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#### Anhui Harmle Machinery Technology Co.,LTD

Anhui Harmle Machinery Technology Co.,LTD is a comprehensive manufacturer of sheet metal processing equipment in China. The first factory mainly produces press brake machines, shearing machines, laser cutting machines, punching machines, ironworkers, grooving machines and other stamping machine tools, while the second factory mainly produces ventilation ducting equipment including air duct lines, folding machines, lock forming machines, roller bending machines, flange forming machines, etc. The company has internal R&D department, production and processing department, purchasing department, quality inspection department, after-sales installation department, domestic and foreign sales department. And the company is equipped with ERP software management internally. It systematically assigns responsibilities and manages the process from pre-sales, sales and after-sales aspects such as consultation, quotation, order placement, export, remote or door-to-door commissioning and installation, which can provide professional services to domestic and foreign customers more efficiently.

Anhui Harmle was established in 2021, the factory is located in Bowang District, Anhui Province, which is known as "the first town of China's die-cutting machine tools" with superior location and convenient transportation. The factory covers a total area of 40,000 square meters and has more than 100 employees in engineering, production and sales. The company has passed ISO9001 quality management system certification as well as CE certification for several products. It is also equipped with advanced CNC milling machine, large-scale floor boring and milling machine processing equipment, CNC horizontal machining center, five axis machining centets, American Neway gantry machining center, laser focus analyzer, ultra-high precision digital microscope and other advanced processing and testing equipment. The company implements Harmle quality management system in every step of R&D, processing and quality inspection, and provides professional equipment and solutions for automotive parts, medical devices, kitchenware, sanitary ware, aerospace, agricultural machinery and other fields. The annual production value of Harmle Machinery reaches RMB 55 million, and the company's products are exported to more than 50 countries and regions around the world, such as Europe, America, the Middle East, and South Central Asia. The annual export value reaches thirty-five million.



Mission:Providing professional solutions for the global sheet metal processing industry
Vision:Become a top 100 global supplier of sheet metal processing equipment
Value:Customer First, Quality First, Struggle Oriented

