutting metal sheet.



Laser

HN-GA6020 Economical laser tube cutting machine

Technical details

Model	HN-GA6020
Processing Length	6m
Laser Power	1000w 1500w 2000w 3000w
Protection Diameter	20-220mm
Positioning Accuracy	±0.03
Repositioning Accuracy	±0.02
Transmission Path	Precision Gear Transmission

The economic laser tube cutting machine can cut round pipes, square pipes, rectangular pipes, special-shaped pipes, etc. It is an economical and practical pipe cutting machine. Equipped with a special cutting operation system for Hongniu. operate, high precision and professional. Cutting material: carbon steel, stainless steel, copper, aluminum and other metal materials Cutting length: 6 meters

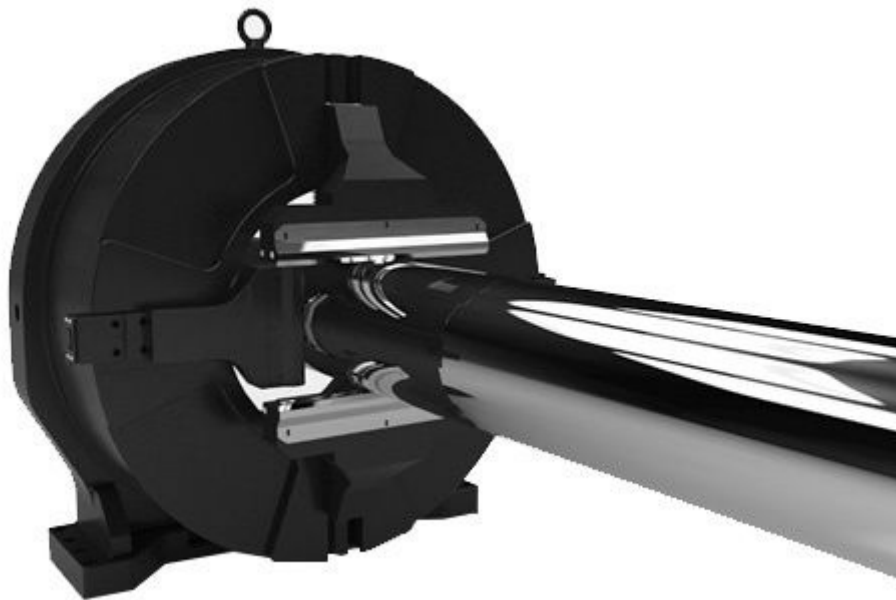
Automatic pipe cutting system

The equipment has error detection of cutting pipes and automatic correction function to ensure cutting accuracy.



Fully automatic pneumatic chuck, more stable

The installation is convenient and labor-saving, and there is no consumption and no wear. The degree of clamping of the workpiece is controlled by air pressure to ensure the stability of the feed and the accuracy of the cut.



super tail short material

Common edge trimming function reduces residual material and saves production cost



Cutting Samples

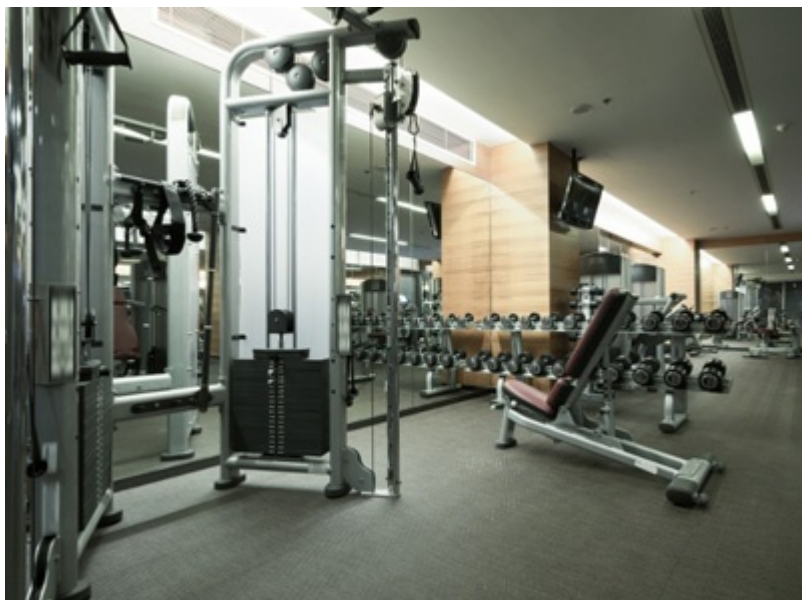




Application industry

It is widely used in sports equipment, various types of pipes, water pipes, oil pipelines and other industries, and can be divided into round pipes, square pipes, rectangular pipes, oval pipes, etc. It adapts to various special shaped pipes such as







Laser

HN-GA6020

Technical details

Model	HN-GA6020
Processing Length	6m
Laser Power	1000w 1500w 2000w 3000w
Protection Diameter	20-220mm
Positioning Accuracy	±0.03
Repositioning Accuracy	±0.02
Transmission Path	Precision Gear Drive

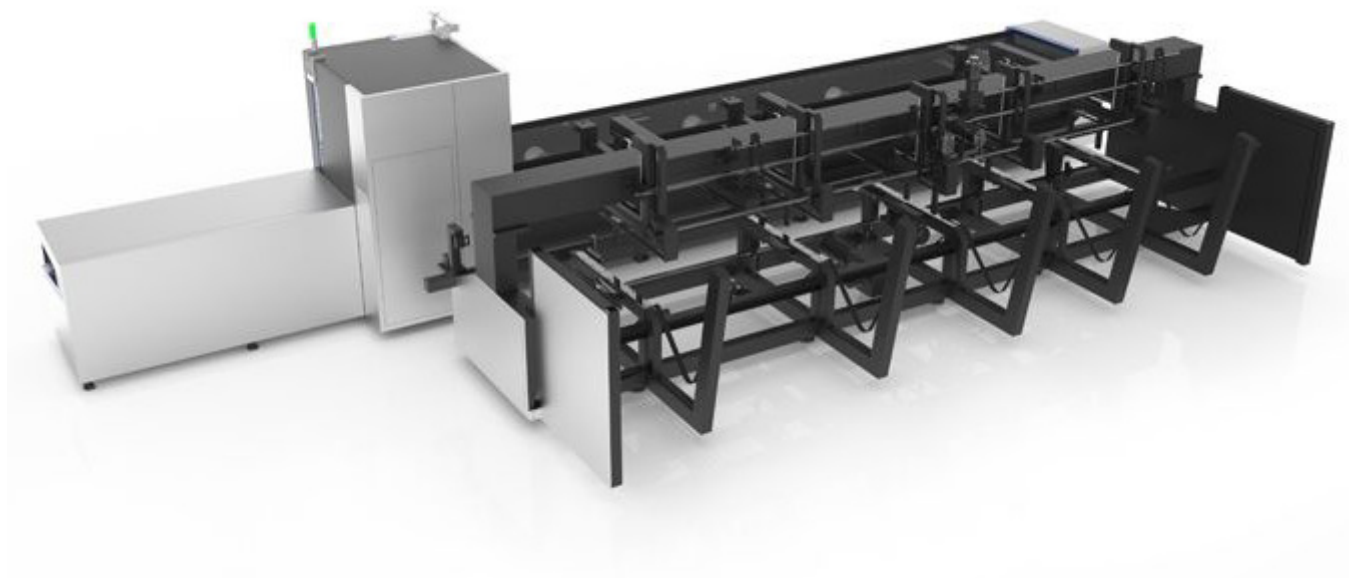
The HN-GA6020 laser tube cutting machine is equipped with a standard fully automatic loading and unloading device, which can realize the loading of bundles, save labor and save time, and help customers reduce production costs.

Advantages of automatic laser tube cutting machine

The automatic loading and unloading device can realize the transportation of loading and unloading through the control of the numerical control system, and complete the real-time connection with the pipe cutting machine.



Intelligent one-button automatic cutting, after one-button start, unattended batch processing, which improves production efficiency.



The interface is real-time laser monitoring, the whole production process has a panoramic view, the operation is simple, and the finger swipe can control the cutting process.



Cutting Samples





Application industry

Widely used in furniture, medical equipment, fitness equipment, oil pipelines, exhibition equipment, construction machinery, passenger car manufacturing, locomotive manufacturing, agricultural and forestry machinery, bridges, ships, structural parts, household appliances manufacturing and other industries.







Laser

HN-GG6020

Technical details

Model	HN-GG6020
Processing Length	6m
Laser Power	1000w 1500w 2000w 3000w
Protection Diameter	20-220mm
Positioning Accuracy	±0.03
Repositioning Accuracy	±0.02
Transmission Path	Precision Gear Drive

High Speed Laser Pipe Cutting Machine

1. It can process conventional square pipes, round pipes and rectangular pipes on the market.
2. High performance, imported original packaged fiber laser, stable performance, service life of more than 100,000 hours
3. Equipped with professional mirror fixtures, which can accurately process pipes of different shapes and sizes.
4. Purchasing imported focused transmission mechanism and servo motor, high cutting precision
5. High precision, realizing non-inductive and high-efficiency detection of pipes, realizing the cutting accuracy and

position deviation of the entire meter section within 0.15mm



Cutting Samples

Round tube, square tube, rectangular tube, round tube, waist tube, D-shaped tube, hexagonal tube, special-shaped tube, etc. can cut.



