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Product Catalog

Jinan HUAXIA Machinery Equipment Co.,Ltd

“ Company Profile

CATALOG

Jinan Huaxia Machinery Equipment Co., Ltd. is a high-tech enterprise that integrates research and development, production, sales, and service, providing high-quality all scene laser intelligent solutions to global customers. The company has a high standard sheet metal production capacity, a scientific and efficient assembly line, and a comprehensive and systematic service network. Its products are exported to more than 180 countries and regions worldwide.

Based on research and development and driven by innovation, Huaxia Machinery continues to increase investment in research and development, introduce professional talents, and build a professional and technically strong R&D team, providing one-stop industrial laser application solutions for global users. The product has been widely used in the manufacturing of precision components in fields such as automotive parts, construction machinery, bridge construction templates, prefabricated buildings, transmission towers for special transformers, coal mining, and petrochemical equipment. It has gradually begun to be applied in new energy vehicles, high-end agricultural machinery, aviation and aerospace, and the company's customers cover more than 100 countries and regions.

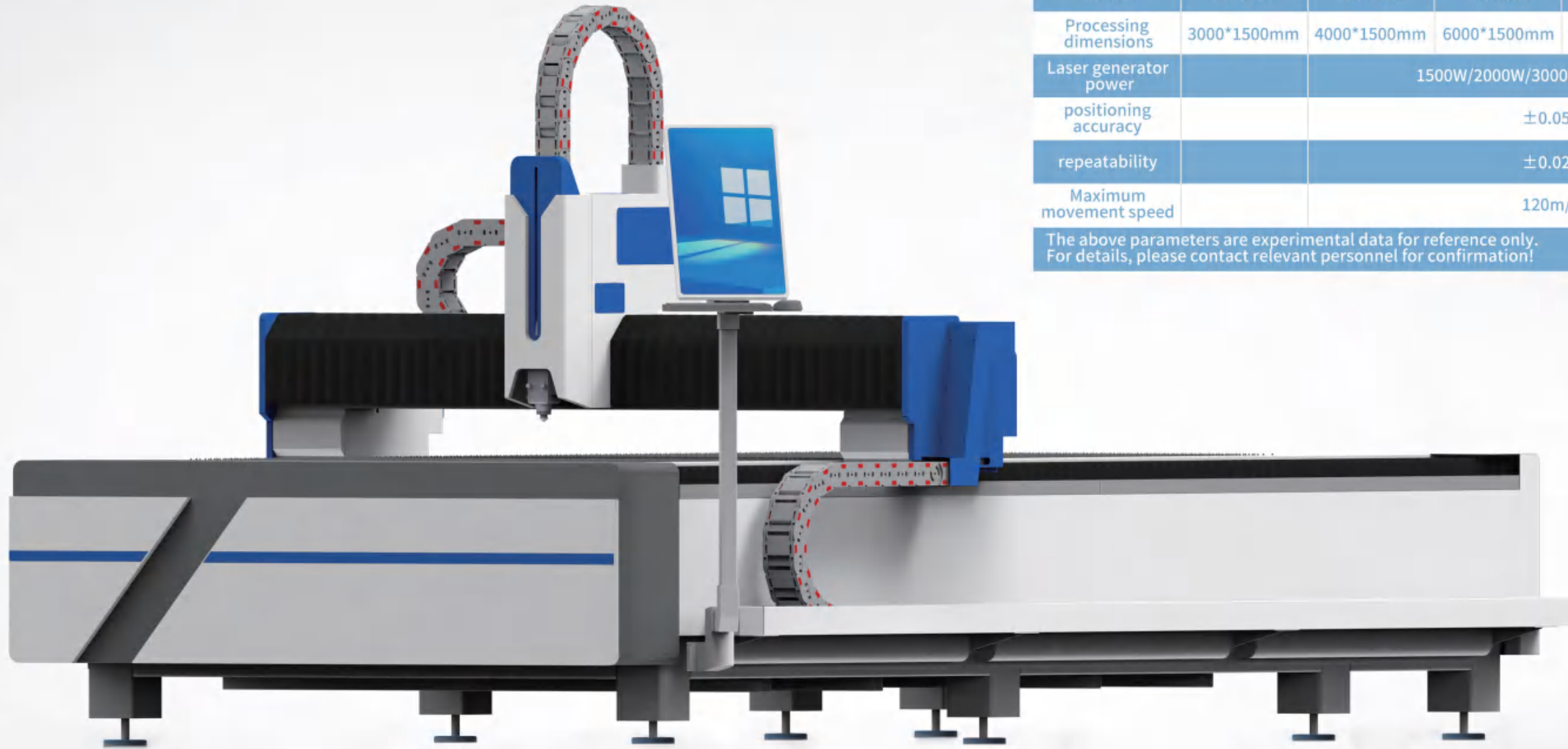
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SINGLE PLATFORM LASER CUTTING MACHINE

◎ TECHNICAL PARAMETER

model	HX-3015	HX-4015	HX-6015	HX-3020	HX-4020	HX-6020
Processing dimensions	3000*1500mm	4000*1500mm	6000*1500mm	3000*2000mm	4000*2000mm	6000*2000mm
Laser generator power	1500W/2000W/3000W/6000W/12000W					
positioning accuracy	±0.05mm					
repeatability	±0.02mm					
Maximum movement speed	120m/min					

The above parameters are experimental data for reference only. For details, please contact relevant personnel for confirmation!



◎ PRODUCT FEATURES

- ▶ Single platform laser cutting machines are specialized in the field of metal forming and processing, such as flat sheet metal.
- ▶ Widely used in sheet metal, advertising, kitchenware, bathroom, engineering machinery, shipbuilding and aerospace, automotive parts and other processing industries. Easy installation, easy debugging, excellent performance, complete solutions, stable and reliable, easy deployment, easy debugging, safe production, rich functionality, excellent performance, and other characteristics.