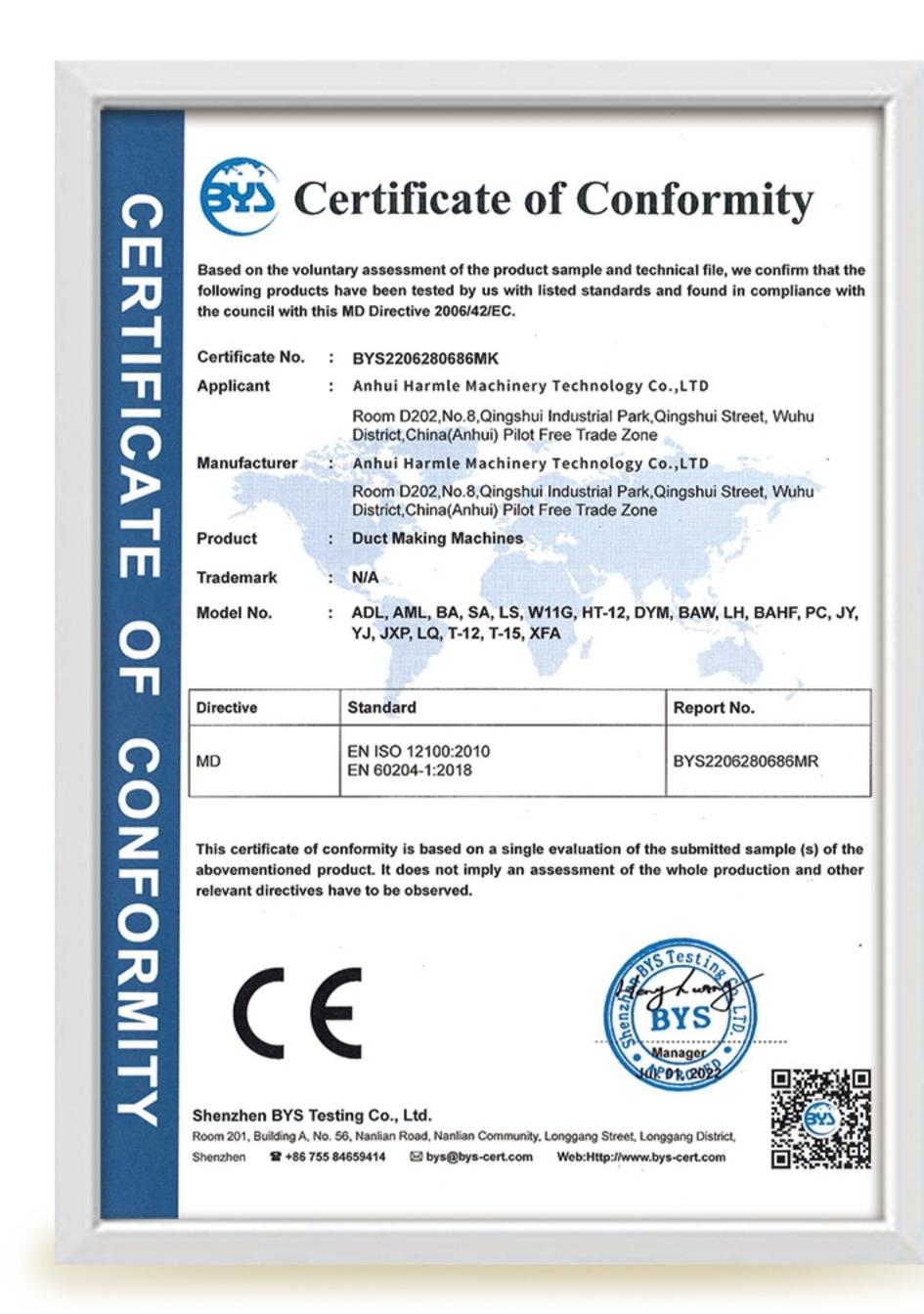


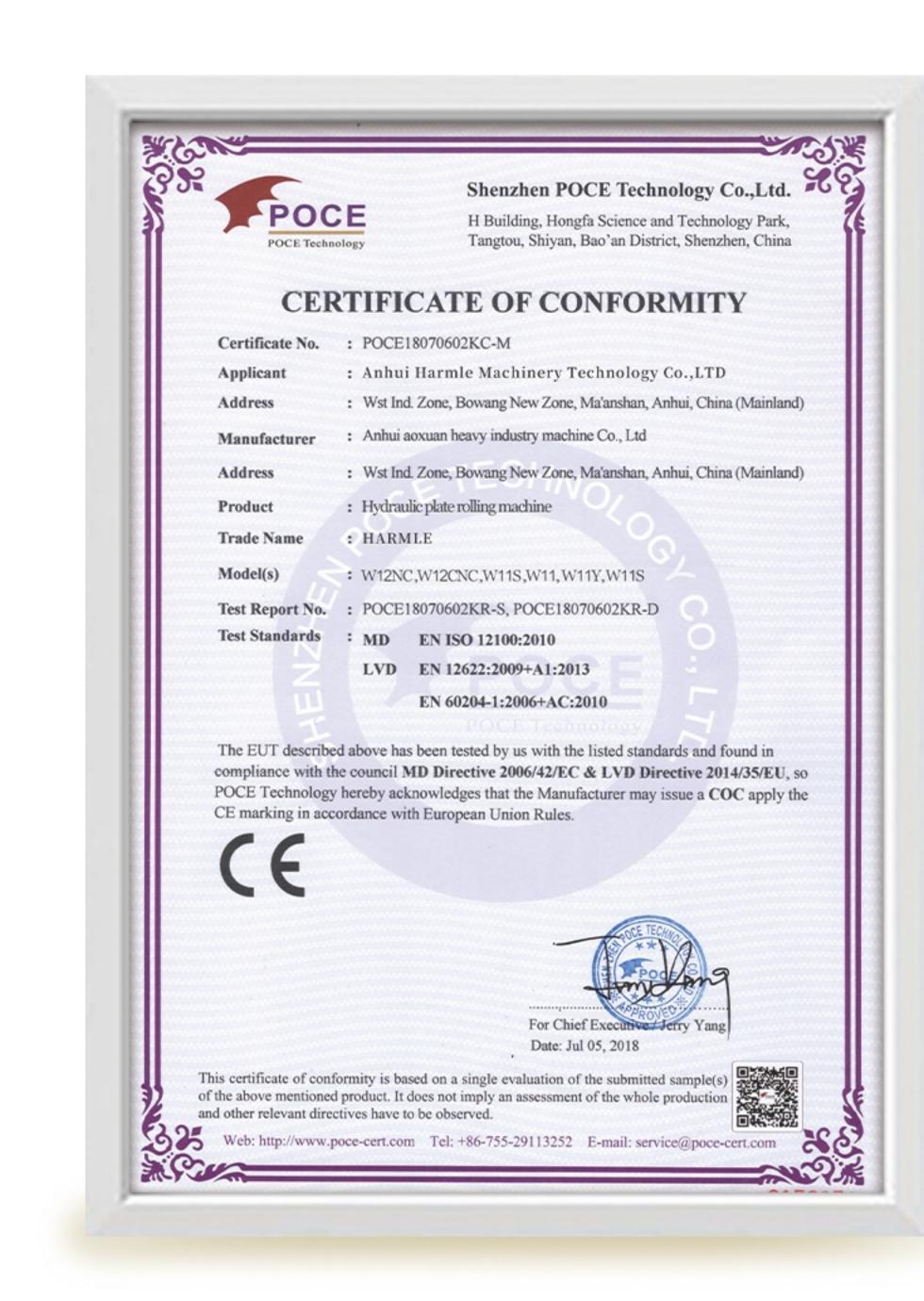
## CE Certificate











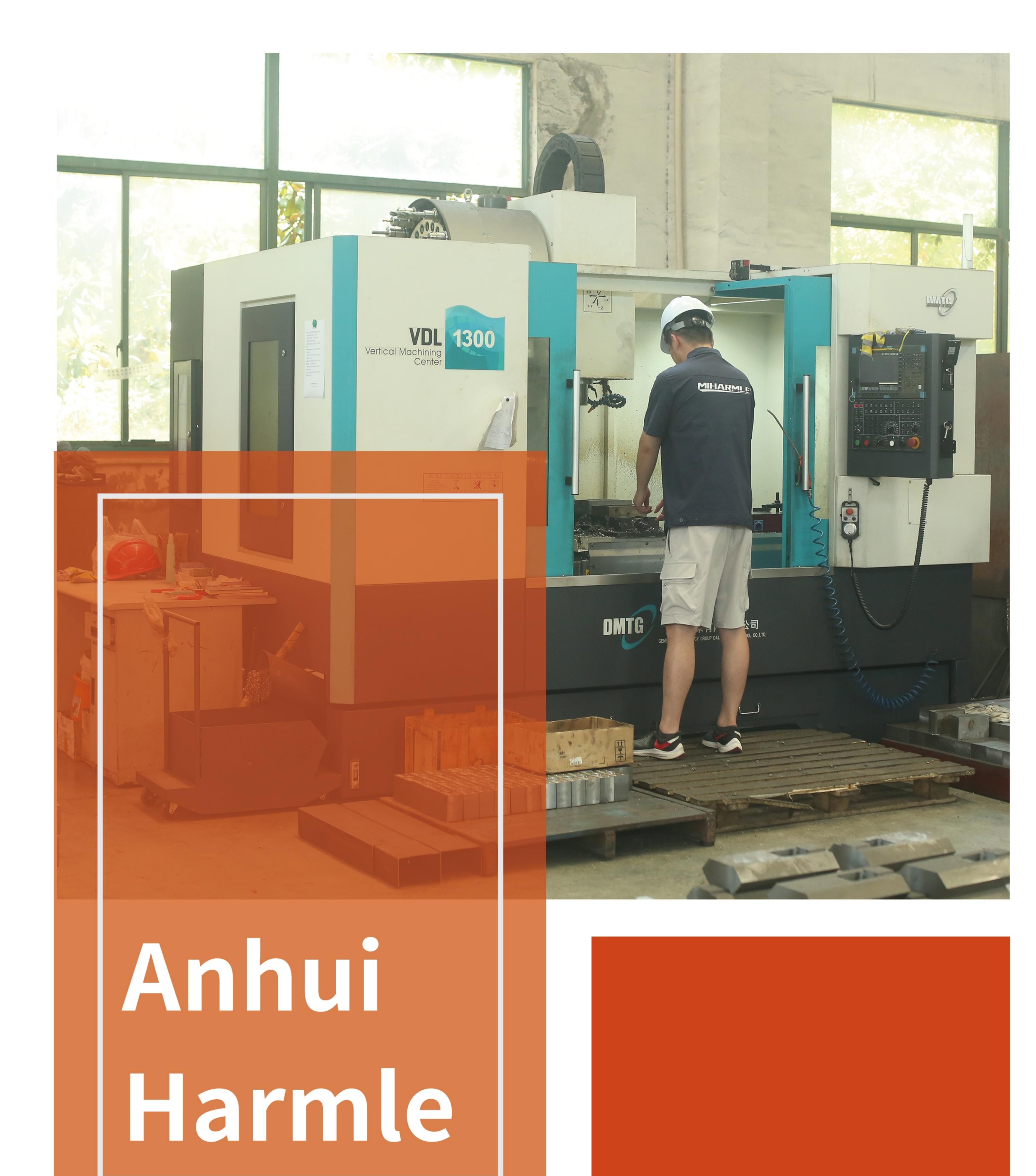






## certificate of honor

Seeing the strength of the enterprise makes it more reassuring



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# FIBER LASER CUTTING MACHINE SERIES

### FIBER-3015 SERIES

Open-Type Double-Drive Fiber Laser Cutting Machine

 Professional mechanical design, novel appearance design, multiple patented technologies, high precision processing, fast speed, small cutting seam, smooth cross-section, easy