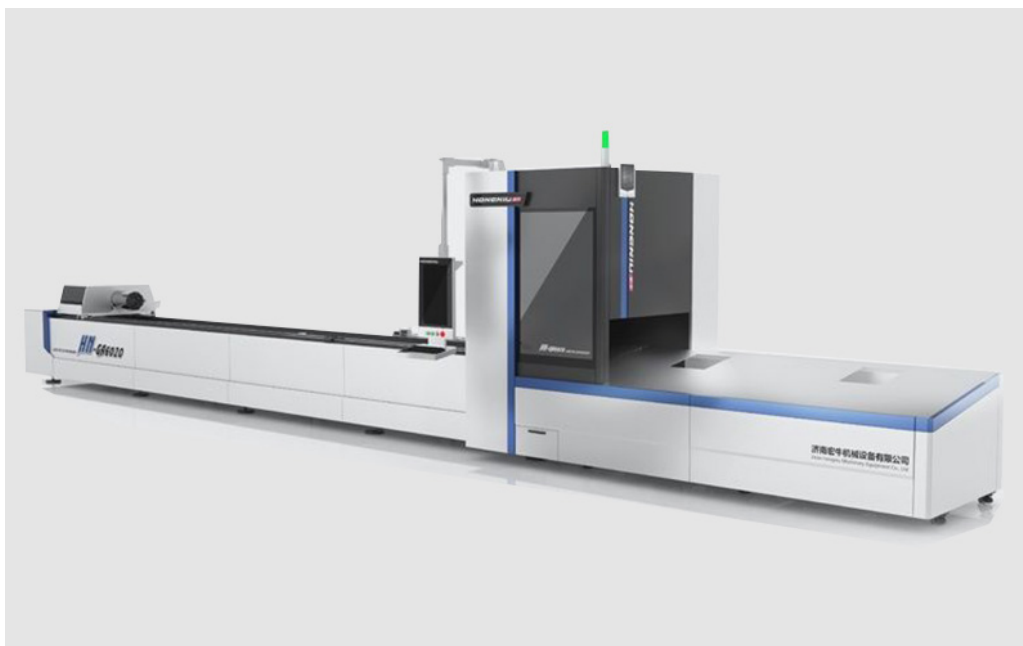


Application industry

Widely used in furniture, medical equipment, fitness equipment, oil pipelines, exhibition equipment, construction machinery, passenger car manufacturing, locomotive manufacturing, agricultural and forestry machinery, bridges, ships, structural parts, household appliances manufacturing and other industries.







Laser

HN-GZ6020

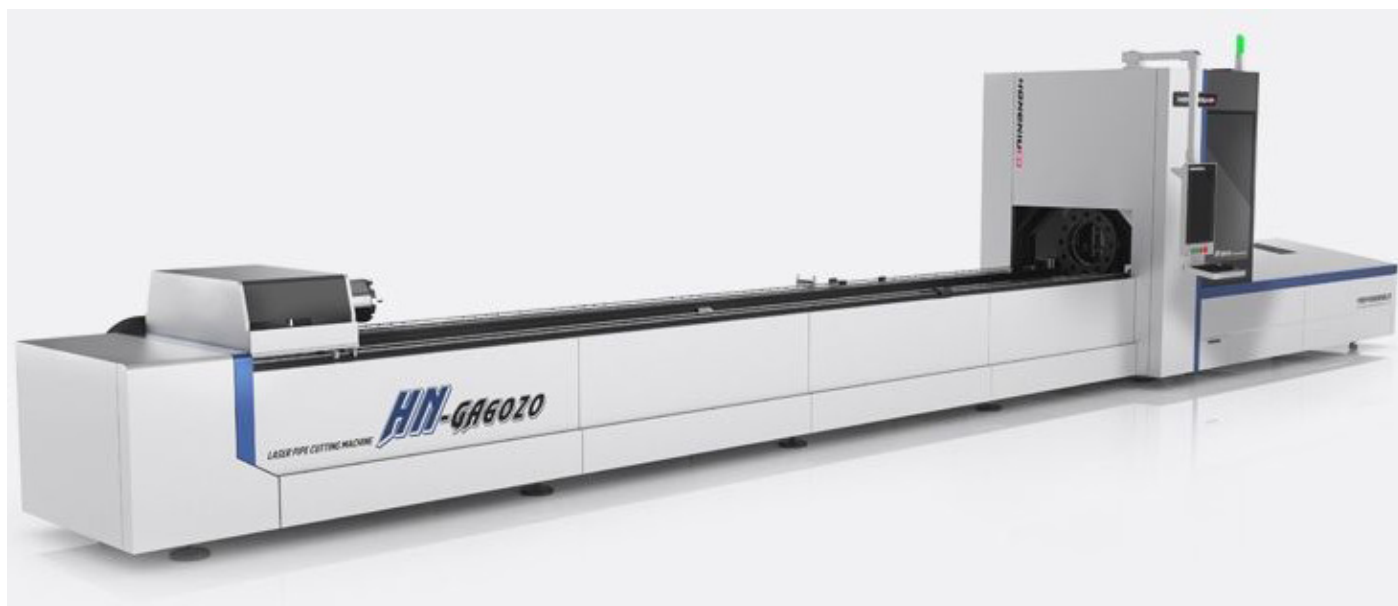
Technical details

Model	HN-GZ6020
Processing Length	6m
Laser Power	1000w 1500w 2000w 3000w
Protection Diameter	20-220mm
Positioning Accuracy	±0.03
Repositioning Accuracy	±0.02
Transmission Path	Precision Gear Drive

Working size: 6000mm/8000mm/10000mm Special cutting length: 6 meters, 8 meters, 10 meters, 3 models Suitable for all kinds of metal pipes: round pipe, square pipe, rectangular pipe, round pipe, waist pipe, D-shaped pipe, hexagonal pipe, special-shaped pipe, etc.

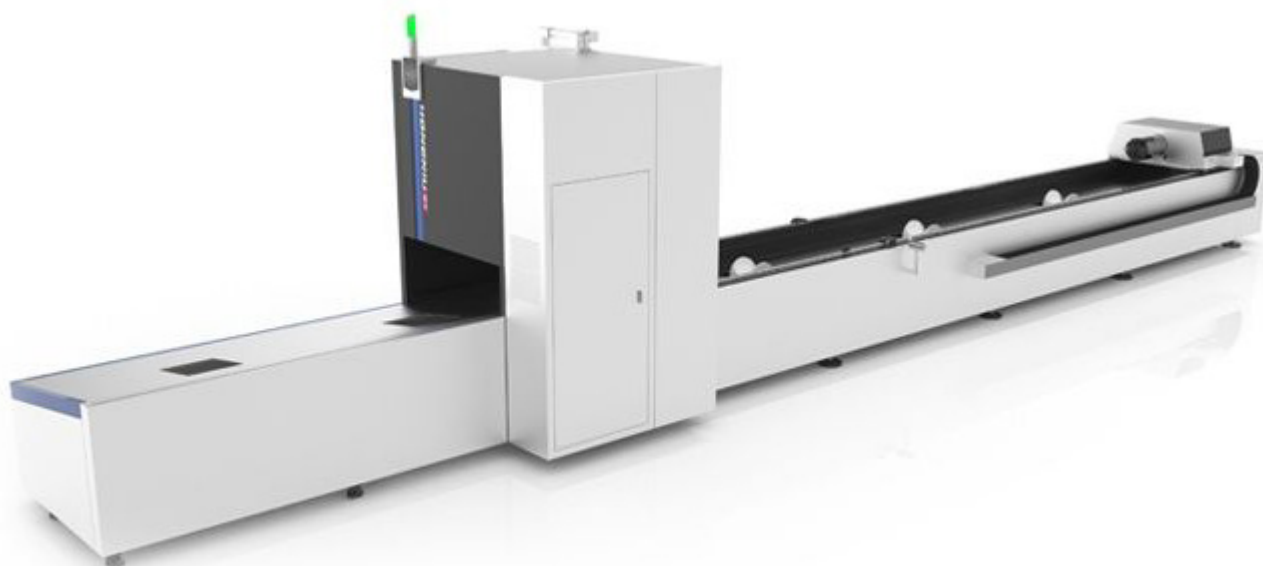
Main components of laser tube cutting machine

control system, low voltage electrical system, laser, heatsink, exhaust fan etc. Motor driven, front and rear pneumatic chuck clamping design, automatic center adjustment, wide clamping range, simple and stable operation.