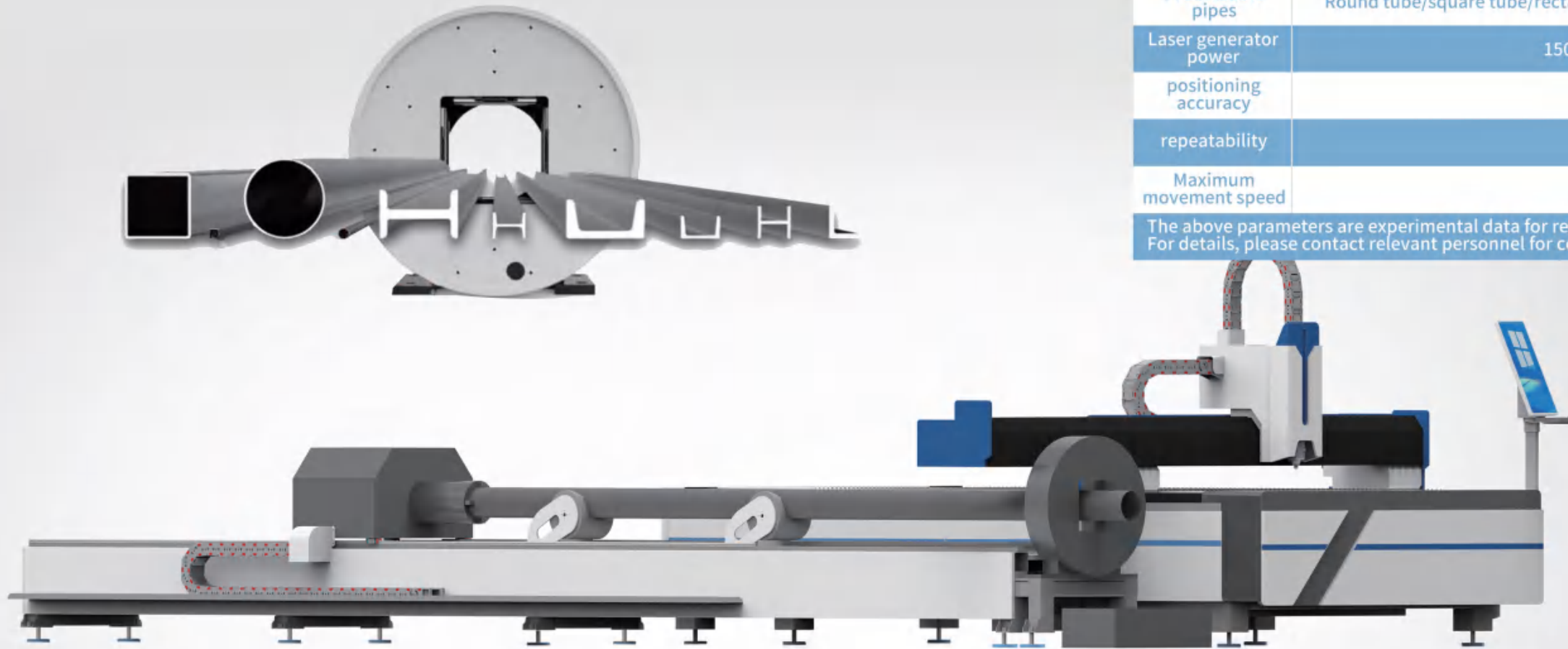
◎ PROCESSING SAMPLES



PLATE AND TUBE INTEGRATED LASER CUTTING MACHINE

TECHNICAL PARAMETER

model	HX-3015	HX-4015	HX-6015	HX-3020	HX-4020	HX-6020
Processing dimensions of sheet metal	3000*1500mm	4000*1500mm	6000*1500mm	3000*2000mm	4000*2000mm	6000*2000mm
Processing dimensions of pipes	Φ 10- Φ 360mm (customizable according to user requirements)					
Processable pipes	Round tube/square tube/rectangular tube/elliptical tube/l-beam/channel steel/angle steel					
Laser generator power	1500W/2000W/3000W/6000W/12000W					
positioning accuracy	±0.05mm					
repeatability	±0.02mm					
Maximum movement speed	120m/min					
The above parameters are experimental data for reference only. For details, please contact relevant personnel for confirmation!						



PRODUCT FEATURES

- ▶ The integrated laser cutting machine for sheet metal and various pipe materials is widely used in processing industries such as sheet metal, advertising, kitchenware, bathroom, engineering machinery, shipbuilding and aerospace, and automotive parts.
- ▶ Easy installation, easy debugging, excellent performance, complete solutions, stable and reliable, easy deployment, easy debugging, safe production, rich functionality, excellent performance, and other characteristics.

PROCESSING SAMPLES

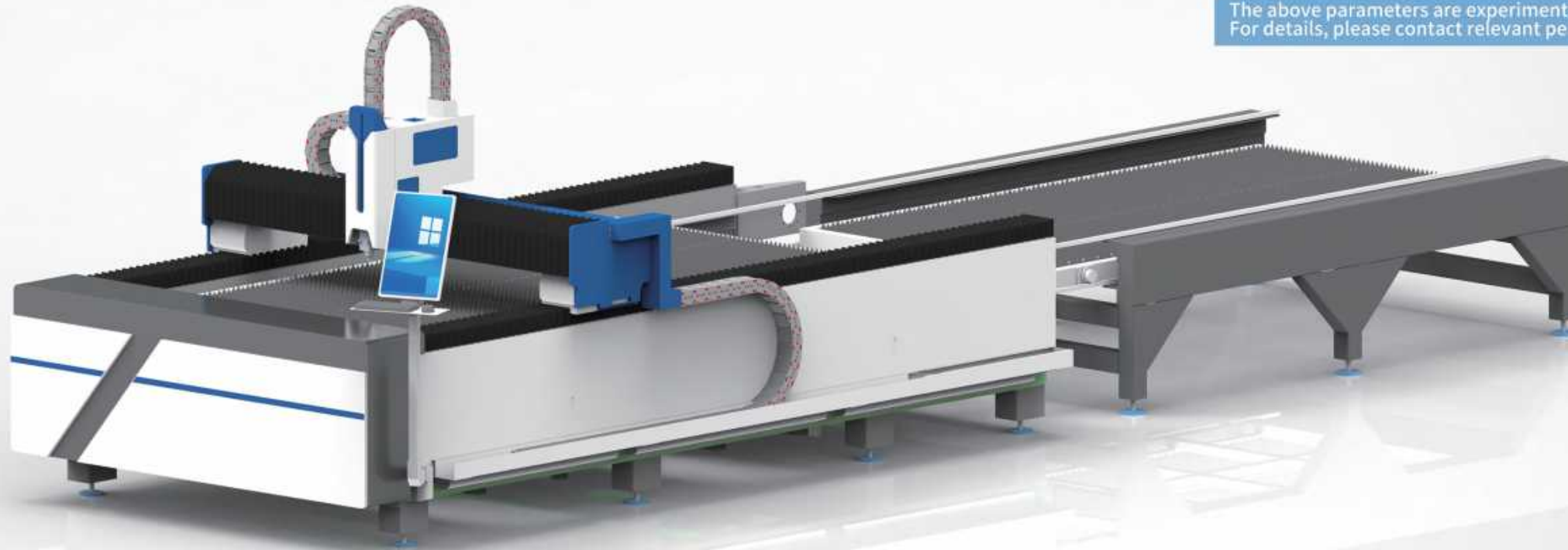


EXCHANGE TABLE LASER CUTTING MACHINE

TECHNICAL PARAMETER

model	HX-3015	HX-4015	HX-6015	HX-3020	HX-4020	HX-6020
Processing dimensions	3000*1500mm	4000*1500mm	6000*1500mm	3000*2000mm	4000*2000mm	6000*2000mm
Laser generator power	1500W/2000W/3000W/6000W/12000W					
positioning accuracy	±0.05mm					
repeatability	±0.02mm					
Maximum movement speed	120m/min					

The above parameters are experimental data for reference only. For details, please contact relevant personnel for confirmation!