operation, low energy consumption, suitable for largescale continuous processing, highlighting cutting competitive advantages



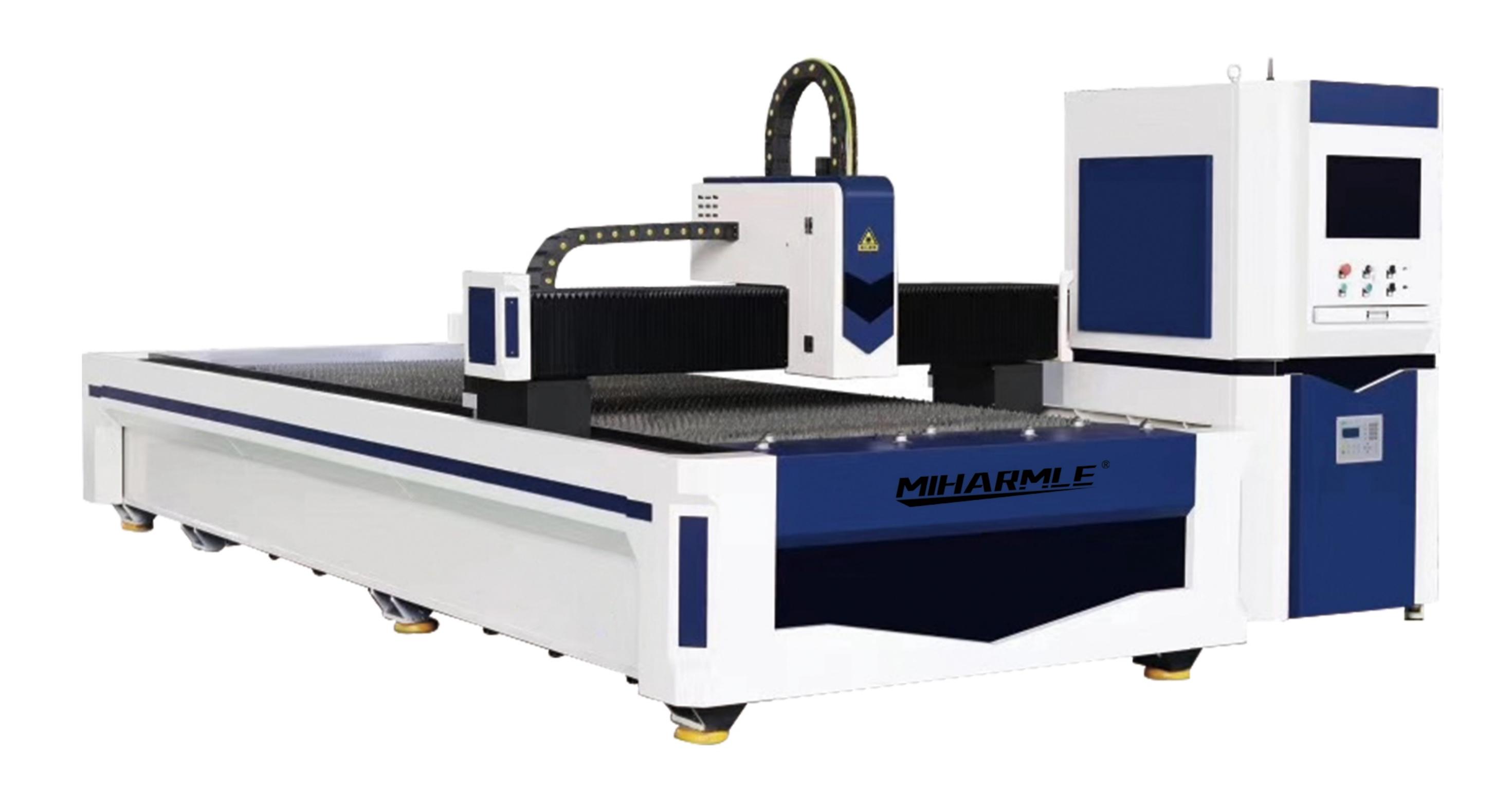




Japan SMC Scale Valve



Japan Panasonic Servo Motor

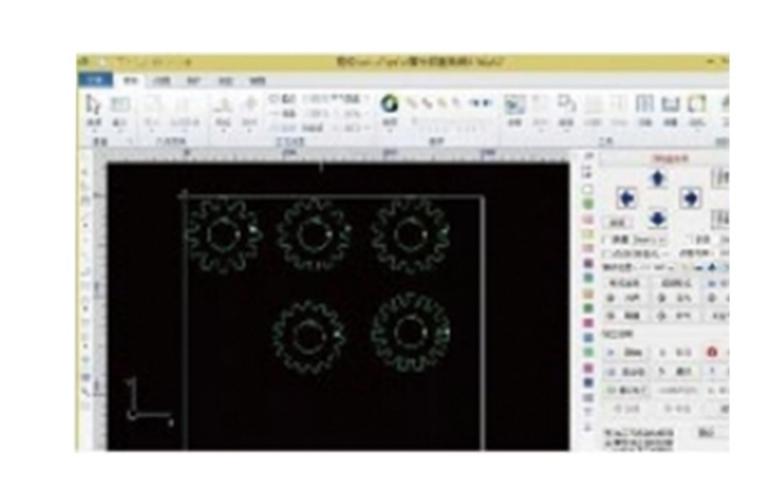


#### BRAND FIBER LASER



Adopting an air-cooled compact structure design, using semiconductor optical fibers as the laser generating medium, it is green and environmentally friendly, with a simple mechanical structure, constant optical path, basically maintenance free, and stable cutting performance

