

2024 MACHINE SERIES CATALOG

PROFILE

Since the company began in 2006, Heavth is a professional manufacturer, designer and innovator of CNC cutting and welding machine with huge influence. Our company is located in Jiangsu near to Shanghai.We have more than 16 years of practical experience in motion control, software and hardware development, industrial automation.

We supply all kinds of cutting and welding equipment. Including CNC Laser cutting machine, Laser welding machine, CNC Plasma/Flame cutting machine, CNC Pipe cutting machine and other welding & cutting equipment.

Heavth hope to offer the user the most suitable cutting and welding machine. From the customer interests, according to the actual needs of customers, to provide the most economical and most effective cutting and welding solution. Heavth have advanced production equipment, detection means complete and excellent product quality. Our products covering the United States, Japan, Europe, South Korea and other countries.







High Quality Manufacturing At Scale

Key to quality products lies in state-of-the-art production processes and facilities as well as experienced employees.

10,000+m²
Warehouse and Factory

8+
Production Lines

100+
Employees

500+
Instock Styles

4,000+
Pcs Annually

60+
Countries We Serviced

Mission

Let China's welding and cutting products go to the world.

Vision

To become the reliable supplier of welding and cutting automation equipment in China.

Values

Customer-first, Teamwork, Innovation, Integrity, Passion, Dedication.



Description

Heavth laser H-Series high power laser cutting machine includes 8kW, 12kW, 20kW, 30kW, 40kW power laser cutting machine. Auto Focus Laser Cutting Head, Super heavy welded bed, Big brand fiber Lasers Source,12M Full-page Thick Plate Cutting: Fast, Stable And High Quality. The overweight bed process meets the diverse needs of the global market for large sheet metal cutting High-end, high-precision, high-speed, high-format and cost-effective.

Features

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

Parameter

Model	H4020G	H6025G	H10025G	H12025G
Laser power	8kW, 12kW, 20kW, 30kW, 40kW (Optional)			
Cutting range(mm)	4000*2000	6000*2500	10000*2500	12000*2500
Repeat positioning accuracy	±0.02mm/m			
Maximum speed	200m/min			
Max. acceleration	2.5G			
Input power	AC380V 50Hz/60HZ			
Optional function	Dust removal system			
Gas supply requirements	Oxygen, Nitrogen, Compressed Air, maximum pressure≤ 1MP			



Description

Heavth P-Series high precision laser cutting machine includes 1kW, 1.5kW, 2kW, 3kW, 6kW power laser cutting machine. P-Series fiber laser cutting machine includes a cooling, lubricating and dust collection system guaranteeing durability and longevity. The strict assembly process and the world's top brand parts ensure high cutting precision and powerful cutting ability, so as to maximize the productivity and profitability of sheet metal fabricators.

Features

1. Plate Welding Heavy Work Bed, High impact resistance performance, good integrity, rigidity and toughness.
2. Professional Sheet Cypcut Laser Cutting System, more user-friendly human-machine interaction; Highly integrated and highly intelligent with file reading, design, output and processing control all in one.
3. Cast aluminum crossbeam, the crossbeam has the characteristics of high density, high rigidity and light weight, which can obtain higher dynamic response and improve processing efficiency.
4. All kinds of components are made of famous brands at home and abroad, with high precision, high speed, stable and durable performance.

Parameter

Model	P3015C	P4020C	P6020C	P6025C
Laser power	1kW, 1.5kW, 2kW, 3kW, 6kW (Optional)			
Cutting range(mm)	3000*1500	4000*2000	6000*2000	6000*2500
Repeat positioning accuracy	±0.03mm/m			
Maximum speed	100m/min			
Max. acceleration	1G			
Input power	AC380V 50Hz/60HZ			
Machine structure	Cast aluminum beam, plate welding bed			
Optional function	Exchange workbench/ Dust removal system			
Gas supply requirements	Oxygen, Nitrogen, Compressed Air, maximum pressure≤ 1MP			