PRODUCT FEATURES

► The exchange platform laser cutting machine is professionally applied in the field of metal forming processing such as flat plates. It adopts a dual cutting platform exchange form, which improves work efficiency and adds a closed structure, making operators safer. Widely used in sheet metal, advertising, kitchenware, bathroom, engineering machinery, shipbuilding and aerospace, automotive parts and other processing industries.

PROCESSING SAMPLES



CLOSED EXCHANGE PLATFORM LASER CUTTING MACHINE

◎ TECHNICAL PARAMETER

model	HX-3015	HX-4015	HX-6015	HX-3020	HX-4020	HX-6020
Processing dimensions	3000*1500mm	4000*1500mm	6000*1500mm	3000*2000mm	4000*2000mm	6000*2000mm
Laser generator power	1500W/2000W/3000W/6000W/12000W					
positioning accuracy	±0.05mm					
repeatability	±0.02mm					
Maximum movement speed	120m/min					

The above parameters are experimental data for reference only.
For details, please contact relevant personnel for confirmation!



◎ PRODUCT FEATURES

► The closed exchange platform laser cutting machine is specialized in the field of metal forming and processing such as flat plates. It adopts a dual cutting platform exchange form, which improves work efficiency and adds a closed structure, making operators safer.

◎ PROCESSING SAMPLES

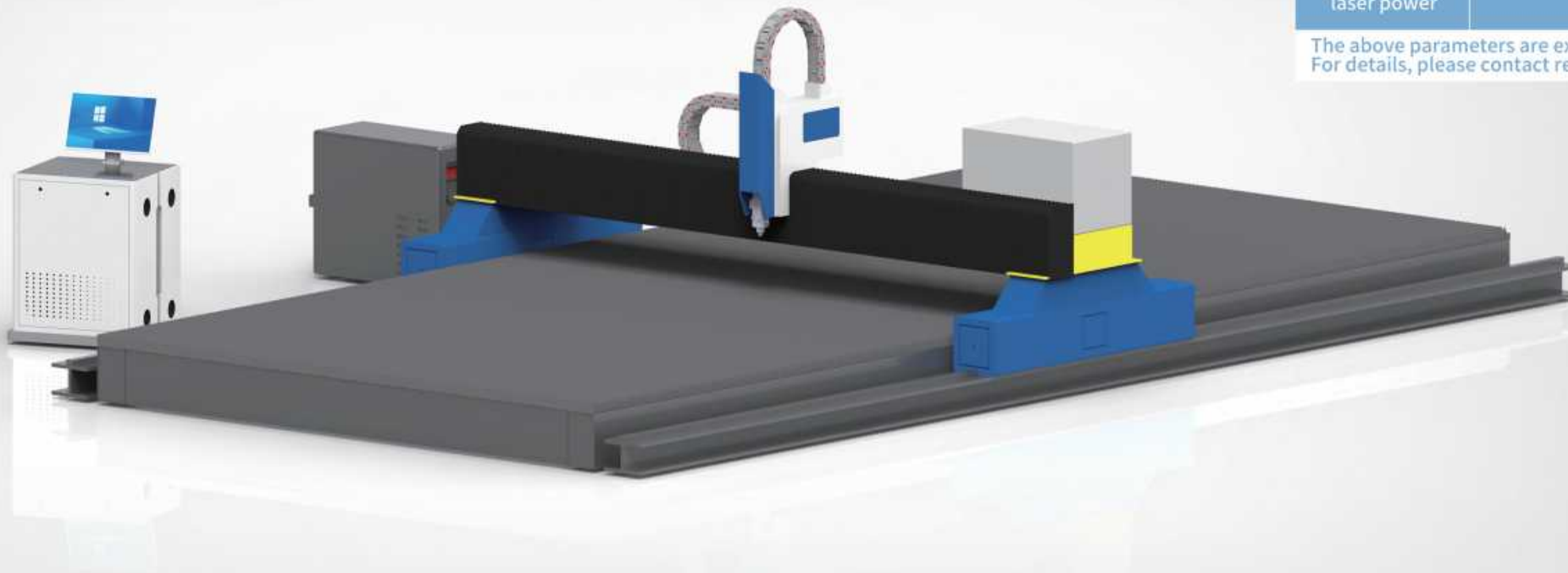


GANTRY LASER CUTTING MACHINE

◎ TECHNICAL PARAMETER

model	HX-6020	HX-6030	HX-6040	HX-1220	HX-1230	HX-1240
Processing format	6000*2000mm	6000*3000mm	6000*4000mm	12000*2000mm	12000*3000mm	12000*4000mm
positioning accuracy	±0.1/10000mm					
repeatability	±0.05mm					
Maximum operating speed	60m/min					
Maximum acceleration	1G					
laser power	6000W/12000W/15000W/20000W/30000W					

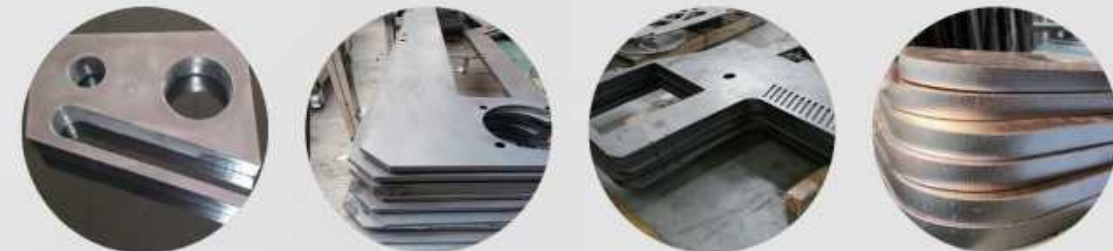
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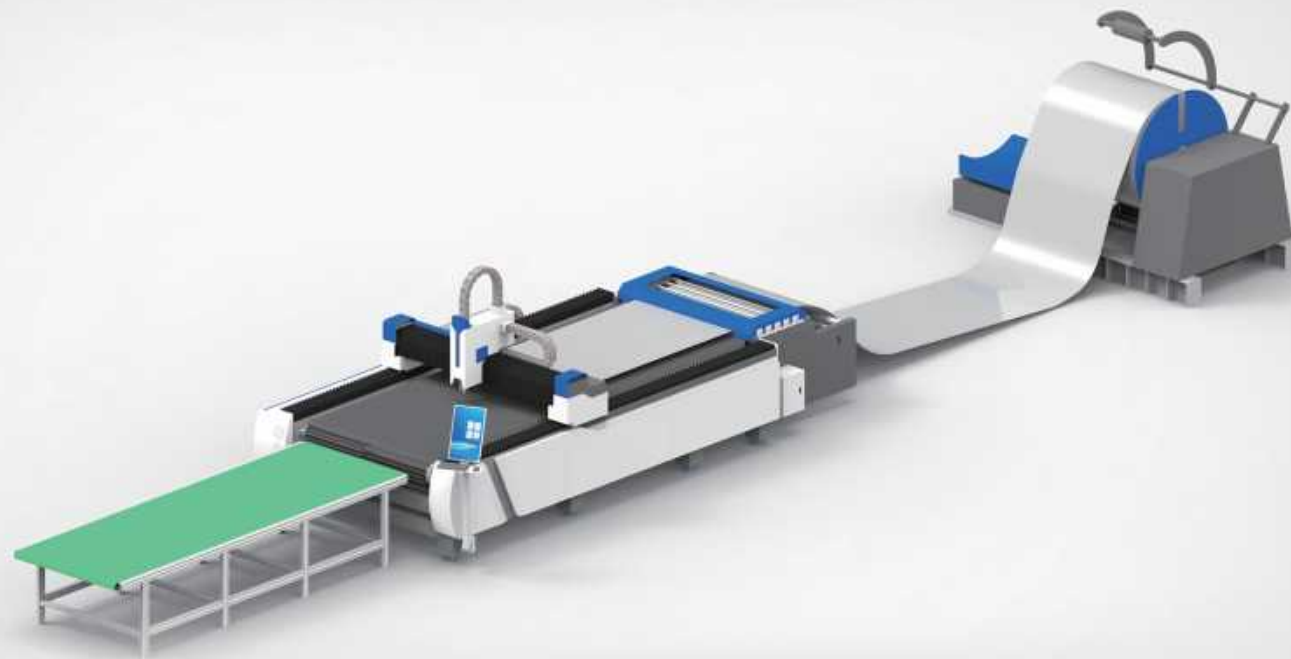
◎ PRODUCT FEATURES