Gear transmission mode, higher transmission efficiency

Gear transmission mode, higher transmission efficiency, automatic support device, solve the problem of deformation during long pipe cutting, effectively ensure support stability.



Cutting Samples





Application industry

Widely used in furniture, medical equipment, fitness equipment, oil pipelines, exhibition equipment, construction machinery, passenger car manufacturing, locomotive manufacturing, agricultural and forestry machinery, bridges, ships, structural parts, household appliances manufacturing and other industries.







Laser

Internal Chassis Plate Tube Integrated Laser Cutting Machine

Technical details

Model	3015	4020	6025
Processing Length	3000*1500mm	4000*2000mm	6000*2500mm
Laser Power	1000-20000W		
Repositioning Accuracy	0.02mm		
Max Movement Speed	140m/min		

Hongniu Laser Pipe Cutting Machine A machine with two functions, simple operation and easy operation

The saddle-shaped pipe support frame with precision scale can ensure that the 14 meters long pipe is not deformed

Open rocker console Lightweight structure, simple and generous appearance

Self-centering fixture system provides stable tube handling process to ensure high precision, high quality machined products

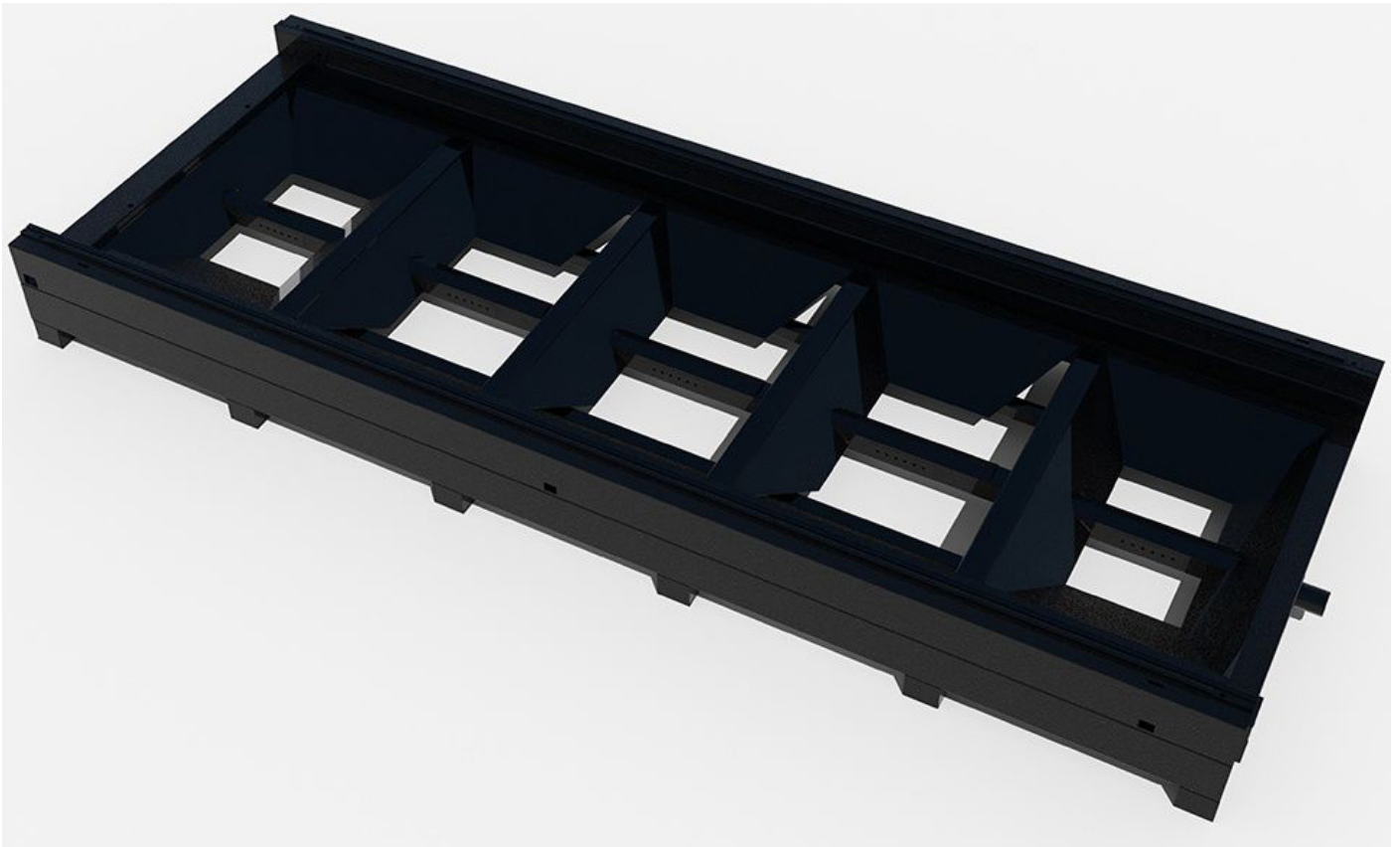
Cast aluminum beam

Reduce the load of servo motor, reduce inertia, but also save power cost, so that the equipment has very high speed, high efficiency



pipe welding machine bed

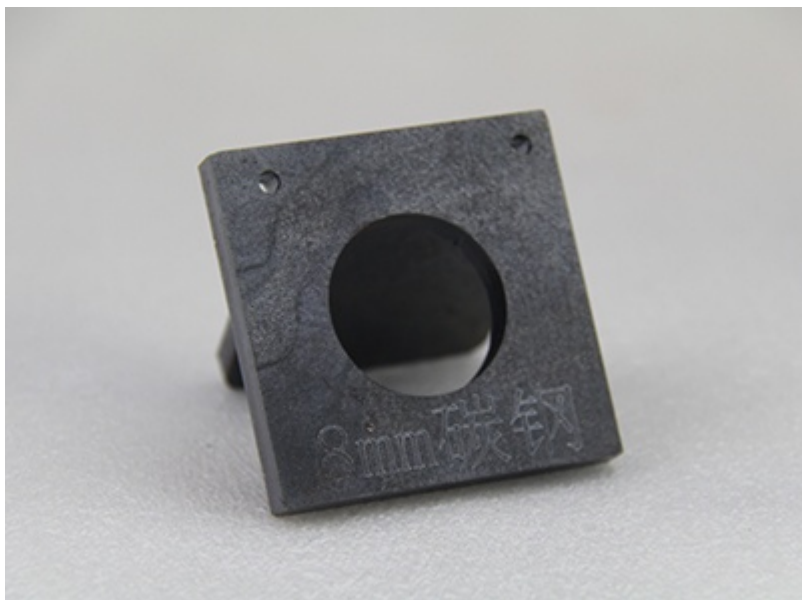
The internal structure of the bed is formed by welding multi-section rectangular pipes. Reinforced rectangular tubes are placed inside the bearing to increase the strength and tensile strength of the bearing, increase the tensile strength and stability of the guide surface, and effectively prevent the deformation of the bearing.



Examples and Application

We specialize in cutting square tube, round tube, rectangular tube, elliptical tube, D tube and hexagonal tube. The plate is specially used for cutting 0.5-25mm carbon steel plate, 0.5-16mm stainless steel plate, cold rolled plate, electrolytic plate, 0.5-16mm aluminum alloy plate, 0.5-10mm brass and red copper and other metal materials.