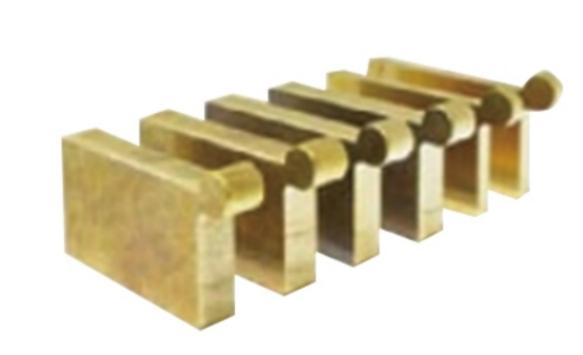
#### LASER CUTTING SYSTEM





Intelligent visual control system, easier to understand operation interface, intuitive adjustment of laser power, gas type and pressure, intelligent edge finding, automatic positioning, and easy realization of efficient production









#### TECHNICAL PARAMETER

Model	HM-3015	HM-4015	HM-4020	HM-6015	HM-6020	HM-6025	HM-8025
machine range(mm)	3000*1500	4000*1500	4000*2000	6000*1500	6000*2000	6000*2500	8000*2500
X-axis stroke(mm)	1500	1500	2000	1500	2000	2500	2500
Y-axis stroke(mm)	3000	4000	4000	6000	6000	6000	8000
Z-axis stroke(mm)	140	140	140	140	140	140	140
laser power	1000/1500/2000/3000/4000/6000/8000/10000/12000/15000/20000W/other						
X/Y axis positioning accuracy	$\lesssim \pm 0.01 (mm/min)$						
X/Y axis repeated positioning	$\lesssim \pm 0.02 (mm/min)$						
accuracy Max positioning speed	120(m/min)						

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# FIBER LASER CUTTING MACHINE SERIES

### FIBER-4020 SERIES

Exchange Worktable Fiber Laser Cutting Machine

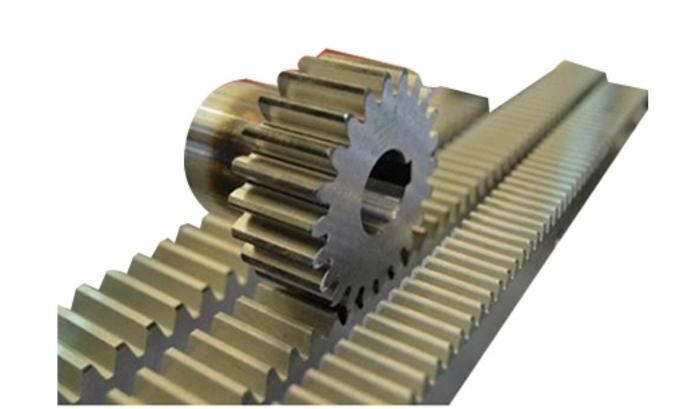
 A new closed design with dual workbenches for quick exchange, allowing for cutting while processing. It features fast speed, small cutting seams, smooth cross-section, easy operation, low energy consumption, and is suitable for large-scale continuous processing, highlighting the competitive advantage of cutting







Japan Fuji Servo Motor

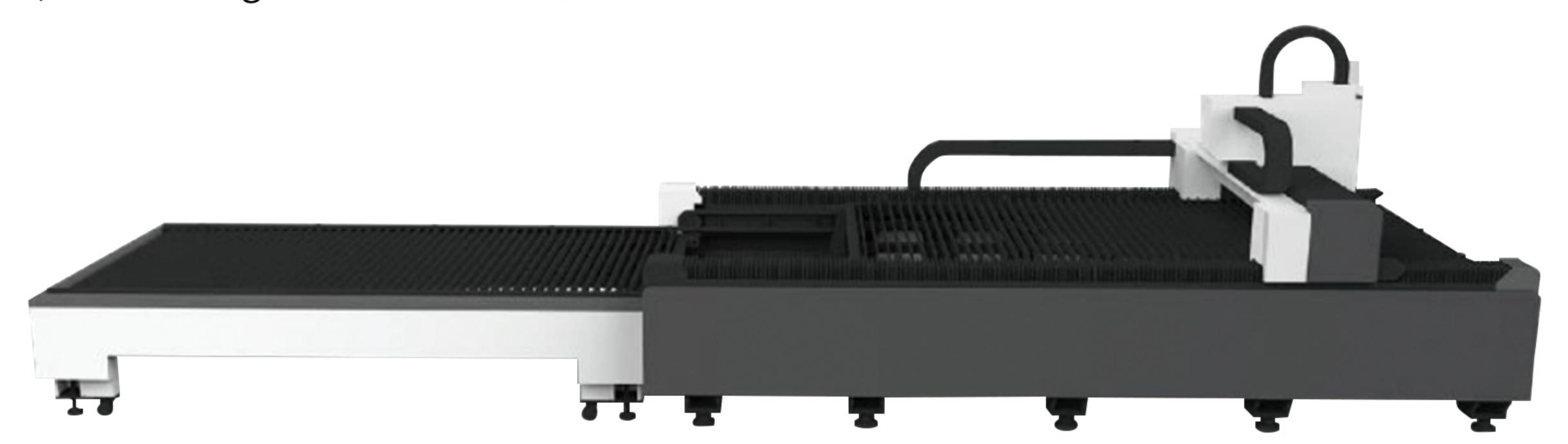


Taiwan YYC Gear Rack



#### BRAND FIBER LASER

The two independent movement is not related, the accuracy does not affect each other, the slag cleaning is more convenient, with the double sales positioning, in one step, the exact, the table is driven by double motors, the exchange is smooth and fast