- ▶ The gantry laser cutting machine is a stable and fast cutting machine with a gantry structure. The cutting workbench is separated from the main machine, and the workbench will not be deformed by cutting heat, which does not affect the accuracy of the machine tool.
- ▶ Applied in the field of metal forming and processing such as flat sheet metal; Widely used in sheet metal, advertising, kitchenware, bathroom, engineering machinery, shipbuilding and aerospace, automotive parts and other processing industries.

◎ PROCESSING SAMPLES



ROLL MATERIAL LASER CUTTING MACHINE PRODUCTION LINE



◎ TECHNICAL PARAMETER

model	HX-3015	HX-4015	HX-6015	HX-3020	HX-4020	HX-6020
Processing dimensions	3000*1500mm	4000*1500mm	6000*1500mm	3000*2000mm	4000*2000mm	6000*2000mm
Laser generator power	1500W/2000W/3000W/6000W					
positioning accuracy	±0.05mm					
repeatability	±0.02mm					
Maximum movement speed	120m/min					

The above parameters are experimental data for reference only.
For details, please contact relevant personnel for confirmation!



◎ PRODUCT FEATURES

- ▶ The coil laser cutting machine production line is specialized in the application of Coils racks, decoiler, automatic loading, cutting, automatic unloading, achieving full process automation and continuous cutting production, saving time, materials, and labor.
- ▶ The innovative design of the unique hydraulic unwinding machine allows the weight of the coil material to reach 8T/10T/15T in a single feeding, breaking through the tonnage limitations of traditional feeding equipment in the past.

◎ PROCESSING SAMPLES



LASER PIPE CUTTING MACHINE



TECHNICAL PARAMETER

model	HX-6016	HX-6022	HX-6024	HX-6030	HX-6036	HX-6040
Processing length of pipes	6000mm/12000mm					
Pipe processing diameter	Φ 10- Φ 360mm (customizable according to user requirements)					
Processable pipes	Round tube/square tube/rectangular tube/elliptical tube/l-beam/channel steel/angle steel					
Laser generator power	1500W/2000W/3000W/6000W/12000W					
positioning accuracy	±0.05mm					
repeatability	±0.02mm					
Maximum movement speed	120m/min					

The above parameters are experimental data for reference only. For details, please contact relevant personnel for confirmation!



PRODUCT FEATURES

► Laser pipe cutting machine is professionally applied in the cutting and forming processing field of various pipes and profiles (capable of cutting round pipes, square pipes, rectangular pipes, elliptical pipes, l-beams, channel steels, and angle steels).

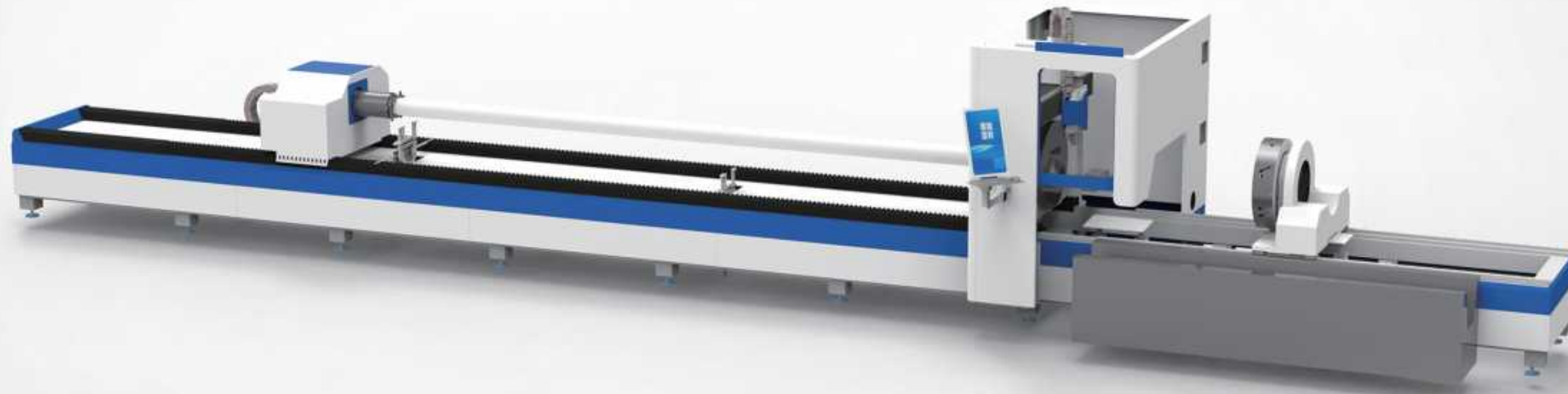
PROCESSING SAMPLES



MULTI-CHUCKS LASER PIPE CUTTING MACHINE

◎ TECHNICAL PARAMETER

model	HX-6016	HX-6022	HX-6024	HX-6030	HX-6036	HX-6040
Processing length of pipes	6000mm/12000mm					
Pipe processing diameter	Φ 10- Φ 360mm (customizable according to user requirements)					
Processable pipes	Round tube/square tube/rectangular tube/elliptical tube/I-beam/channel steel/angle steel					
Laser generator power	1500W/2000W/3000W/6000W/12000W					
positioning accuracy	±0.05mm					
repeatability	±0.02mm					
Maximum movement speed	120m/min					
The above parameters are experimental data for reference only. For details, please contact relevant personnel for confirmation!						