Description

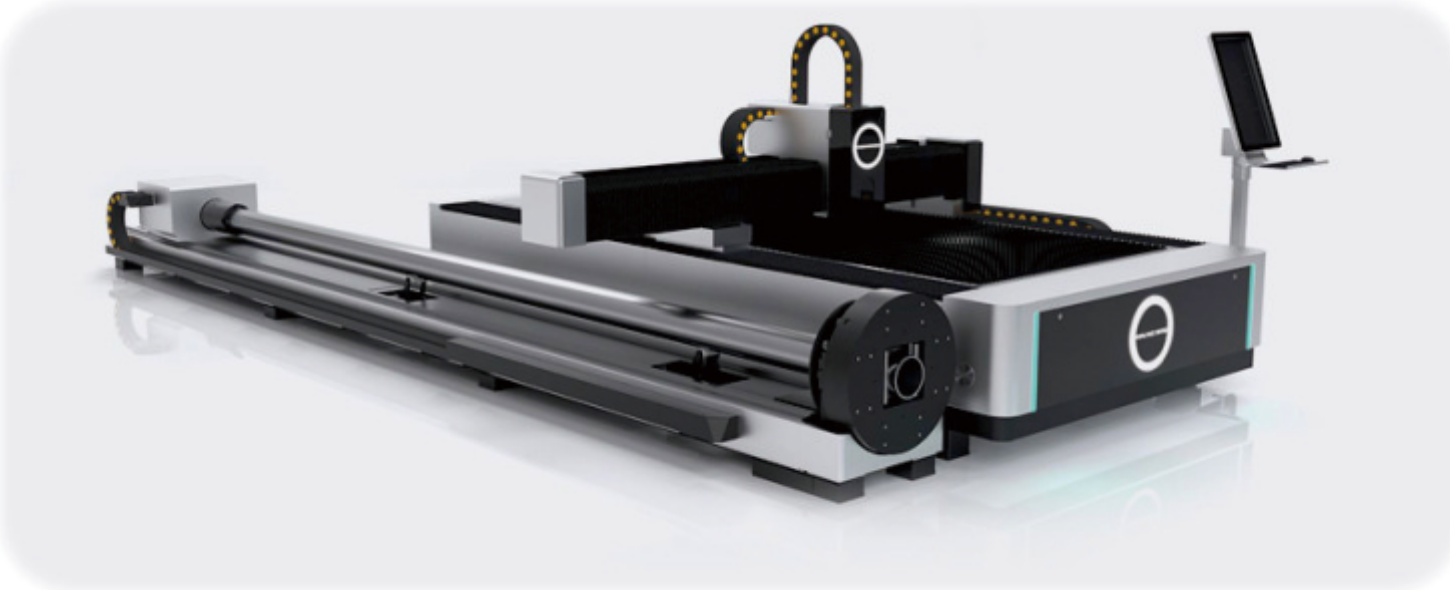
Heavth E-Series high precision laser cutting machine includes 1kW, 1.5kW, 2kW, 3kW, 6kW power laser cutting machine. E-Series fiber laser cutting machine includes a cooling, lubricating and dust collection system guaranteeing durability and longevity. The strict assembly process and the world's top brand parts ensure high cutting precision and powerful cutting ability, so as to maximize the productivity and profitability of sheet metal fabricators.

Features

1. New generation aluminum beam, light weight, pressure and corrosion resistant, with high stability, under the condition of meeting the accuracy, it can realize the high-speed cutting of all kinds of graphics.
2. Precision reform and efficient transmission excellent performance. Improved stable and precision to guarantee performance.
3. The pipe welding table has high stability, which ensures that it will not deform after a long time of operation and improves the processing accuracy. extended service life.
4. It is made of high-quality components, with high cost performance and high accuracy, fast speed, stable and durable performance.

Parameter

Model	E3015D	E4020D	E6020D	E6025D
Laser power	1kW, 1.5kW, 2kW, 3kW, 6kW (Optional)			
Cutting range(mm)	3000*1500	4000*2000	6000*2000	6000*2500
Repeat positioning accuracy	±0.04mm/m			
Maximum speed	80m/min			
Max. acceleration	1G			
Input power	AC380V 50Hz/60HZ			
Machine structure	Aluminum profile beam, square tube welding bed			
Gas supply requirements	Oxygen, Nitrogen, Compressed Air, maximum pressure≤ 1MP			



Description

Heavth laser T-Series laser sheet and tube fiber laser cutting machine is a high-performance cutting machine specially designed for comprehensive metal manufacturing. The machine includes plate cutting function and tube cutting function, which can be flexibly switched between tube plate functions. At the same time, cutting functions such as square, rectangle, U-bar, L-bar can be selected. It is the best choice for customers with multiple cutting demands.

Features

1. The board and tube are dual-purpose to meet the needs of two kinds of processing. Save more than 50% of space and improve production efficiency.
2. The laser electro-optical conversion rate is high, up to 30% or more, which can significantly save power consumption and reduce production costs.
3. Customize as required. The cutting board part can adjust the size of the worktable and the single and double platforms according to customer needs.
4. This machine adopts pneumatic full-stroke chuck, the maximum clamping range can reach 20-220mm round pipe, high-precision chuck with high-precision servo deceleration system, the cutting effect is excellent.

Parameter

Model	T3015C	T4020C	T6020C	T6025C
Laser power	1kW, 1.5kW, 2kW, 3kW, 6kW (Optional)			
Pipe types	Circular, Square, Rectangle, U-bar, L-bar			
Cutting range(mm)	3000*1500	4000*2000	6000*2000	6000*2500
Pipe Diameter (mm)	φ20-160	φ20-220	φ20-220	φ20-320
Repeat positioning accuracy	±0.03mm/m			
Maximum speed	100m/min			
Max. acceleration	1G			
Input power	AC380V 50Hz/60HZ			
Gas supply requirements	Oxygen, Nitrogen, Compressed Air, maximum pressure≤ 1MP			



Description

Handheld fiber laser welding machine is adopts integrated design, compact and beautiful structure, with good beam pattern, stable energy, stable performance, reliable use, fast welding speed, wide range of suitable welding, long service life of consumables and consumable parts, etc., while fully considering the equipment In the various parameters of mass production, the key parameters can be adjusted in detail and the data is displayed in a closed loop.