#### LASER CUTTING SYSTEM

The extraction system is partitioned around, the suction is concentrated, the double-sided large-caliber extraction pipe is smooth, the positive wind pressure, the upper pressure and the lower suction, the strong extraction system is environmentally friendly and pollution-free



#### TECHNICAL PARAMETER

Model	HM-3015	HM-4015	HM-4020	HM-6015	HM-6020	HM-6025	HM-8025
machine range(mm)	3000*1500	4000*1500	4000*2000	6000*1500	6000*2000	6000*2500	8000*2500
X-axis stroke(mm)	1500	1500	2000	1500	2000	2500	2500
Y-axis stroke(mm)	3000	4000	4000	6000	6000	6000	8000
Z-axis stroke(mm)	140	140	140	140	140	140	140
laser power	1000/1500/2000/3000/4000/6000/8000/10000/12000/15000/20000W/other						
X/Y axis positioning accuracy	$\lesssim \pm 0.01 (mm/min)$						
X/Y axis repeated positioning accuracy	$\lesssim \pm 0.02 (mm/min)$						
Max positioning speed	120(m/min)						

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# FIBER LASER CUTTING MACHINE SERIES

### FIBER-6020 SERIES

Board One Fiber Laser Cuting Machine

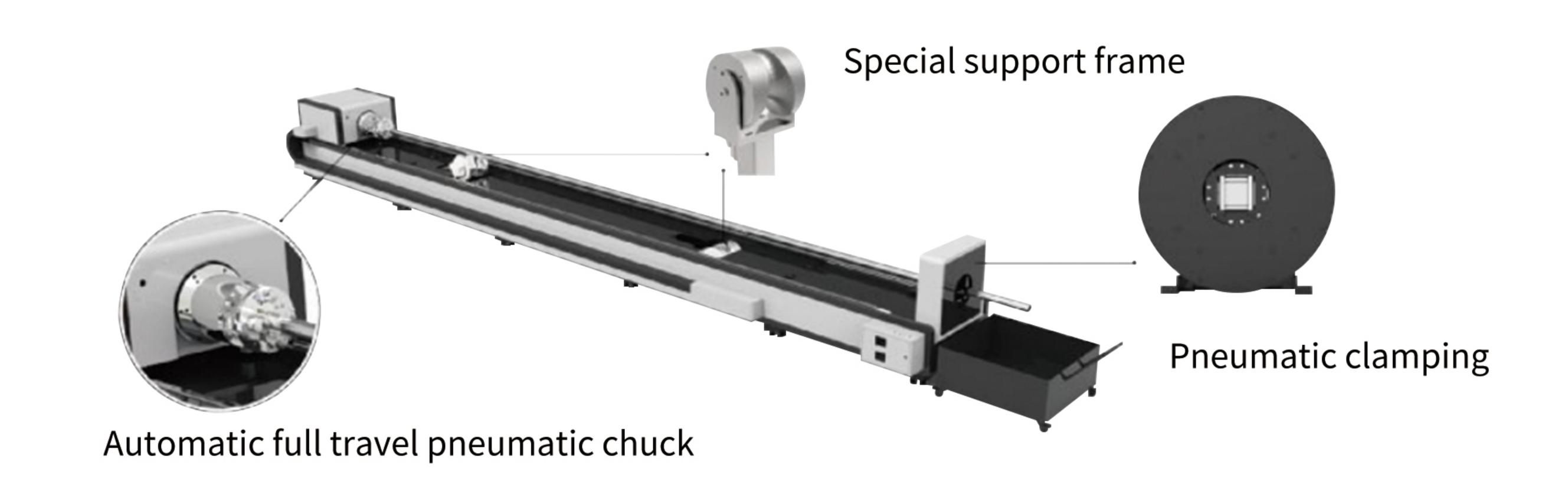
It can not only cut flat plates, but also meet the needs of users for cutting round tubes, square tubes and opening holes of molding boxes

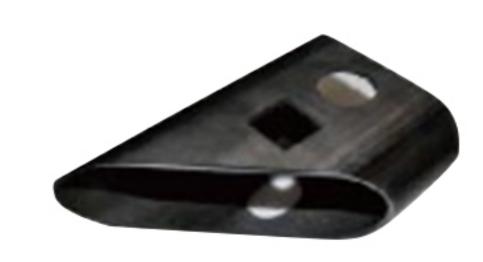
- It can cut multiple circular pipe intersecting line holes in different directions and diameters on the main pipe
- It can cut the diagonal end face at the end of the pipe
- The end of the branch pipe intersecting with the ring main can be cut
- It can cut square holes, waist holes and round holes on the round pipe
- Can be cut steel pipe
- It can cut various shapes on the surface of the square pipe
- Can cut different specifications of steel plate
- It can open holes and cut on the molding box



#### PNEUMATIC CHUCK

Pneumatic clamping, clamping force is large and constant, to ensure that the pipe is not loose and does not slip, to ensure cutting accuracy, concave wheel support frame, to prevent pipe sag deformation, improve cutting accuracy and extend the service life of the chuck











#### TECHNICAL PARAMETER

Model	HM-3015	HM-4020	HM-6020	HM-6025
Cutting range(mm)	3000*1500	4000*2000	6000*2000	6000*2500
Cut length(mm)	6000	6000	6000	6000
Chuck diameter(mm)	220/320	220/320	220/320	220/320
Laser power(W)	1000-20000	1000-20000	1000-20000	1000-20000
Max positioning acceleration(m/s2)	10	10	10	10
Positioning accuracy(mm/m)	±0.02	±0.02	±0.02	±0.02
Repeated positioning accuracy(mm)	±0.03	±0.03	±0.03	±0.03