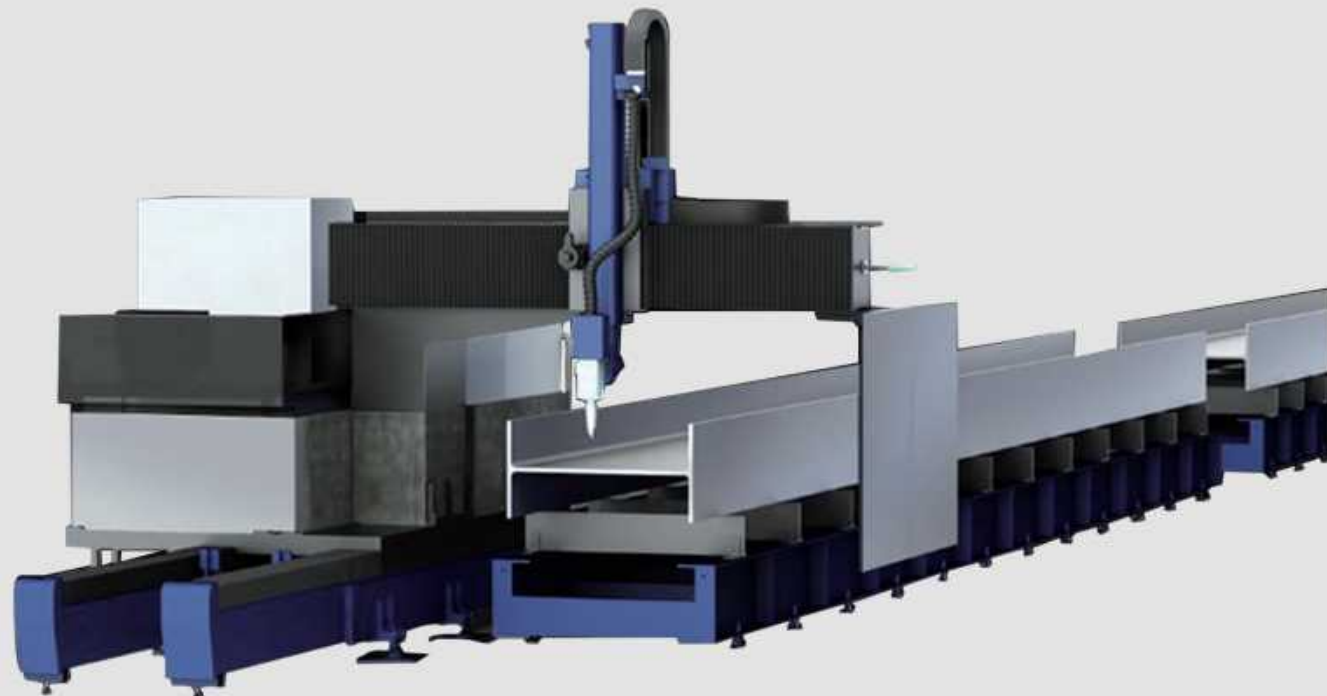
◎ PRODUCT FEATURES

► Laser pipe cutting machine is professionally applied in the cutting and forming processing field of various pipes and profiles (capable of cutting round pipes, square pipes, rectangular pipes, elliptical pipes, I-beams, channel steels, and angle steels).

◎ PROCESSING SAMPLES



H-STEEL LASER CUTTING MACHINE



◎ PRODUCT FEATURES

► The H-steel laser cutting machine is used to achieve laser cutting of H-shaped steel, channel steel and other materials, including H-shaped steel cutting, hole cutting, engraving, marking, beveling, all done in one machine.

◎ TECHNICAL PARAMETER

model	HX-6020	HX-6030
Processing format	6000*2000mm	6000*3000mm
positioning accuracy	±0.1/10000mm	
repeatability	±0.05mm	
Maximum operating speed	100m/min	
Maximum acceleration	1G	
laser power	6000W/12000W	

The above parameters are experimental data for reference only. For details, please contact relevant personnel for confirmation!



◎ PROCESSING SAMPLES



DESKTOP CNC PLASMA CUTTING MACHINE

TECHNICAL PARAMETER

model	HX-1325	HX-1330	HX-1340	HX-1530	HX-1540	HX-1560
Cutting width (mm)	1300	1300	1300	1500	1500	1500
Cutting length (mm)	2500	3000	4000	3000	4000	6000
Cutting thickness	Depending on the power of the plasma power supply					
Air travel speed (mm/min)	20000					
Cutting speed (mm/min)	Adjust according to the thickness of the board					

The above parameters are experimental data for reference only. For details, please contact relevant personnel for confirmation!



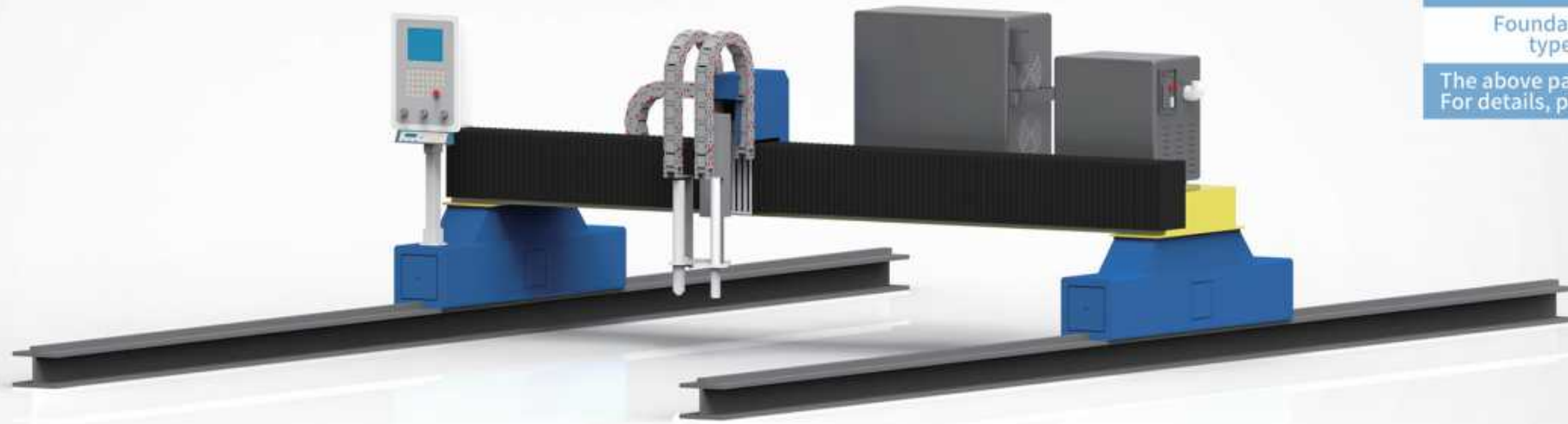
PRODUCT FEATURES

► A good human-machine interface makes the operation more convenient and simple, and can quickly and accurately cut various complex shaped plates, especially suitable for automatic cutting and cutting of medium and thin non-ferrous metal plates, stainless steel and carbon steel plates.