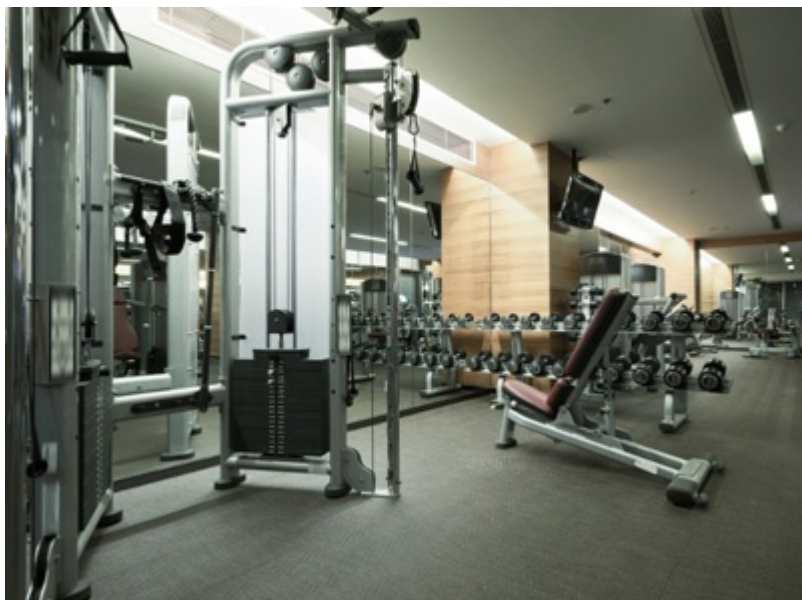


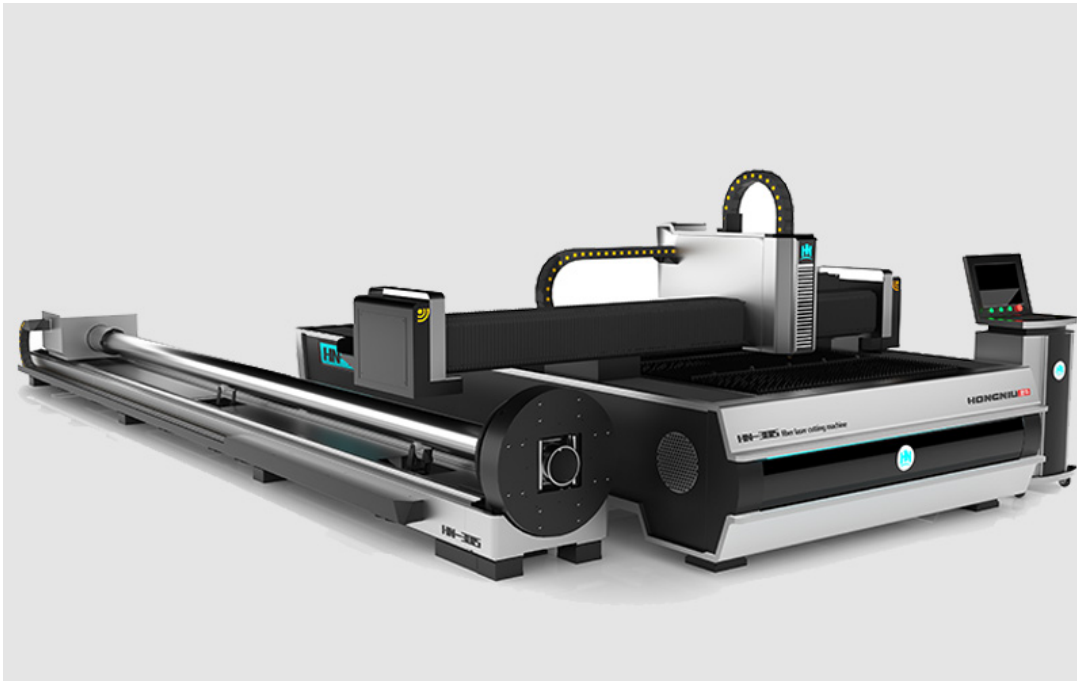


Application

Oil pipe, fitness equipment and other pipe-based mechanical processing, automobile manufacturing, chassis, cabinets and other plate-based mechanical processing







Laser

HN-3015

Technical details

Model	3015	4020	6025
Processing Length	3000*1500mm	4000*2000mm	6000*2500mm
Laser Power	1000-20000W		
Repositioning Accuracy	0.02mm		
Max Movement Speed	140m/min		

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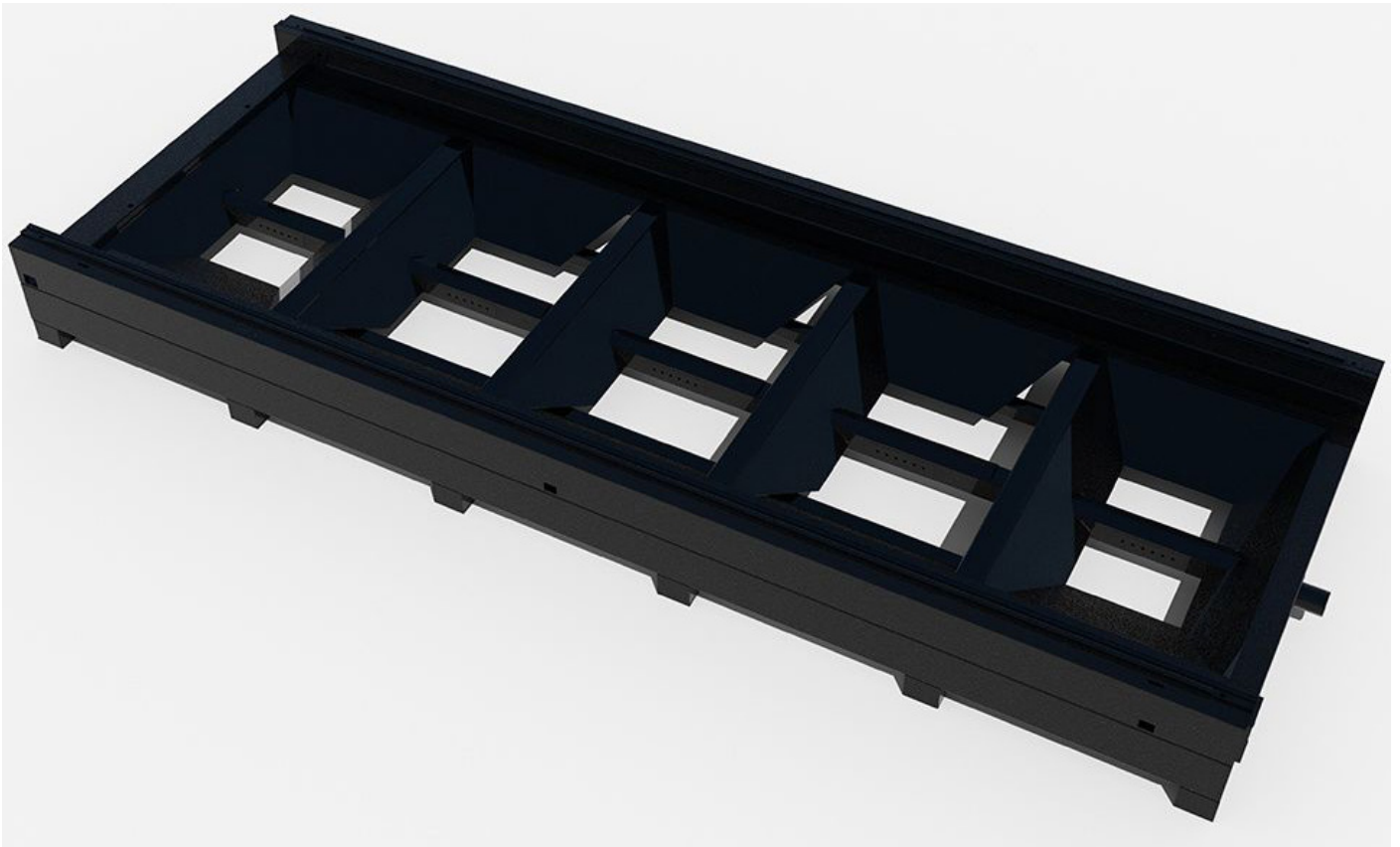
Cast aluminum beam

Reduce the load of servo motor, reduce inertia, but also save power cost, so that the equipment has very high speed, high efficiency



pipe welding machine bed

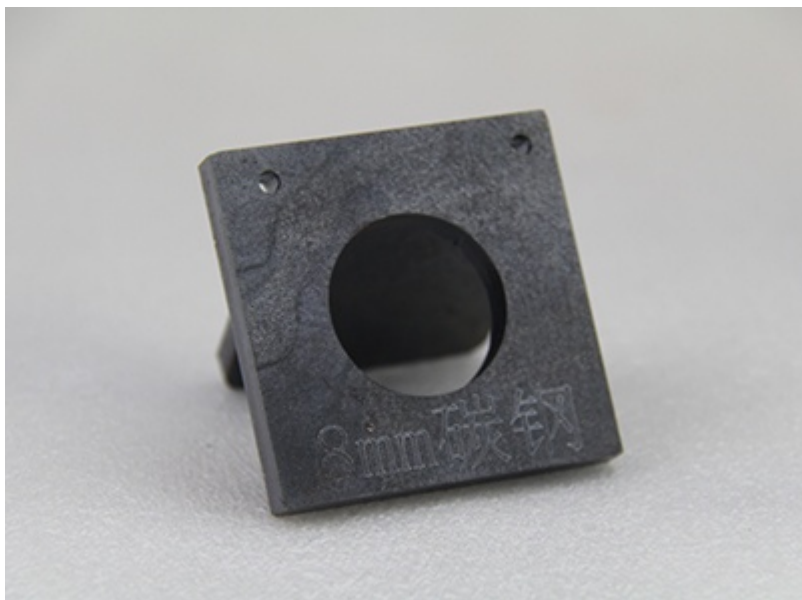
The internal structure of the bed is formed by welding multi-section rectangular pipes. Reinforced rectangular tubes are placed inside the bearing to increase the strength and tensile strength of the bearing, increase the tensile strength and stability of the guide surface, and effectively prevent the deformation of the bearing.