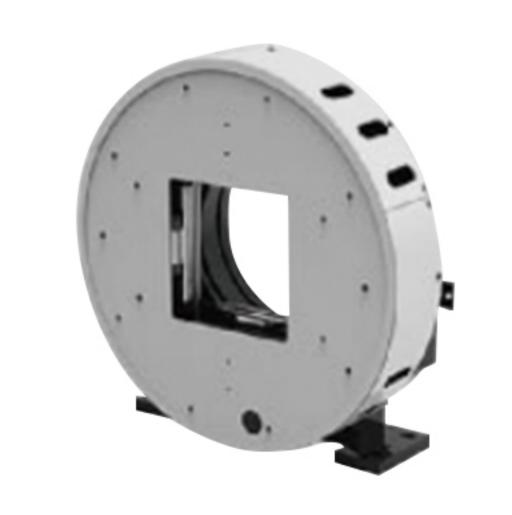
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# FIBER LASER CUTTING MACHINE SERIES

### FIBER-6022 SERIES

Tube Fiber Laser Cutting Machine

- The special tube laser cutting machine consists of 7 axes
- Can achieve round pipe, square pipe, rectangular pipe, oval pipe and other pipe cutting
- To realize the one-time formation and processing of 6-meter pipe, the pipe cutting machine with different pipe lengths and diameters such as 9 meters and 12 meters can be selected
- The equipment is matched with the feeding shaft and the pulling shaft, which can greatly reduce the waste of processing tailings
- It can cut multiple tubes of different directions and diameters on the main pipe
- Can cut variable Angle groove surface
- The industry has become a pipe cutting machine, with material experts