Features

1. Suitable for welding various metal materials, such as carbon steel, stainless steel, high-strength steel, aluminum, copper and alloy materials;
2. Simple operation, easy to get started, no need for professional welders;
3. The welding speed is fast, and the efficiency is more than 5 times that of arc welding;
4. The welding seam is beautiful and the deformation is small, which saves the cost of subsequent grinding and shaping;

Parameter

Model	MS -1000HLW	MS -1500HLW	MS -2000HLW	MS -3000HLW
Type of laser	Continuous fiber laser			
Rated output power	1000W	1500W	2000W	3000W
Laser central wavelength	1080±3 nm			
Length of welding cable	10M			
Type of welding torch	Welding head with left and right swing vibrators			
Collimation length	50 mm			
Focal distance	F=150mm/F=400mm			
Wire feeding diameter	0.8mm 1.0mm 1.2mm 1.6mm 2.0mm			
Working voltage	AC220V 1-phase			AC380V 3-phase
Power	<5 kw	<7 kw	<9.5kw	<12kw



Description

The air-cooled hand-held laser welding machine is a lightweight and stable hand-held laser welding machine. With 1080nm continuous laser, the beam quality is good and the welding penetration is strong. Suitable for welding of carbon steel, stainless steel, aluminum, galvanized sheet and copper. Its light and compact volume is convenient for carrying, especially suitable for outdoor work and work scenes that need to be moved frequently.

Features

1. Super light: The total weight is just 60kg, It is very easy to carry to work outdoors.
2. High Speed: Up to 4X Faster than traditional methods - increased productivity for lower costs-per-part.
3. High Quality: Consistent welding of thick, thin and reflective metals without distortion, undercut or burn-through - minimal heat affected zone.
4. Easy to Use: Simple set up, easy to learn and operate for consistent high-quality welds.
5. Wobble Welding: Up to 5 mm of additional weld width - increases capability and creates highly aesthetic seams.

Parameter

Model	AC -1000HLW	AC -1500HLW
Type of laser	Continuous fiber laser	
Rated output power	1000W	1500W
Laser central wavelength	1080±3 nm	
Length of welding cable	10M	
Type of welding torch	Welding head with left and right swing vibrators	
Collimation length	50 mm	
Focal distance	F=150mm	
Wire feeding diameter	0.8mm 1.0mm 1.2mm 1.6mm	
Working voltage	AC220V 1-phase	
Power	<3.5 kw	<5 kw



Description

Automatic fiber laser welding can easily realize butt welding, overlap welding and seam welding at various angles and positions. Especially for thin stainless steel plate, iron plate, aluminum plate and other metal materials, laser welding has the characteristics of fast welding speed, good surface effect, large penetration and small heat affected area. With the help of jigs and automatic programming control, it can realize the rapid and consistent welding requirements of similar products in large quantities.

Features

1. Suitable for metal materials: stainless steel, carbon steel, titanium alloy, aluminum alloy.
2. Applicable products: all kinds of sheet metal, mold, chassis, water tank, kitchen and bathroom products, all kinds of hardware lighting; High precision electronic products, high welding strength workpieces such as pressure vessels, condensers and other products.
3. The interaction of professional laser control system is enhanced, the precision of welding path is controllable, and the weld seam is well formed.
4. Fast welding speed, no consumables, no discoloration/less discoloration, no need for later polishing (depending on the specific surface requirements).

Parameter

Model	HL-LD1000W	HL-LD2000W	HL-LD3000W	HL-LD6000W
Type of laser	Continuous fiber laser			
Rated output power	1000W	2000W	3000W	6000W
Laser central wavelength	1080±3 nm			
CNC axis	3 axis + axis of rotation / swing (Maximum 6 axis)			
Type of welding torch	Single or double wobble industrial welding head			
Focal distance	F=150mm/F=400mm			
Laser beam point	Point, line, circular, square, figure 8			
Cooling Method	Water Cooling			
Working voltage	AC220V 1-phase		AC380V 3-phase	
Power	<5 kw	<7 kw	<9.5kw	<12kw



Description

Robot arm laser welding machine use 6-axis robot, Different welding surfaces of various dissimilar workpieces within the arm span can be welded, the robot shape is compact structure, each joint is installed with high-precision reducer, high-speed joint speed can be flexible in a narrow working space, It can be use for MIG/Laser welding, Laser/plasma/flame cutting, Laser cleaning, carry out handling, assembly and other operations, with flexible installation methods.

Features

1. Suitable for various 3D surface welding;
2. Instantaneous energy laser welding, stable, small thermal deformation;
3. Ensure welding quality and high product consistency
4. Reduce labor participation and save labor costs
5. Effectively reduce welding consumables, save energy and protect environment.
6. Semi automatic or fully automatic fixture can be customized
7. After the data control system is equipped, the entire production process is intelligent and controllable, the capacity is visualized, and the production process can be improved at any time.

Parameter

Model	RL-1000C	RL-1500C	RL-2000C	RL-3000C
Type of laser	Continuous fiber laser			
Rated output power	1000W	1500W	2000W	3000W
Laser central wavelength	1080±3 nm			
Length of welding cable	10M			
Type of welding torch	Single or double wobble industrial welding head			
Focal distance	F=150mm/F=400mm			
Laser beam point	Point, line, circular, square, figure 8			
Industrial 6-Axis Robot	ABB, Kawasaki, KUKA, FANUC			
Working voltage	AC220V 1-phase			AC380V 3-phase
Power	<5 kw	<7 kw	<9.5kw	<12kw



Description

Continuous laser cleaning machine is a new non-contact cleaning method, which is suitable for cleaning most material surfaces. It uses 1080nm continuous laser to clean the surface of materials without chemicals, water or other working media. The equipment can be used to remove resins, grease, stains, dirt, rusty materials, coatings, coatings and paints. The device can be equipped with single wobble or dual wobble cleaning head to obtain high-performance cleaning results. Application industries include ship, automobile repair, machinery, CNC, railway and environmental protection.