Examples and Application

We specialize in cutting square tube, round tube, rectangular tube, elliptical tube, D tube and hexagonal tube. The plate is specially used for cutting 0.5-25mm carbon steel plate, 0.5-16mm stainless steel plate, cold rolled plate, electrolytic plate, 0.5-16mm aluminum alloy plate, 0.5-10mm brass and red copper and other metal materials.



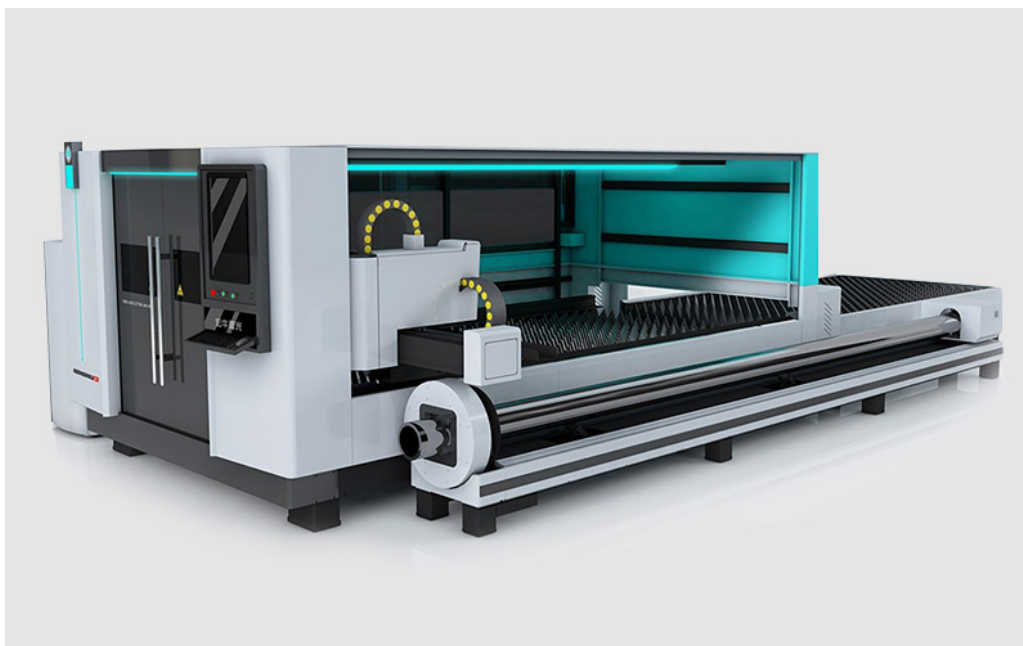


Application

Oil pipe, fitness equipment and other pipe-based mechanical processing, automobile manufacturing, chassis, cabinets and other plate-based mechanical processing







Laser

Large Enveloping Plate And Tube Integrated Laser Cutting Machine

Technical details

Model	3015	4020	6025
Processing Length	3000*1500mm	4000*2000mm	6000*2500mm
Laser Power	1000-20000W		
Repositioning Accuracy	0.02mm		
Max Movement Speed	140m/min		

Plate and tube integrated laser cutting machine has two functions: cutting plate and cutting tube. All equipment adopts fully enclosed laser protective cover, which is beautiful, safe and environmentally friendly. It is also standard with a dedicated change platform, fast change speed, easy feeding and unloading. High processing efficiency

Using rack and pinion transmission system

Pinion and rack transmission system, professional CNC system for pipe cutting, high precision, full function, easy to operate and simple to operate.



Automatic full-time pneumatic chuck

One-button clamping, automatic centering, speed is 3 times of electric chuck, reducing waiting time for materials loading and unloading; Pneumatic clamping, clamping force is large and stable, heavy pipe does not loosen and slip, cutting accuracy to ensure;



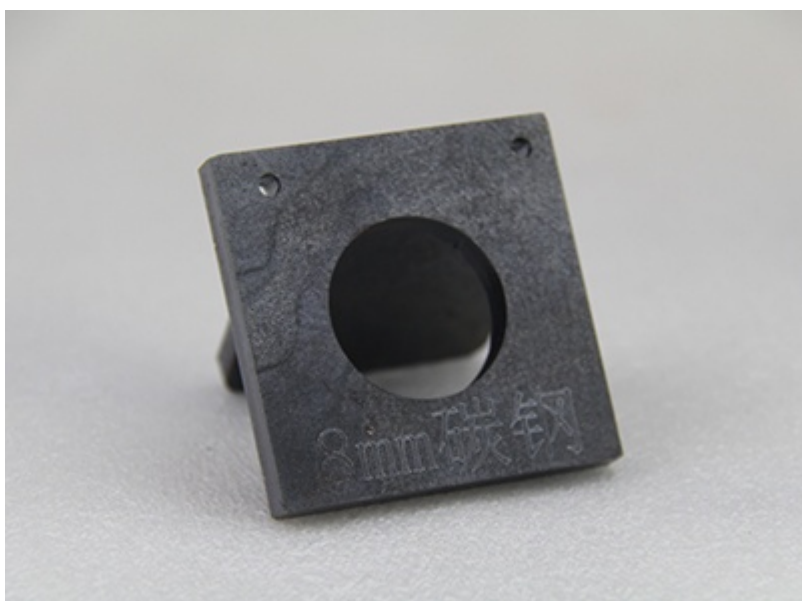
Cylinder support with freely adjustable height can hold the pipe to avoid sagging deformation of the pipe, improve the cutting accuracy and prolong the service life of the chuck



Examples and Application

We specialize in cutting square tube, round tube, rectangular tube, elliptical tube, D tube and hexagonal tube. The plate is specially used for cutting 0.5-25mm carbon steel plate, 0.5-16mm stainless steel plate, cold rolled plate, electrolytic plate, 0.5-16mm aluminum alloy plate, 0.5-10mm brass and red copper and other metal materials.



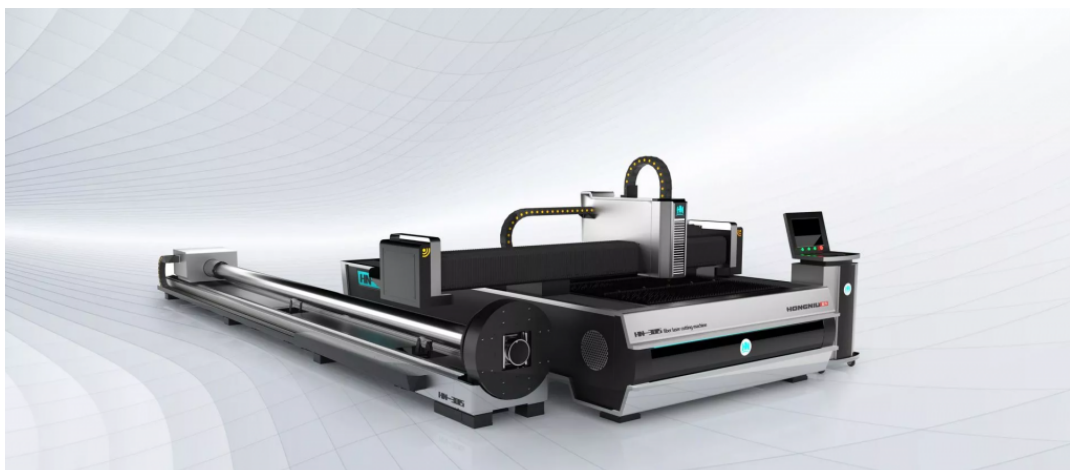


Application

Oil pipe, fitness equipment and other pipe-based mechanical processing, automobile manufacturing, chassis, cabinets and other plate-based mechanical processing







Laser

Plate And Tube Integrated Laser Cutting Machine

Technical details

Model	3015	4020	6025
Cutting Area	3000*1500mm	4000*2000mm	6000*2500mm
Laser Power	1000-20000W		
Repositioning Accuracy	0.02mm		
Maximum Movement Speed.	140m/min		

HN laser sheet and tube fiber laser cutting machine is a high performance cutting machine specially designed for extensive metal fabrication.