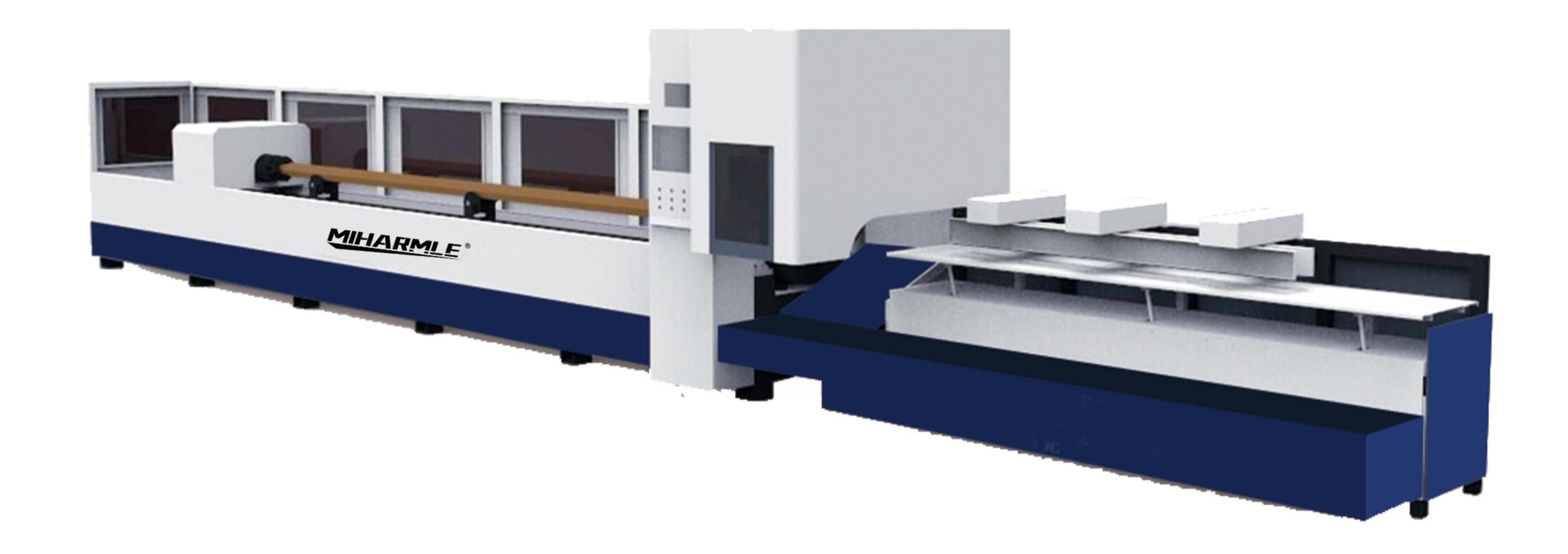




Front pneumatic chuck

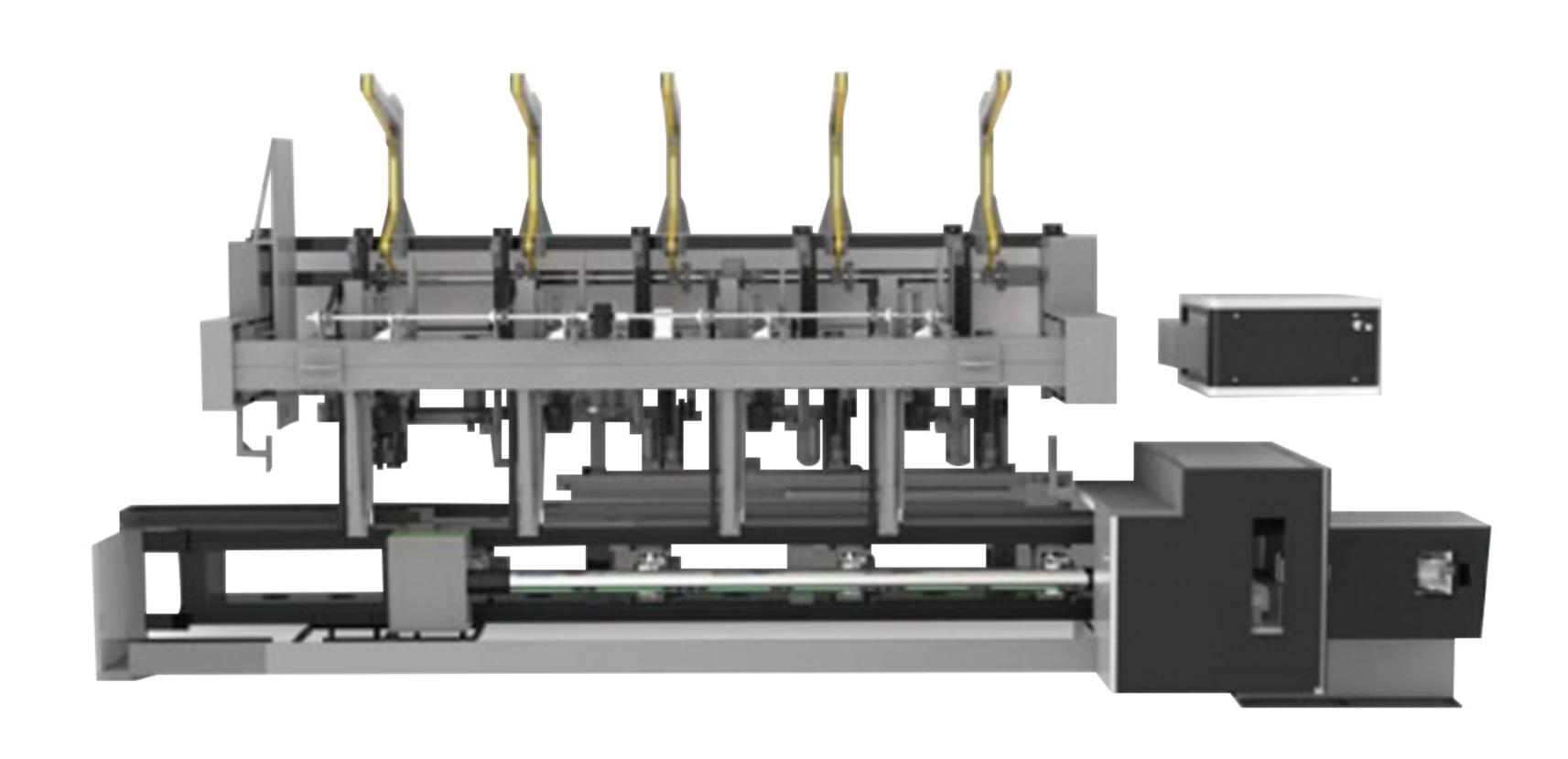
Rear pneumatic chuck

Automatic support frame

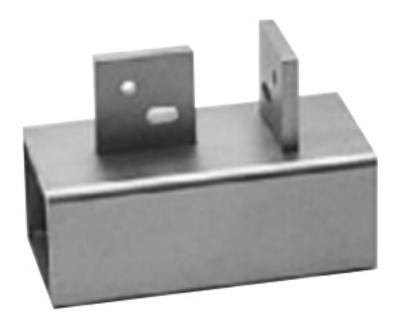


#### **AUTOMATIC FEEDING SYSTEM**

With semi-automatic or automatic loading and unloading system, reduce the dependence on manual, reduce the labor intensity of the operator, so that the pipe cutting is so easy











#### TECHNICAL PARAMETER

Model	HM-6022	HM-6032
Cut length(mm)	6000	6000
Chuck diameter(mm)	220	320
Laser power(W)	<6000	<6000
Max positioning acceleration(m/s2)	10	10
Positioning accuracy(mm/m)	±0.02	±0.02
Repeated positioning accuracy(mm)	±0.03	±0.03
Rotational axis velocity (rmp)	80	80

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## FIBER LASER CUTTING MACHINESERIES

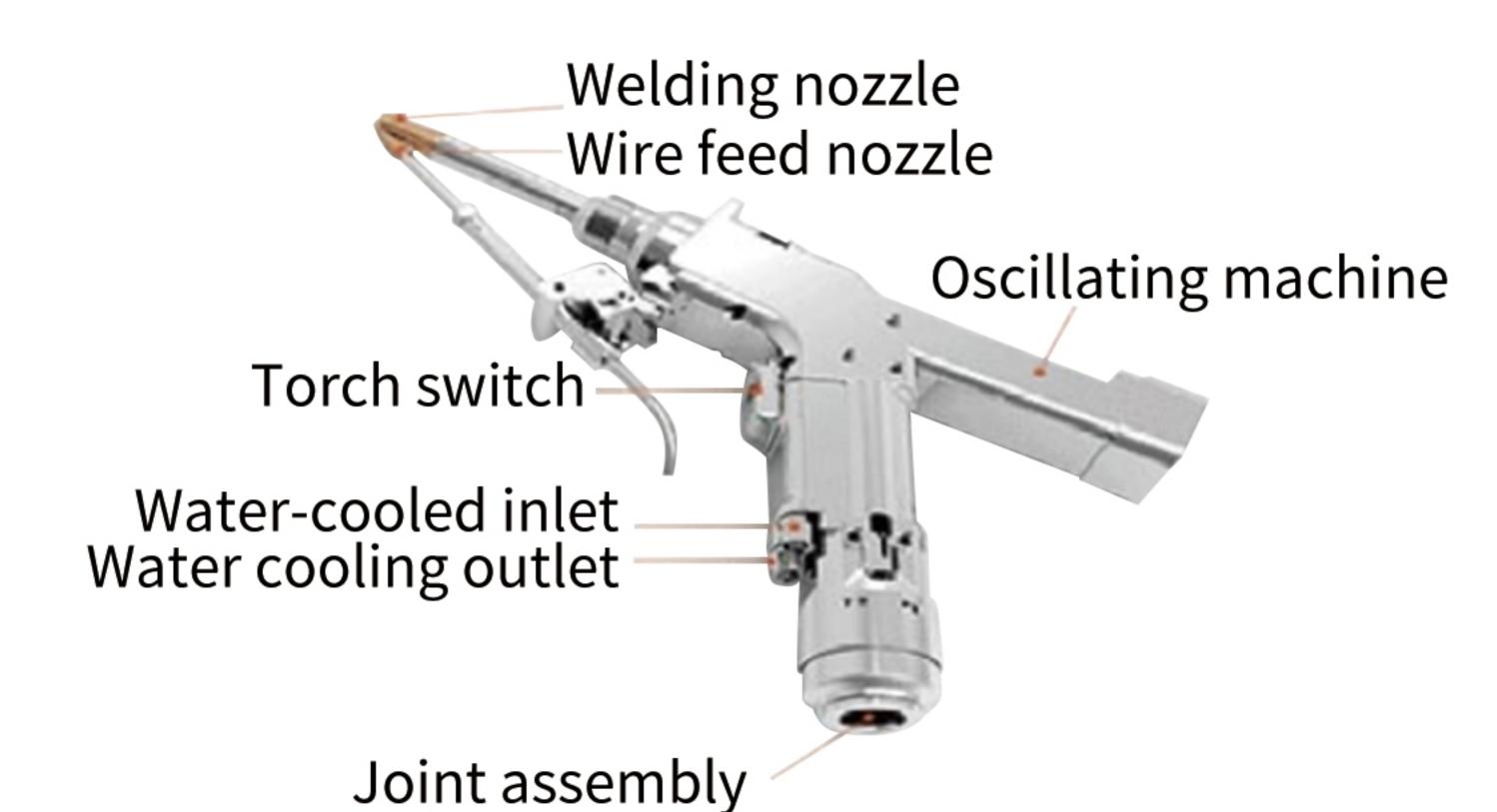
### FIBERSERIES

Handheld Laser Welding Machine

Handheld laser welding machine, flexible and convenient, welding distance is not restricted, equipped with professional welding software, mainly for long distance, large parts of laser welding, heat affected area is small, no deformation, no black, large welding depth, solid welding, to meet the welding needs of various types of metal plate.