Features

1. Hand-held cleaning, flexible and convenient, can be cleaned in any shape and at any angle;
2. The equipment is small and easy to move. It is not only convenient for long-distance cleaning of large workpieces, but also outdoor cleaning;
3. Simple operation, easy to get started, no need for professional cleaners;
4. The cleaning speed is fast, and the efficiency is more than 5 times that of polish cleaning;
5. The cleaning surface is beautiful and the deformation is small;

Parameter

Model	MS -1000 CLS	MS -1500 CLS	MS -2000 CLS	MS -3000 CLS
Type of laser	Continuous fiber laser			
Rated output power	1000W	1500W	2000W	3000W
Laser central wavelength	1080±3 nm			
Length of cleaning cable	10M			
Type of cleaning torch	Signal wobble / Dualwobble			
Collimation length	50 mm			
Focal distance	F=400mm			
Laser beam shape	Signal wobble: 50-300mm, Dual wobble:Line, circle, snowflake, ox head, windmill			
Working voltage	AC220V 1-phase			AC380V 3-phase
Power	<5 kW	<7 kW	<9.5kW	<12kW



Description

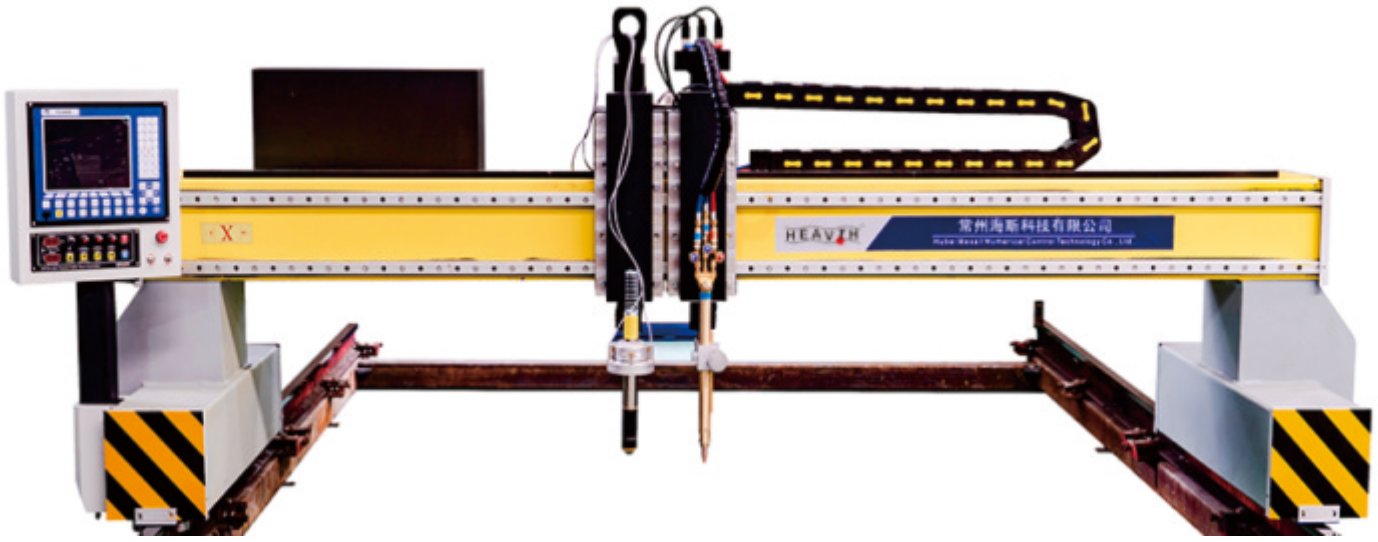
Pulsed laser cleaning machine is a new generation of pulsed laser products, which is suitable for non-destructive cleaning of precision material surfaces. It uses the high-frequency vibration of laser pulse to clean the surface of materials without chemicals, water or other working media. The equipment can be used to remove resins, grease, stains, dirt, rusty materials, coatings, coatings and paints. The device can automatically focus on the specific area of the material target surface, so as to obtain high-performance cleanliness results. Application industries include ship, automobile repair, rubber mold, CNC, railway and environmental protection.

Features

1. A superb replacement to the traditional cleaning method. With a wide range of scan widths, you are capable of cleaning targeted areas with unparalleled cleaning accuracy.
2. Contactless cleaning with no damage to the substrate. Compared to alternative methods that damage the surface of the component, the pulsed laser cleaner works in a non-contact and strictly controlled manner.
3. The handheld laser head allows you to operate easily. Just power up and clean. this cleaner is a leading laser cleaning solution that combines minimum operating costs, ergonomic design and superior performance.
4. Safe operation and long lifetime, The laser cleaning system surpasses the capabilities of standard sandblasting and dry-ice blasting cleaners by a long shot. A long lifetime of up to 100,000 hours.