1. The board and the tube are dual-purpose, to meet the needs of the two kinds of processing. Save more than 50% of space and increase production efficiency.
2. The laser electro-optical conversion rate is a high rate of up to 30% or more, which can significantly reduce power consumption and reduce production costs.
3. Customize as needed. The cutting board part can adjust the size of the work table and single and double platforms according to customer needs.
4. This machine adopts pneumatic full-time chuck, the maximum clamping range can reach 15-220mm round tube, high precision chuck with high precision servo deceleration system, cutting effect is excellent

Advantages

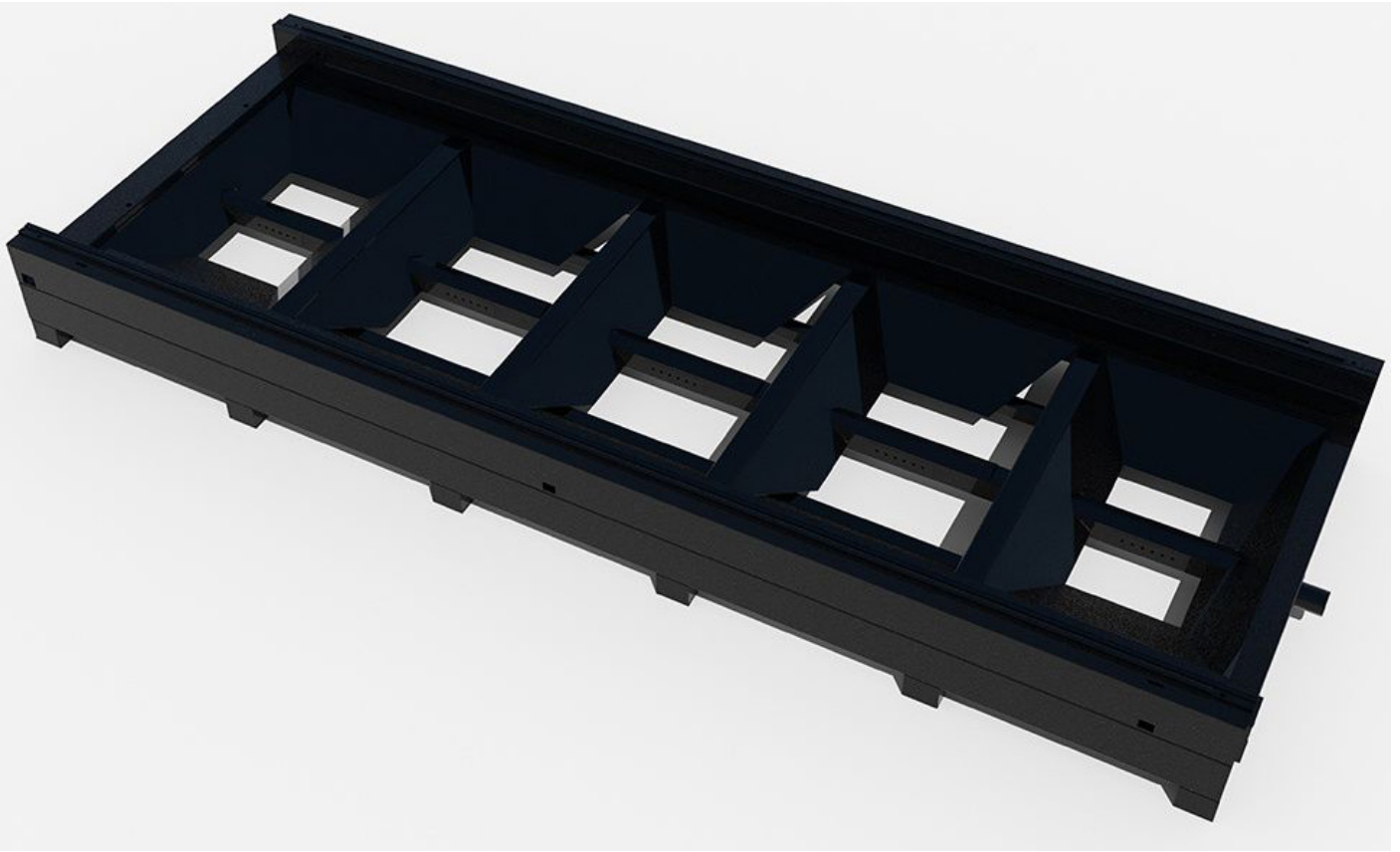


Plate Welding Heavy Duty Bed

High impact resistance performance, Good integrity, hardness and toughness;

Integrated die-cast aluminum beam, no rivets at both ends, more stable.

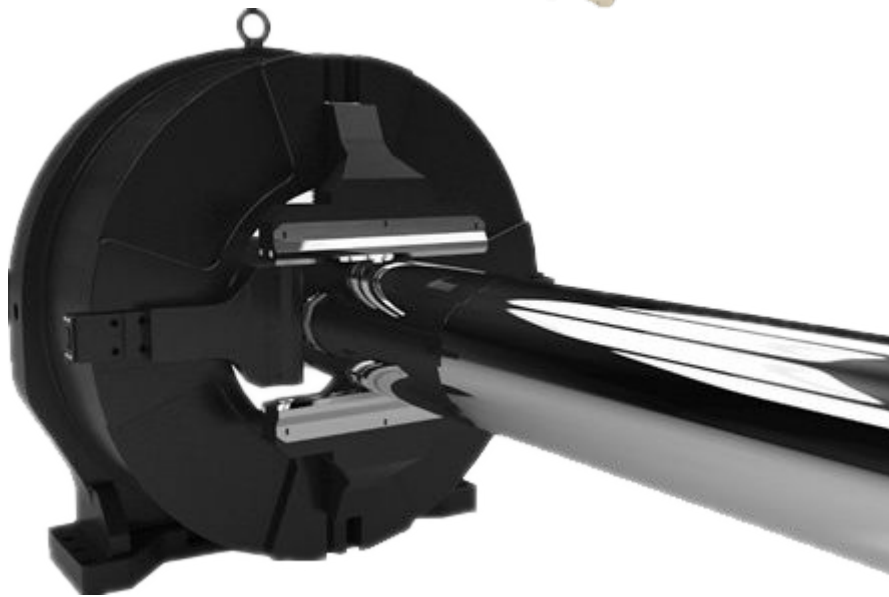
Professional Sheet & Pipe Cutting System

Cypcut Laser Cutting System

More user-friendly human-machine interaction;

Simple, economical, practical and convenient;

Highly integrated and highly intelligent with all-in-one file reading, design, output and processing control.



Professional Sheet & Pipe Cutting System

It adopts a pneumatic clamp design on both sides and can modulate the center automatically.

The cross adjustable range is 20-220mm.

Single machine, double use

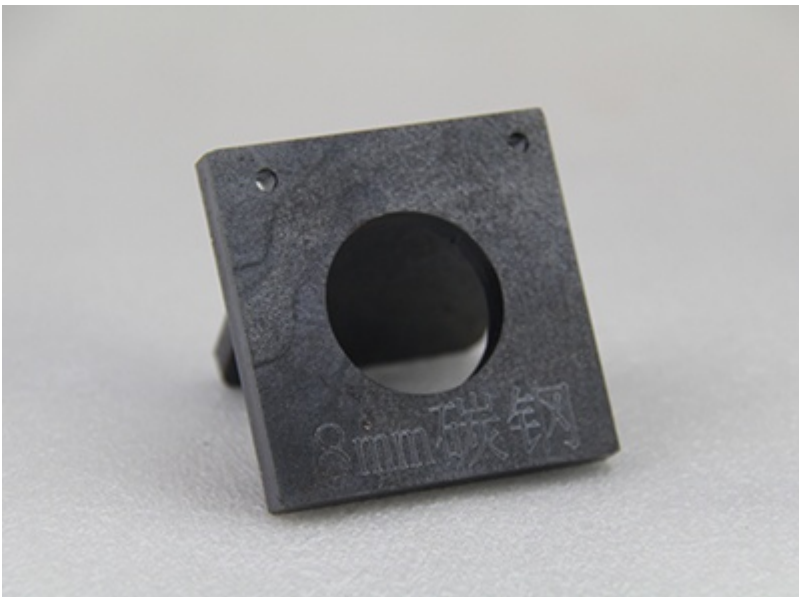
Save cost, save space

Mass production, high efficiency

Self-centering jig system with electric chuck at both ends of metal pipes

Examples and Application

We specialize in cutting square tube, round tube, rectangular tube, elliptical tube, D tube and hexagonal tube. The plate is specially used for cutting 0.5-25mm carbon steel plate, 0.5-16mm stainless steel plate, cold rolled plate, electrolytic plate, 0.5-16mm aluminum alloy plate, 0.5-10mm brass and red copper and other metal materials.

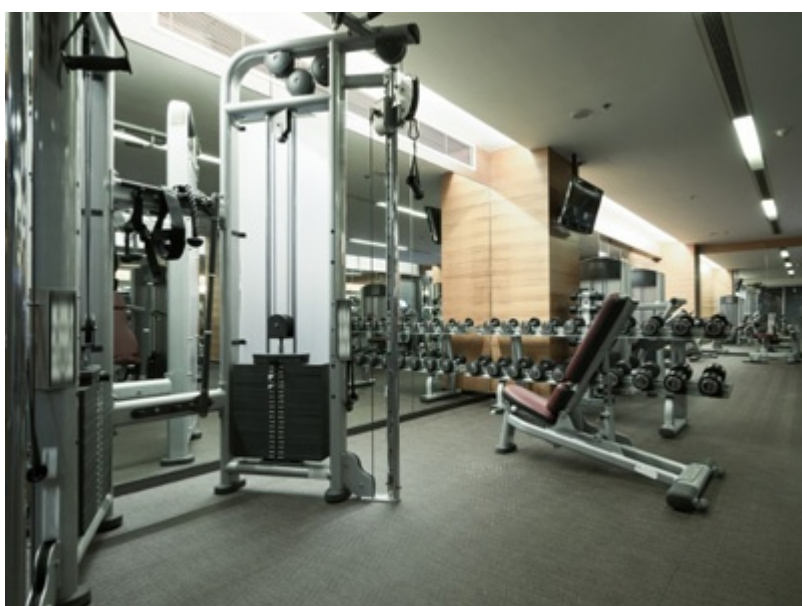




Application

Oil pipe, fitness equipment and other pipe-based mechanical processing, automobile manufacturing, chassis, cabinets and other plate-based mechanical processing







Laser

Coil automatic loading and unloading laser cutting machine

Technical details

Model	HN-3015A
Laser Power	1000-3000W
Repeatability	0.02mm
Processing format	3000mm*1500mm
Maximum connection speed	140m/min

The laser sheet uncoiling, leveling and cutting production line has the function of automatic cut-to-length sheet material, which can unwind, flatten and laser cut all kinds of coil material into different sheet specifications, and automatically transmit the gap.