- Adjustable weld width, automatic wire feeding welding
- 5-10 times faster than traditional welding processes
- Outdoor welding, castor belt movement
- Beautiful welds, no deformation, no grinding
- No need for professional welders to shout out beautiful work pieces



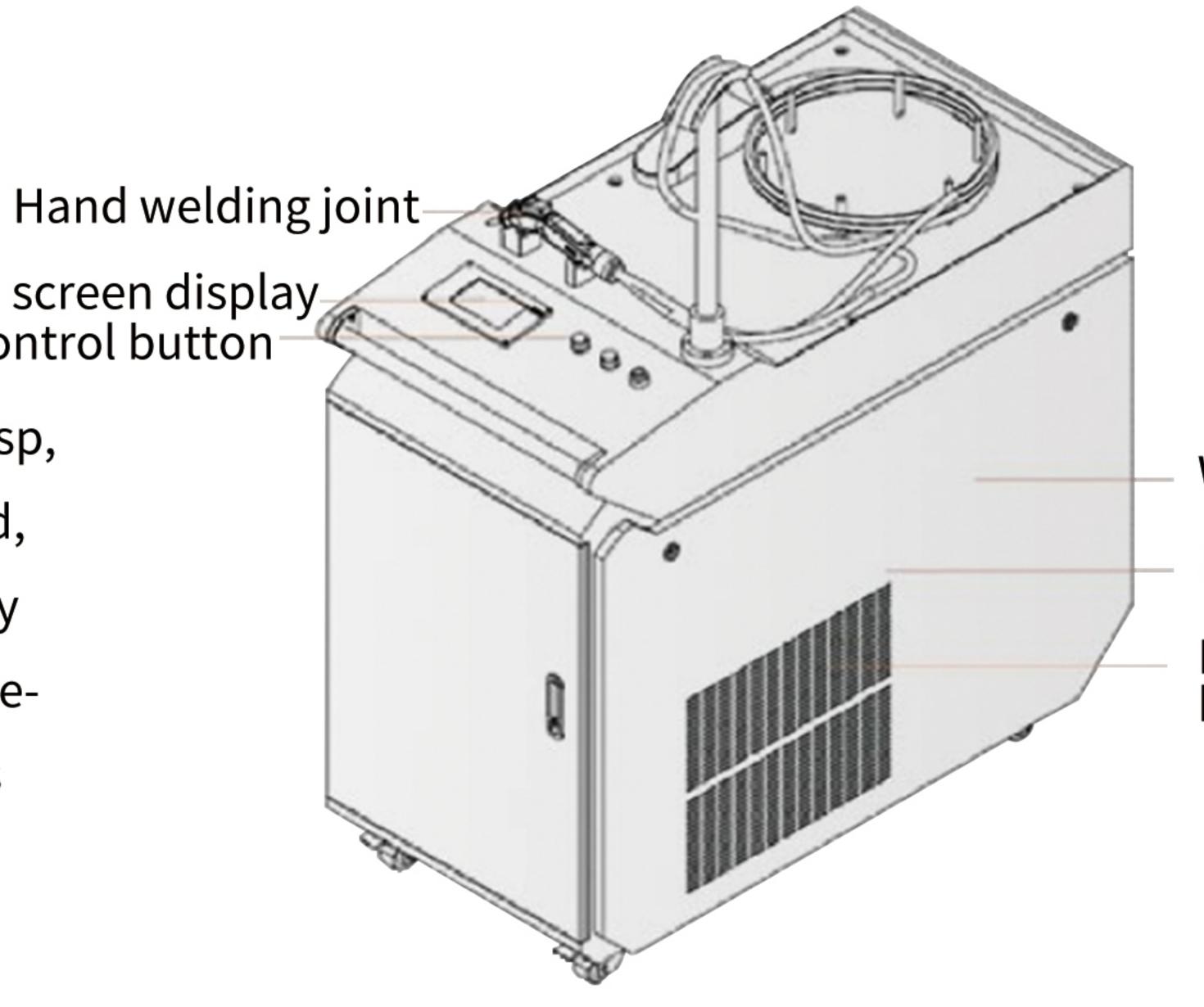
## SMALL, BEAUTIFUL Oscillating machine SMALL, BEAUTIFUL EASY TO MOVE

With an integrated body, it is easy to move around and weld large workpieces



Touch screen display Control button

Light shape, comfortable grip, easy to grasp, easy to operate. Beautiful weld, fast speed, can be matched with wire nozzle assembly and a variety of Angle copper nozzle, to meet the welding needs of different products



Water cooler laser

Heat dissipation

#### TECHNICAL PARAMETER

Power		1000W	1500W	2000W
C+-:	thickest	5mm	9mm	10mm
Stainless steel docking	Max penetration	3mm	4.5mm	5mm
Ctoipless stool sames isint	thickest	5mm	9mm	10mm
Stainless steel corner joint	Max penetration	2mm	3.5mm	4mm
Carbon steel butt joint	thickest	5mm	9mm	10mm
	Max penetration	3mm	4mm	4.5mm
Carbon steel corner joint	thickest	5mm	9mm	10mm
	Max penetration	2.5mm	3mm	3.5mm
Aluminium alloy butt joint	thickest	3mm	3mm	4mm
	Max penetration	1.2mm	1.5mm	2mm
Aluminium alloy corner joint	thickest	3mm	3mm	4mm
	Max penetration	1mm	1.8mm	2.3mm