PROCESSING SAMPLES



GANTRY CNC PLASMA/FLAME CUTTING MACHINE



◎ TECHNICAL PARAMETER

model	HX-2060	HX-3080	HX-3012	HX-4080	HX-4012
Cutting range (mm)	2200	3200	4200	5200	6200
Flame cutting torch	Optional according to user needs				
Plasma power supply	Optional according to user needs				
Cutting torch lifting stroke (mm)	200				
Air travel speed (mm/min)	0-10000				
Cutting speed (mm/min)	0-6000				
Flame cutting thickness (mm)	5-300				
Plasma cutting thickness (mm)	Depending on the size of the plasma power supply				
Foundation type	H-shaped steel or cement foundation, standard configuration for H-shaped steel foundation				

The above parameters are experimental data for reference only. For details, please contact relevant personnel for confirmation!

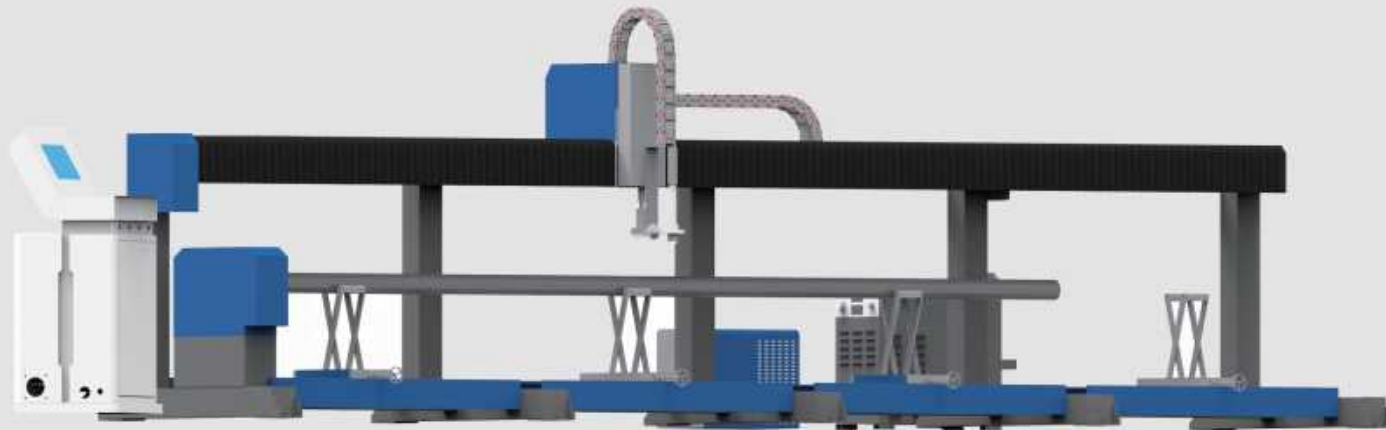
◎ PRODUCT FEATURES

- ▶ Suitable for precision cutting and cutting of various thicknesses of carbon steel, stainless steel, and non-ferrous metal plates, improving plate utilization and saving time and materials.
- ▶ The CNC flame cutting machine can perform high-quality cutting and cutting of carbon steel with a thickness of 5-300mm.

◎ PROCESSING SAMPLE



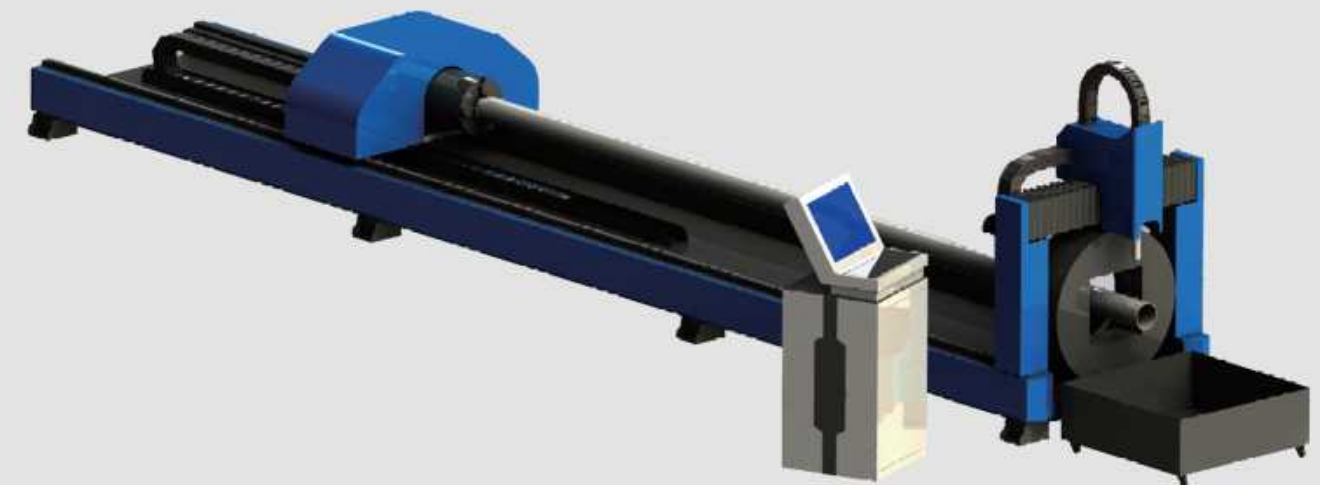
CNC PLASMA PIPE CUTTING MACHINE



◎ TECHNICAL PARAMETER

project	parameter
Processing area	6000mm
Circular tube diameter	50-800mm
Processing materials	Round tube, square tube, angle steel, channel steel
Processing thickness	0.2-20mm
Cutting speed	0-10000mm/min
File transfer method	USB interface

The above parameters are experimental data for reference only.
For details, please contact relevant personnel for confirmation!



◎ PRODUCT FEATURES

- ▶ CNC plasma pipe cutting machine is an efficient, high-precision, and highly reliable cutting equipment that combines precision mechanical transmission and thermal cutting technology.
- ▶ A good human-machine interface makes the operation more convenient and simple, and can quickly and accurately cut round pipes.