Parameter

Model	HT-PL100	HT-PL200	HT-PL300	HT-PL500
Type of laser	Pulsed fiber laser			
Rated output power	100W	200W	300W	500W
Power Range	10-100%			
Laser central wavelength	1080±3 nm			
Scan Width	8-120mm			
Type of cleaning torch	Dual wobble			
Collimation length	50 mm			
Focal distance	F=400mm			
Working voltage	AC220V 1-phase			AC380V 3-phase
Power	<5 kW	<7 kW	<9.5kW	<12kW



Description

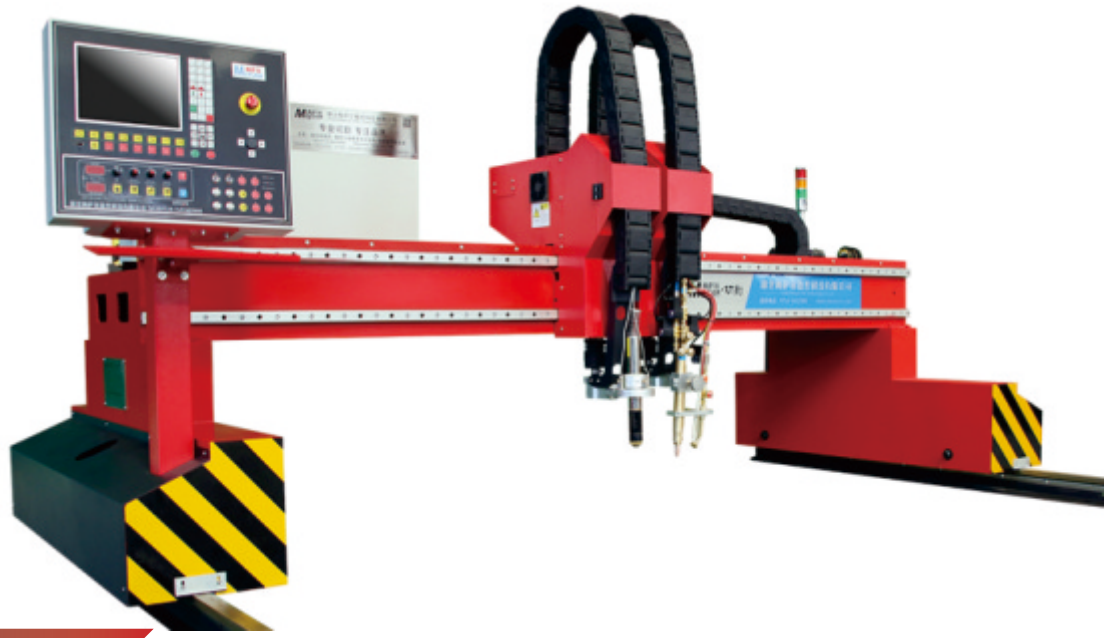
A-series gantry plasma flame cutting machine uses square tube to weld the gantry beam, and can be equipped with servo or step drive. Double side drive, 24kg heavy rail and high-precision rack are used. The machine uses ARM CNC systems, such as Fangling and Starfire, and it has equipped with automatic flame and plasma height control function. With stable performance and high cutting accuracy, it is an ideal model for steel plate blanking in small and medium-sized enterprises.

Features

1. The gantry adopts square tube welding structure, which has good rigidity and high strength. Each guide surface is precision machined. After welding, the overall stress relief annealing is adopted to ensure that the beam will not deform for a long time.
2. Precision torch lifter: the torch lifter is made of aluminum alloy, which is light in weight, greatly reducing the lifting resistance. The accuracy of lifter during operation is ensured.
3. Very low processing cost: plasma is a heavy duty production tool, which greatly reduces the operating cost. It is widely used for cutting carbon steel, stainless steel, aluminum and other raw materials.

Parameter

Model	MS-3A	MS-4A	MS-6A
Rail size	3.2×8M	4×10M	6×12M
Cutting range(X/Y)	2.3×7.5M	3.3×8.5M	5.3×10.5M
Y axis rail	24kg/m rail		
Input voltage	Single phase AC220V		
Input power	About 2000W		
Running speed	0-8000mm/min		
Cutting type	Flame + plasma cutting		
Operating accuracy	0.3mm/m		
Cutting thickness	Flame: 5-200mm, Plasma: optional		
Customizable items	Cutting range		
Plasma source option	LGK80 / LGK120 / LGK200 / LGK300 / LGK400A		



Description

B-series heavy gantry plasma flame cutting machine uses plate tenon and mortise welding gantry, with bilateral servo drive. The end beam uses an externally mounted roller structure, which is stable in movement and easy to adjust. It can achieve high-precision cutting with high-precision reducer and rack. The machine uses industrial CNC system, such as Hypertherm, Beckhoff, Fangling. It is an ideal model for large and medium-sized enterprises to cut steel plates with high accuracy and stability.

Features

1. The whole machine adopts the welded steel plate welded structure. The beam is cut by laser cutting and then welded together. The upper and lower sides of the beam are bent by 90 degrees with the steel plate, which can reduce the deformation and increase the rigidity.
2. The beam hanging plate is welded with 20mm steel plate, and the whole surface is processed by gantry planer to reduce the deformation of the whole surface and improve the precision.
3. After the whole machine is welded, firstly, the aging treatment is performed after stress aging, followed by the surface rust removal treatment. After the primer is applied, the surface is painted.