Practical and Efficient

Using this line can significantly improve production efficiency, reduce costs, ensure product quality, and improve the market competitiveness of enterprises.



High Precision

It is equipped with a high precision servo motor, a reliable laser control system and a high-end programmable control system to ensure accurate feeding and cutting.



high stability

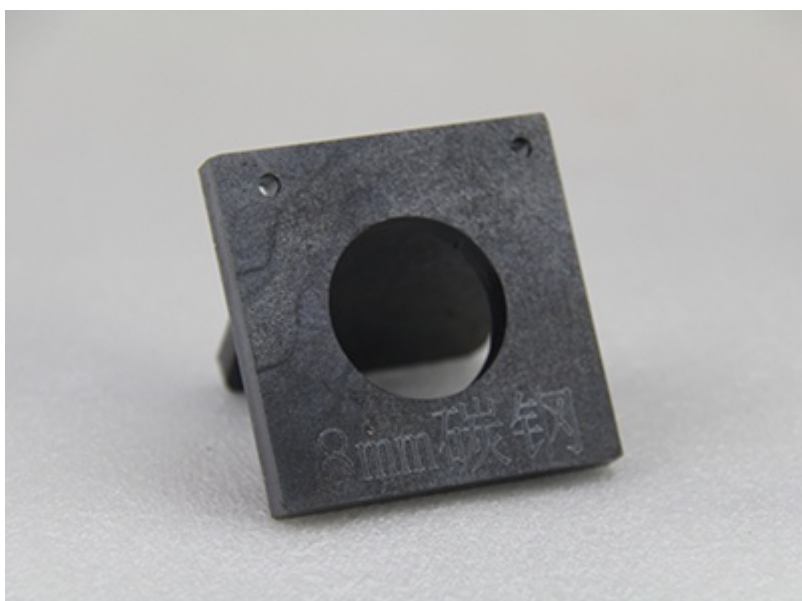
The use of rotatable rolling blades ensures that the transport of sheet material is synchronized with the rotation of the bed during the cutting operation. Double-sided chain transmission mode is adopted to ensure that the force at both ends of the rotating blade is equal, the bearing is more stable when running, and the cutting accuracy is improved.



Examples and Application

We specialize in cutting square tube, round tube, rectangular tube, elliptical tube, D tube and hexagonal tube. The plate is specially used for cutting 0.5-25mm carbon steel plate, 0.5-16mm stainless steel plate, cold rolled plate, electrolytic plate, 0.5-16mm aluminum alloy plate, 0.5-10mm brass and red copper and other metal materials.

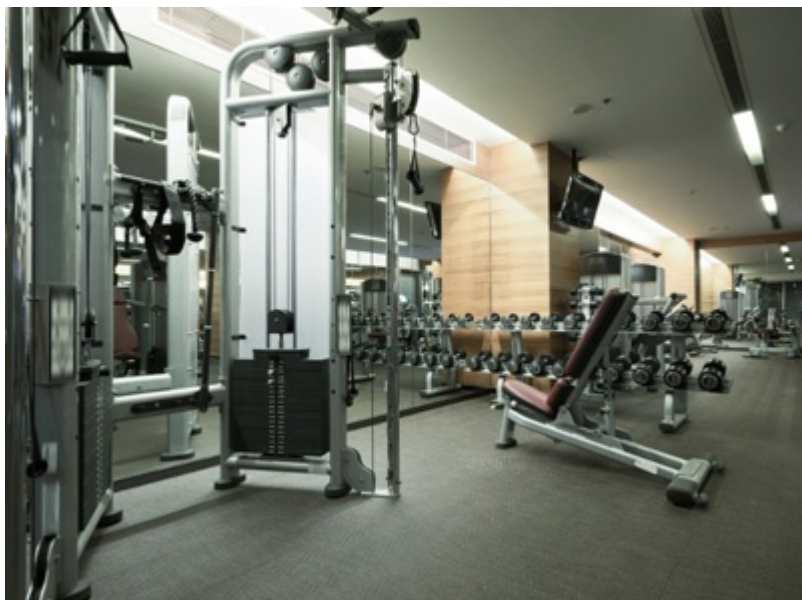




Application

Oil pipe, fitness equipment and other pipe-based mechanical processing, automobile manufacturing, chassis, cabinets and other plate-based mechanical processing







Laser

Handheld Laser Welding Machine

Technical details

Laser cleaning is the latest and most advanced surface precision cleaning technology on the market.

The high energy efficiency and instantaneous high temperature of the laser are used to create an explosion-like effect on the surface of the product, and the impurities and materials that need to be removed from the surface are stripped and evaporated to achieve a satisfactory high level. quality surface treatment effect.

Compared with traditional industrial cleaning methods, laser cleaning has the characteristics of environmental protection, high efficiency, small footprint, high flexibility and easy operation, and is accepted by more and more customers.

Material	Aluminum	Stainless steel	Carbon steel	Galvanized Sheet
1000W	1.0mm	1.5mm	1.5mm	1.2mm
1500W	1.2mm	2.0mm	2.0mm	1.5mm
2000W	2.5mm	3.0mm	3.0mm	2.5mm

Main Advantages



Handheld Design, Super Flexible

Hongniu Laser's aim is to provide more possibilities to our machine, using the hand-held clean head design, it achieves cleaning different materials from different angles.

Industrial Style, Space Saving

According to its ergonomics and processing characteristics, it meets the industrial placement design requirement, which saves production space in different aspects and applies to different processing environments.





Laser

3D Laser Cutting Robot

Technical details

Item number	HN-RJ500
Arm Span	1900mm
Spatial Freedom	6 axis 6 axis
Repeatability	$\leq \pm 0.06\text{mm}$
Output Power	500W
Central Wavelength	1080nm
Input Power	Teaching Machine—380V/50HZ/100A Laser—220/50HZ/2KW
Cooling system	Water Cooler
Programmatically	Teach Necklace

The mechanical structure adopts an imported manipulator, six-axis linkage, and the laser beam guiding device is fully integrated into the robot arm. By combining the advantages of a stable laser and a movable robot arm, it can realize the processing and manipulation of arbitrary and specific curves in three-dimensional space. Convenience, high intelligence, greatly shorten the cycle time, ensure high speed operation, high precision and reliability of the

equipment.



Large processing area, maximum working radius can reach 1800mm, combined with six-axis feeding processing method. Using intelligent robots, the cutting precision is high, stable and reliable.

It can intelligently recognize multi-dimensional model files and directly generate cutting trajectories to perform

accurate and fast three-dimensional cutting tasks. At the same time, you can freely choose the installation method according to the needs of the processing site, and greatly improve the cutting efficiency of the enterprise. Top-mounted or floor-mounted installation method can be selected according to the ground and working habits, and the thickness of the cutting board may be different.





Laser

Laser Cleaning Machine

Technical details

Model Name	Portable Handheld Fiber Laser Cleaning Machine
Laser Generator	Chinese Famous Brand Raycus RFL-C2000
Laser Wavelength	1064nm
Power source	1000w,1500w optional
Laser Scan Cleaning Head And Control System	Hanwei
Cooling system	Hanley Industrial Water Chiller For Water Cooling
Scanning Width in Processing Materials	1-50mm
Operating voltage	220V,1ph,50/60hz
HS Code	8479899990
Machined Parts on Delivery	Lens: 3 Pics Power Cord:1 pic
Guarantee	Laser Source: 2 years Other Departments: 1 year

Functional Tip

Straight angle Internal angle External angle Wire feed Cutting head Change different inserts according to different welding and cutting needs

Properties

The welding seam is smooth and beautiful, reducing the subsequent polishing, Saving time and cost, Welding the workpiece without deformation, No weld marks, solid welding, less laser welding consumables, Long life, safer and more environmentally friendly.