◎ PROCESSING SAMPLES

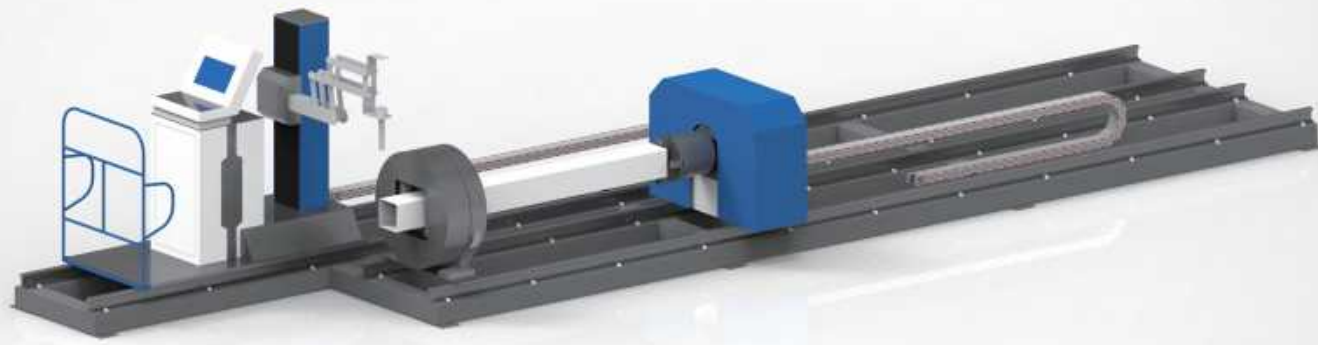


INTERSECTING LINE PLASMA CUTTING MACHINE

TECHNICAL PARAMETER

project	parameter
Processing area	6000mm
Circular tube diameter	50-800mm
Processing materials	Round tube, square tube, angle steel, channel steel
Processing thickness	0.2-20mm
Cutting speed	0-10000mm/min
File transfer method	USB interface

The above parameters are experimental data for reference only.
For details, please contact relevant personnel for confirmation!



PRODUCT FEATURES

- ▶ Intersecting line plasma cutting machine is a kind of equipment that can automatically complete the cutting and processing of intersecting wire ends, intersecting line holes, and pipe elbows (shrimp sections) of metal round pipes, square pipes or special-shaped pipes.
- ▶ The machine is widely used in the cutting and processing of pipeline structural parts in construction, chemical industry, shipbuilding, mechanical engineering, metallurgy, electric power and other industries.

PROCESSING SAMPLES



LASER WELDING MACHINE



◎ PRODUCT FEATURES

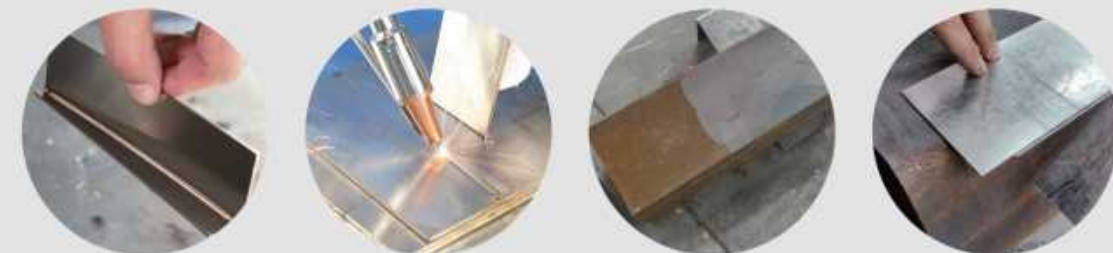
- ▶ Laser welding machine integrates welding, cleaning, and cutting functions, with powerful functions and three uses for one machine. Through fiber optic transmission, metal workpieces are welded 360° in all directions, with uniform and beautiful welds and exceptionally firm welding.
- ▶ There is no special requirement for welding experience, and inexperienced workers can quickly get started, greatly saving labor costs.

◎ TECHNICAL PARAMETER

model	HX-1500	HX-2000	HX-3000
Laser generator power	1500W	4200	6200
Welding thickness	4mm	6mm	8mm
welding material	Carbon steel/stainless steel/aluminum		
The above parameters are experimental data for reference only. For details, please contact relevant personnel for confirmation!			



◎ PROCESSING SAMPLES



ROBOT WELDING MACHINE



PRODUCT FEATURES

- ▶ The mechanical arm welding machine is more convenient for quick head changing, and can be started with just one click to adapt to various welding needs in different work scenarios, with high cost-effectiveness.
- ▶ The mechanical arm welding machine is more convenient for quick head changing, and can be started with just one click to adapt to various welding needs in different work scenarios, with high cost-effectiveness.

TECHNICAL PARAMETER

laser power	1500W/2000W/3000W
Welding thickness	≤6mm
Maximum arm span of the robot	1730mm
Robot load	20kg
Welding Material	Carbon steel/stainless steel/aluminum alloy

The above parameters are experimental data for reference only.
For details, please contact relevant personnel for confirmation!



PROCESSING SAMPLES



CNC BENDING MACHINE



◎ PRODUCT FEATURES

- ▶ The machine operates smoothly, is safe and reliable, and is easy to operate. The upper slider is an integral panel and is equipped with a deflection compensation mechanism, which can ensure high bending accuracy. External mechanical stopper structure, easy to operate, maintain, and fast.
- ▶ Users only need to be equipped with various molds to bend or work with different shapes of sheet metal, and can also perform punching, cutting and processing.

◎ TECHNICAL PARAMETER

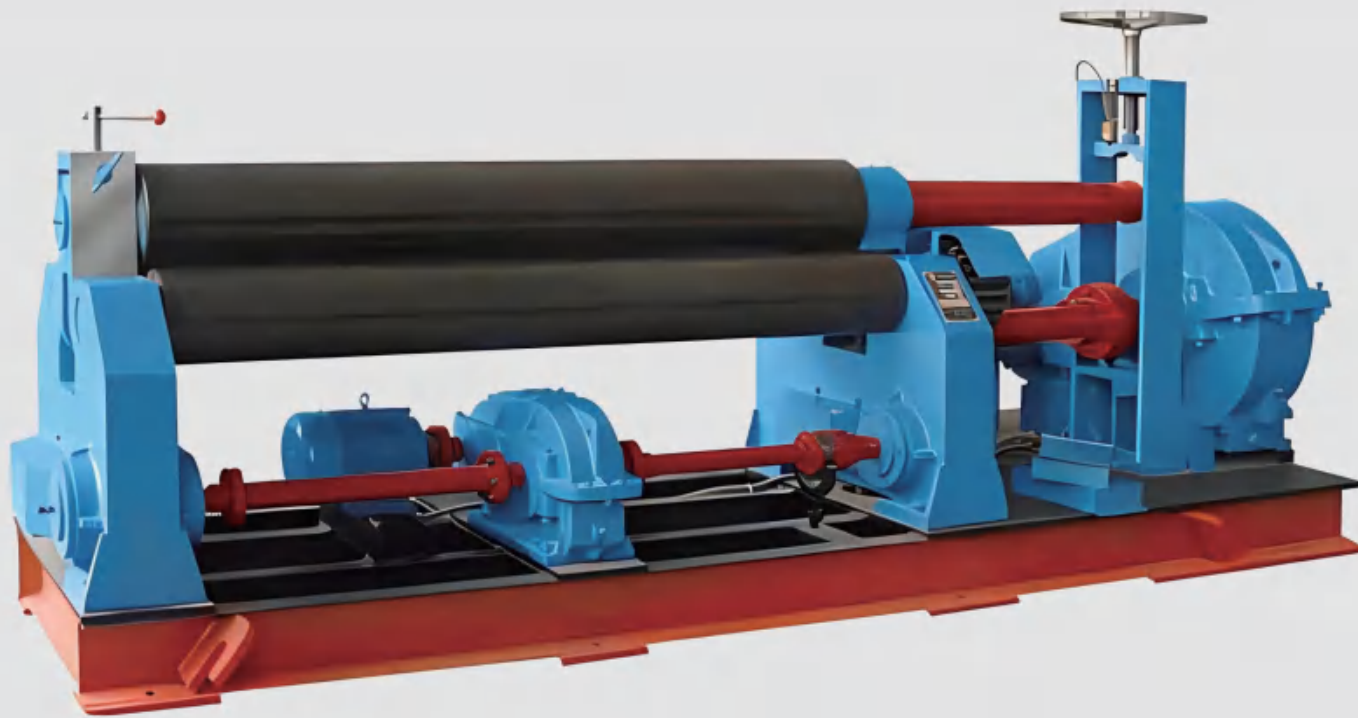
model	Nominal force (KN)	Bending Length (mm)	Main motor power (KW)	Weight (approximately) (Ton)	External dimensions (mm)
HX	(KN)	(mm)	(KW)	(Ton)	(mm)
63t/2500	630	2500	5	5.8	3100*1500*2300
100t/3200	1000	3200	8.7	8.5	3700*1600*2500
100t/4000	1000	4000	8.7	10	4500*1600*2500
125T/3200	1250	3200	10.8	9.5	3700*1600*2500
125T/4000	1250	4000	10.8	12.5	4500*1600*2500
160T/3200	1600	3200	13.2	11	3700*1650*2600
160T/4000	1600	4000	13.2	12.5	4500*1650*2600
200T/3200	2000	3200	13.2	14	3700*1700*2700
200T/4000	2000	4000	13.2	13.5	4500*1700*2700
250t/3200	2500	3200	16.7	15.5	3700*1700*2760
300T/3200	3000	3200	21.4	16.8	3700*1800*2900
400T/4000	4000	4000	26.9	31	4500*2450*3500
500T/6000	5000	5000	37	50	6500*2800*4500
600T/6000	6000	6000	45	60	6500*2900*5100
800T/6000	8000	6000	55	90	6500*2950*5300