Parameter

Model	MS-3B	MS-4B	MS-6B	MS-8B
Rail size	3.2×8M	4.2×10M	6.2×12M	8.2×16M
Cutting range(X/Y)	2.3×6.5M	3.3×8.5M	5.3×10.5M	7.3×14.5M
Y axis rail	24kg/m (37kg/m optional)			
Input voltage	Single phase AC220V			
Input power	About 2000W			
Running speed	0-10000mm/min			
Cutting type	Flame + plasma cutting			
Operating accuracy	0.2mm/m			
Cutting thickness	Flame: 5-200mm, Plasma: optional			
Customizable items	Cutting range, 37kg rail, Helical gear and rack drive			
Plasma source option	LGK200 / LGK300 / LGK400 / CUT-XD / FLG			



Description

C-series fine-cut gantry cutting machine adopts high-precision line guider, 43kg heavy-duty rail, matched with high-power servo motor, high-precision reducer and diagonal rack, which can achieve fine round hole cutting with smooth cutting surface and high perpendicularity. It has stainless steel cutting process, and can be equipped with mixed gas cutting, water mist cutting and other functions. which is applicable to the requirements of large and medium-sized enterprises for fine cutting of plates.

Features

1. It is suitable for cutting medium and thick plates, and can cut plates under 50mm at most
2. Superior equipment performance, high perpendicularity of cutting surface, no slag hanging on cutting surface within 2 °
3. With professional stainless steel cutting process, mixed gas cutting, water mist cutting and other processes can be selected according to the model selection
4. The maximum running speed can reach 15 m/min, and the maximum cutting speed can reach 6 m/min
5. Multiple torches can be selected to meet the needs of thick plate cutting in enterprises

Parameter

Model	MS-3C	MS-4C	MS-6C	MS-8C
Rail size	3.2×8M	4.2×10M	6.2×12M	8.2×16M
Cutting range(X/Y)	2.3×6.5M	3.3×8.5M	5.3×10.5M	7.3×14.5M
Input voltage	Single phase AC220V			
Input power	About 3500W			
Running speed	0-15000mm/min			
Cutting type	Flame + plasma cutting			
Running accuracy	0.1mm/m			
Cutting thickness	Flame: 5-200mm, Plasma: optional			
Plasma source option	Hypertherm/ Lincoln/ Kjellbery/ Victor/ Cebora			



Description

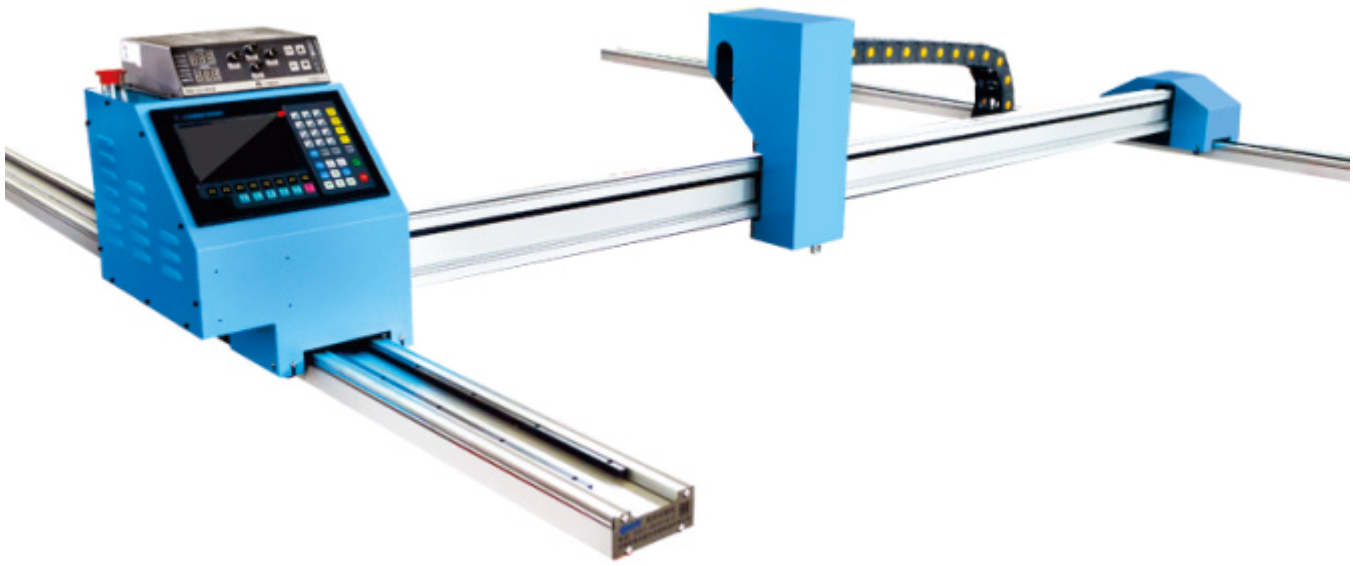
Table style CNC cutting machine is a kind of table plasma cutting machine for medium and thin plate cutting. It has dual-step motor drive (optional servo motor), high-precision line guider and plasma source.It has the advantages of high cutting accuracy, fast running speed, stable performance, etc. It is applicable to advertising industry, metal art, metal furniture, vehicle modification, sheet metal processing and other enterprises, it is an high precision plasma cutting machine. Its excellent cutting parameters, reliable and stable features ensure the perfect cutting effect.