Gantry Plasma Cutting Machine

Gantry Plasma Cutting Machine

Technical details

model	1313	1325	1530	2040	2060
Working area	1300*1300mm	1300*2500mm	1500*3000mm	2000*4000mm	2000*6000mm
Working area	LGK63-200A				
cutting thickness	0.5-35mm				
Maximum Working speed	15000mm/min				
Working mode	Contactless arc ignition				

The beam adopts the German technology box beam structure

The beam adopts the German technology box beam structure, the width is about 1000mm, and the overall rigidity is good. Post weld aging removes residual stress and does not deform after prolonged use; Longitudinal guide rail

adopts 24kg/U71Mn high strength rail coating and guide surface roughness Ra0.8 μ m; Longitudinal drive frame (end frame): It should be made of high-strength heavy rail, and the top and two sides should be precisely processed by a special grinder.



Cutting Samples

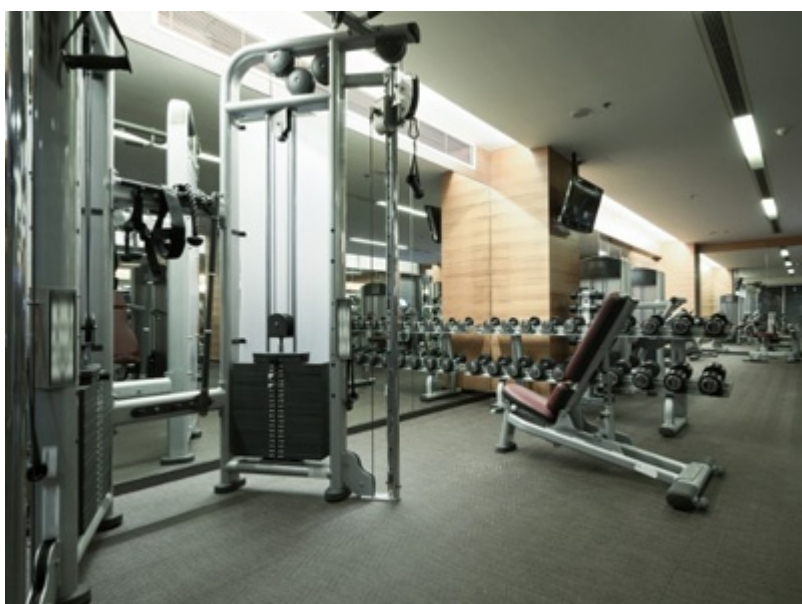
Suitable for low carbon steel, copper, iron, aluminum, galvanized, titanium and other metal plates.





Application Industry

It is widely used in engineering machinery, shipbuilding industry, mining machinery, thick plate special-shaped cutting and riveting industries, etc.







Industrial Desktop Plasma Cutting Machine

Industrial Desktop Plasma Cutting Machine

Used in engineering machinery, shipbuilding industry, mining machinery, thick plate special-shaped cutting, riveting and welding industry, and other large steel plate cutting industries

Technical details

model	1313	1325	1530	2040	2060
Working area	1300*1300mm	1300*2500mm	1500*3000mm	2000*4000mm	2000*6000mm
Working area	LGK63-200A				
cutting thickness	0.5-35mm				
Maximum Working speed	15000mm/min				
Working mode	Contactless arc ignition				

The whole mechanical transmission system adopts precision roller bearings and precision gears and racks with national standard 7th grade machining precision.



The drive system adopts a domestic high-split motor. At the same time, an automatic backlash compensation device is added in the horizontal and longitudinal gear transmission structure, so that the transmission structure can accurately fulfill the instructions given by the CNC system.



Active End Beam

The longitudinal rail adopts linear slide rail to make it run smoothly on two rails. All equipment parts are processed by blackening and electroplating.



Cutting Samples

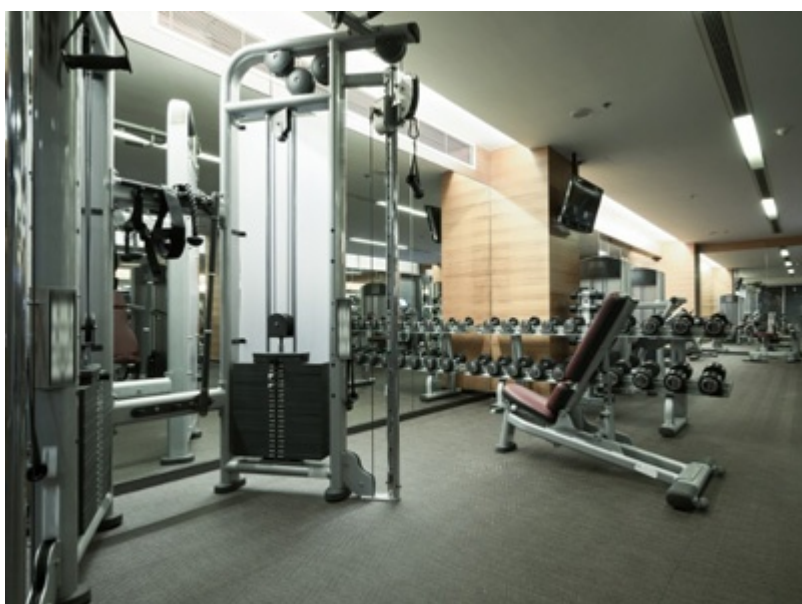
Suitable for low carbon steel, copper, iron, aluminum, galvanized, titanium and other metal plates.





Application Industry

It is widely used in engineering machinery, shipbuilding industry, mining machinery, thick plate special-shaped cutting and riveting industries, etc.







Detachable Plasma Cutting Machine

Detachable Plasma Cutting Machine

Technical details

model	1313	1325	1530	2040	2060
Working area	1300*1300mm	1300*2500mm	1500*3000mm	2000*4000mm	2000*6000mm
Working area	LGK63-200A				
cutting thickness	0.5-35mm				
Maximum Working speed	15000mm/min				
Working mode	Contactless arc ignition				

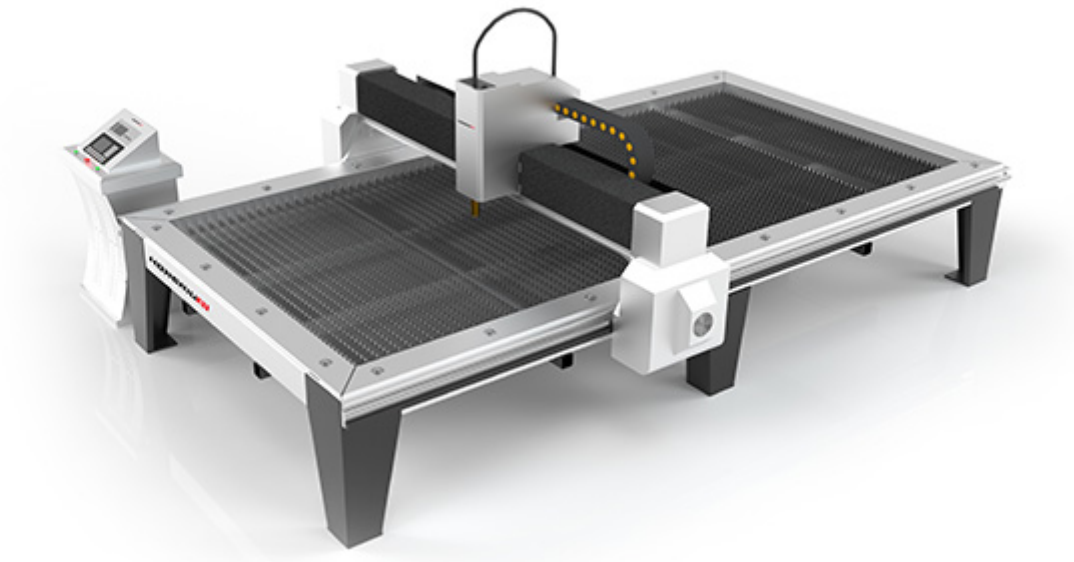
Equipment advantages

Detachable plasma cutting machine beam part: It adopts Taiwan imported biaxial guide rail and is equipped with dust cover protection. The plasma height-adjustable body is made of aluminum alloy structure to reduce the load of the beam, and the height-adjustable shaft is a high-carbon steel bar with high hardness and wear resistance. The plasma assisted interface is equipped with a plasma anti-collision device to provide safety protection for the plasma cutting gun. At the same time, it is equipped with a plasma cutting water spray device, which can improve the cutting effect and reduce thermal deformation, real-time spray water to the cutting point during cutting.



Drive System

The high precision stepper motor can optionally be equipped with a Panasonic servo motor. Used gears and racks are quenched with new fully automatic quenching equipment. Precision processing technology makes its accuracy reach GB/T100967-9 level standard. At the same time, Taiwan double roller linear guide is used to provide more accurate longitudinal movement.



Detachable Plasma Cutting Machine

Detachable plasma cutting machine, small size, light weight, easy transportation



По вопросам продаж и поддержки обращайтесь:

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