The above parameters are experimental data for reference only. For details, please contact relevant personnel for confirmation!

◎ PROCESSING SAMPLES



ROLLING MACHINE



TECHNICAL PARAMETER

model	thickness	width	Upper roller diameter	Lower roller diameter	Main motor power
W11-2×1000	2	1000	120	120	2.2
W11-2×1200	2	1200	120	120	2.2
W11-2×1500	2	1500	130	130	2.2
W11-2×2000	2	2000	130	130	2.2
W11-4×1000	4	1000	140	140	3
W11-4×1200	4	1200	140	140	3
W11-4×2000	4	2000	150	150	3
W11-6×1000	6	1000	140	140	3
W11-6×1500	6	1500	150	150	4
W11-6×2000	6	2000	160	160	4
W8x3000	8	3000	260	200	11
W12x3000	12	3000	280	240	15
W16x3000	16	3000	340	260	18.5
W20x3000	20	3000	360	260	22

The above parameters are experimental data for reference only.
For details, please contact relevant personnel for confirmation!

PRODUCT FEATURES

- ▶ This machine is a mechanical symmetrical plate rolling machine, which works by pressing down the upper roller and rolling against the upper and lower rollers.
- ▶ The output shaft of the main reducer is transmitted to the two lower rollers through a set of gears, and the change in rotation direction of the roller shaft is obtained by reversing the main motor. Composed of one upper roller, two lower rollers, lifting screw, worm gear, and some auxiliary parts.

PROCESSING SAMPLES



LASER MARKING MACHINE



◎ PRODUCT FEATURES

► Laser marking machine application materials: all metals such as gold, silver, copper, iron, aluminum, magnesium, zinc, and their alloys, oxides, etc. can be used, including special surface treatment oxidation, phosphating, aluminum anodizing, electroplating, etc., as well as most non-metallic materials such as ABS, nylon, PVC, PPR, epoxy resin, etc.

◎ TECHNICAL PARAMETER

Product model	HX-20	HX-30	HX-50
laser power	20W	30W	50W
Marking speed	12000mm/s		
Marking range	110mm*110mm (70mm*70mm,150mm*150mm,200mm*200mm)		
frequency range	20----100KHz		
Spot diameter	0.02mm		
Beam quality	$m^2 \leq 1.5$		
Minimum Line Width	0.01m		
Marking depth	≤ 1.5 mm		
Cooling method	forced air cooling		
scanning system	3kg		
Fiber optic controller	10kg		
Working mode	Static marking		
Electricity demand	220V/50Hz/3A		
Power consumption of the entire machine	500W		
Operating temperature	5--45°C		

The above parameters are experimental data for reference only. For details, please contact relevant personnel for confirmation!

◎ PROCESSING SAMPLES



AUTOMATED ROBOT ARM



◎ PRODUCT FEATURES

► Fully automatic robotic arm, suitable for handling sheet metal workpieces, is an indispensable part of the factory's automated production department. It can accurately locate, be efficient and safe, have a long service life, and perform non-destructive handling work. It is equipped with an imported oil-free vacuum pump; Fully automated robotic arms help improve labor efficiency and enable large-scale automated production.

SALES GLOBAL NETWORK



© HUAXIA Machinery pays return visits to all users several times a year, and provides technical support services at any time, and is responsible for providing relevant spare parts to your company for a long time.

After receiving a repair call from the user, professional technicians will be arranged to locate the equipment fault within hours, and come up with a solution, and finally eliminate the fault.

**A company enterprises dedicated to R&D, Production,
and continuous innovation**

AFTER SALES SERVICE COMMITMENT

◎ All products produced by our company will strictly follow the production process, and the company has a detailed archive to ensure that there are no errors in the product research and development, production, acceptance, and sales processes.

◎ Our company will conduct strict testing on product performance, and all items will be tested. Only after all items pass the testing can we ship the products.

◎ In order to ensure the high reliability and progressiveness of our products, the materials and accessories of our products are selected from domestic or international high-quality brands.

◎ Under equal competitive conditions, our company will never lower the technical performance of our products or modify their components. Ensure product quality and stability, and provide customers with the most favorable prices directly.

◎ Our company executes according to user requirements, completing delivery tasks with high quality, high service, and high speed.

◎ Our company's service philosophy is to be fast, decisive, accurate, thoughtful, and thorough.



◎ Our company's service goal is to prioritize service and quality.

◎ Our company's service efficiency: If the product malfunctions during or outside the warranty period, our company will provide technical guidance within 24 hours.

◎ Within the warranty period: For products produced by our company, the free warranty period will be changed to 24 months from the date of shipment. During the warranty period, our company will replace parts caused by quality issues free of charge.

◎ Outside the warranty period: Our company provides lifelong service for our products. If any parts are damaged outside the warranty period, the provided parts will only be charged at cost. Due to human factors causing product damage, the accessories provided by our company are calculated at cost price.

Professional sales and after-sales service

Your satisfaction with us will be 100%

We are your most loyal friends

We believe that the configuration will be accepted by you.