Features

1. Dual side step motor or servo motor structure is used to ensure smooth operation and high cutting accuracy.
2. It can automatically cut arbitrary graphics, and provides dozens of commonly used graphics inside the CNC controller for rapid cutting.
3. The machine has its own dedusting design, which can achieve effective dedusting effect by matching the corresponding fan.
4. The machine can be equipped with flame cutting, drilling, pipe cutting and other functions. The appearance and color of the machine can be customized

Parameter

Model	MS 1530T	MS 2030T	MS 1540T	MS 2060T
Cutting range(X/Y)	1.5×3M	2×3M	1.5×4M	2×6M
Input voltage	Single phase AC220V			
Input power	About 2000W			
Running speed	0-10000mm/min			
Cutting type	Flame + plasma cutting			
Operating accuracy	0.2mm/m			
Cutting thickness	Flame: 5-100mm, Plasma: optional			
Plasma source option	LGK80 / LGK120 / LGK200 MAX105A/ MAX125A			



Description

Mini gantry cutting machine can choose flame and plasma model, it has dual-track drive, strong power, stable walking, good configuration, high work efficiency and can be used for large, medium and small steel plates such as carbon steel, manganese steel, stainless steel and other metal materials The cutting. It's easy to move, it is an economical gantry cutting machine. Our products have obtained 3C certification, international EU certification, etc.

Features

1. Double side driven gantry structure is used to ensure smooth operation and high cutting accuracy.
2. Automatic cutting: delay, preheating, perforation, radius compensation, breakpoint recovery, continuous retreat.
3. Efficient cutting: the output is 6-8 times higher than manual cutting, and 4-6 times higher than semi-automatic trolley cutting.
4. The high positioning accuracy and repeatability of the whole machine can provide high-quality cutting.

Parameter

Model	MG 2030	MG 2060	MG 2430	MG 2460
Rail size	2.5×3.5M	2.5×6.5M	2.9×3.5M	2.9×6.5M
Cutting range(X/Y)	2×3M	2×6M	2.4×3M	2.4×6M
Input voltage	Single phase AC220V			
Input power	About 500W			
Running speed	0-4000mm/min			
Cutting type	Flame + plasma cutting			
Operating accuracy	0.3mm/m			
Cutting thickness	Flame: 5-150mm, Plasma: optional			
Plasma source option	LGK80 / LGK120 / LGK200 / LGK300 / LGK400A			



Description

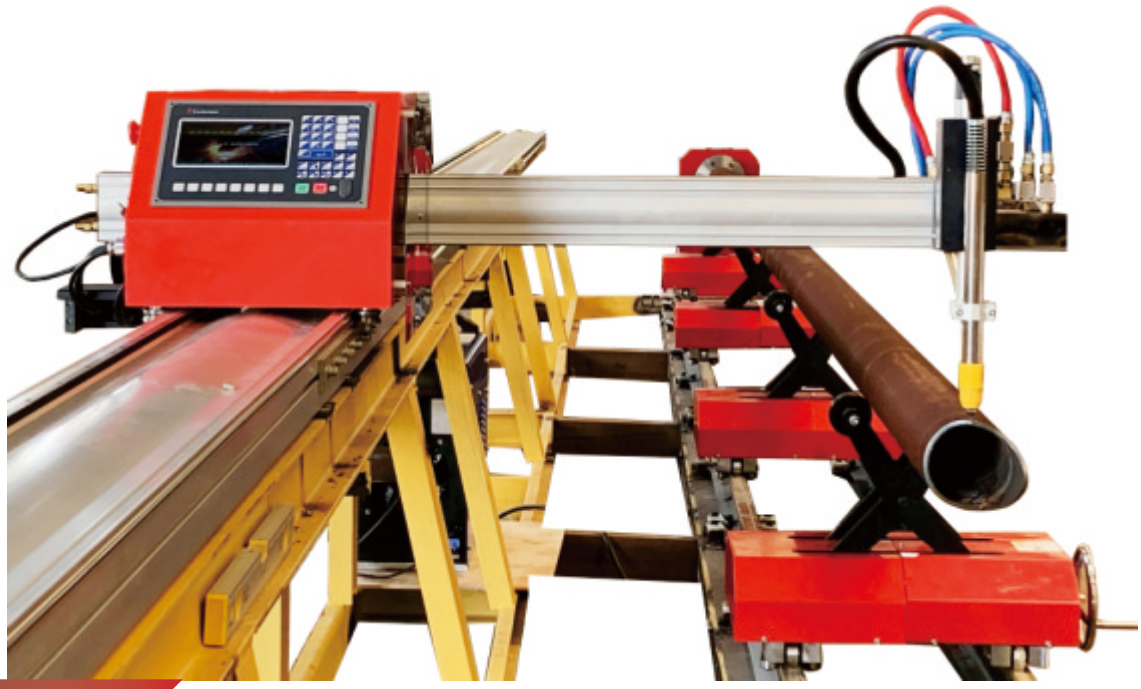
This series of CNC cutting machine is a high-precision portable CNC flame / plasma cutting machine, its affordable, easy to use and easy to learn more accurate. Than the original cutting machine processing format larger, thicker cutting thickness. For wider,High strength, durable for a long time Effectively reduce processing costs. Machine covers an area of small, fully effective equipment to play the effectiveness.a high efficiency and high performance equipment

Features

1. The new special high-strength hard aluminum alloy rails, the whole operation smooth and no noise, with high-speed high-precision and so on.
2. It can be achieved CAD file into a working program file, The system mainframe cuts the metal material arbitrarily.
3. This machine includes plasma and flame cutting function.
4. The operational screen can set to Chinese, English, French, Russian and other languages.
5. The control system has automatic power off memory and automatic recovery function.

Parameter

Model	MS-1530HDX	MS-2030HDX	MS-1560	MS-2060
Rail size	2.1×3.5M	2.6×3.5M	2.1×6.5M	2.6×6.5M
Cutting range(X/Y)	1.6×3M	2×3M	1.6×6M	2×6M
Input voltage	Single phase AC220V			
Input power	About 500W			
Running speed	0-3500mm/min			
Cutting type	Flame + plasma cutting			
Operating accuracy	0.3mm/m			
Cutting thickness	Flame: 5-100mm, Plasma: optional			
Plasma source option	LGK80 / LGK120 / LGK200			



Description

Portable CNC plate/pipe cutting machine can achieve two kinds of pipe and plate cutting method, can greatly save customers cost. The guide rail for the round pipe support is 24kg/m fine grinding rail, it has heavy bearing capacity, long life and other advantages. Chuck axis use high precision gear and servo motor drive, low noise, high precision, long service life. Adjustable screw for pipe support frame is using precision T-screw, when support the workpiece can adjust smoothly.

Features

1. 7 inch color LCD screen, Easy to operation, it can change multi languages.
2. Can achieve pipe and plate cutting function, any plate / round pipe processing.
3. Pipe end cut off function, you can arbitrarily set the chamfering angle.
4. Shrimp lips elbow cut, can set the number of section, elbow angle.
5. Eccentric saddle head cutting; mother tube hole cutting can be used with the riding type, plug-in branch.
6. The guide rail for the round pipe support is 24kg/m fine grinding rail.

Parameter

Model	MS-1030X	MS-1060X	MS-1530XGB	MS-1560XGB
Plate cutting range(X/Y)	No plate cutting function		1.6×3M	1.6×6M
Length of pipe	3M	6M	3M	6M
Pipe diameter	ø30-250mm			
Input voltage	Single phase AC220V			
Input power	About 1000W			
Running speed	0-3500mm/min			
Cutting type	Flame + plasma cutting			
Support rail size	24Kg fine grindingrail			
Plasma source option	LGK80 / LGK120 / LGK200			



Description

MS-60XF series CNC rectangular pipe intersecting line cutting machine adopts cylindrical coordinate system numerical control. The number of control axes is 4 axes. It has Chinese interface, parameter input and man-machine conversation functions, fixed angle groove surface cutting function, variable angle groove surface cutting function, online automatic ignition, preheating, perforation function, automatic control function of cutting speed change, etc. MS-60XF series CNC rectangular pipe intersecting line cutting machine can be oxygen acetylene gas cutting, oxygen liquefied petroleum gas gas cutting or plasma cutting according to user requirements. The maximum and minimum cutting pipe diameter and pipe length can be designed and manufactured according to user requirements.

Features

1. This system realizes 4 axis linkage control and the axis can be expanded.
2. Support position control method and EnterCAT bus servo driver.
3. Operation control card, can achieve motion interpolation, more stable.
4. Real-time display of 3D graphics cutting (subsequent upgrades added).
5. Support position control mode, pulse output mode: direction/pulse or double pulse.

Parameter

Model	MS-60XF-6	MS-60XF-9	MS-60XF-12
Length of pipe	6M	9M	12M
Maximum load	800kg	1200kg	1400kg
Pipe type	Circular, square, rectangle, U bar		
Pipe diameter	Ø40-300mm		
Input power	About 1000W		
Cutting accuracy	±0.2mm		
Cutting type	Flame + plasma cutting		
Support rail size	24Kg fine grinding rail		
Plasma source option	POWERMAX105 / POWERMAX125 / LGK120 / LGK100		



Description

MS-6XG Intersection cutting machine has 6-axis, it can custom 8-axis. This machine can cut different diameter of intersecting line hole, meet the vertical axis and axis condition branch director and no eccentric. The machine can also cut cylinder intersection line at the end of branch pipe, meet the pipe axis and the eccentric and no eccentric director axis intersecting condition.

Features

1. MS-6XG series CNC pipe intersecting line cutting machine is a kind of equipment for automatic calculation and cutting of the joint of steel pipe end.
2. CNC pipe cutting machine adopts cylindrical coordinate coefficient control, and the number of control axes is 6 axes and 5 linkages. It has different language interface, parameter input variable angle groove surface cutting function, pipeline non-roundness and eccentricity compensation function.
3. The CNC control interface of CNC pipe cutting machine is combined with graphics and data. The operation is very simple: the operator only needs to set the parameters such as the radius of the main pipe and the branch pipe, the intersection angle, the cutting speed and so on.

Parameter

Model	MS-6XG-6	MS-6XG-12	MS-8XG-6	MS-8XG-12
Cutting axis	6 axis	6 axis	8 axis	8 axis
Length of pipe	6M	12M	6M	12M
Pipe type	Circular		Circular, square, rectangle, U bar	
Pipe diameter	Ø40-600mm			
Input power	About 1000W			
Bevel accuracy	±1 degree			
Maximum bevel	±60 degree			
Cutting type	Flame + plasma cutting			
Support rail size	24Kg fine grinding rail			
Plasma source option	CUT-XD200 / XPR170 / MAXPRO200			

OUR CERTIFICATE

























THE RELIABLE SUPPLIER OF WELDING AND CUTTING



HEAVTH

www.heavth.com

Tel +86-519-89182619 Fax +86-519-89183619 Email sales@heavth.com

2023 PRODUCTS CATALOG

CUTTING **WELDING**

Changzhou Heavth Science & Technology Co., Ltd.
Address : No.55 Feilong West Road, Changzhou, Jiangsu, China