

QUALITY&SERVICE



MAGICK

laser cutting machine laser welding machine laser cleaning machine laser marking machine

SHANDONG MAGICK INTELLIGENT TECHNOLOGY CO., LTD

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VALUES

Changing / Enterprising
Responsible / Pragmatic

VISION

Innovating with laser technology,
empowering industries,
fulfilling customer dreams.

MISSION

Cultivating products with depth, continuous innovation,
pursuing excellence in quality;
Customer-centric approach, growing together with
customers, achieving mutual success;
Offering efficient solutions that leverage laser technology,
going beyond mere product offerings;
Providing products of exceptional quality, earning
customer trust through reputation and reliability.

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ABOUT MAGICK

Professional laser equipment manufacturer

Shandong Magick Intelligent Technology Co., Ltd. is a high-tech enterprise integrating R&D, production and sales of laser application equipment. Our factory is located in Tai'an City, Shandong Province. The main products are laser cutting machines, laser marking machines, laser welding machines, laser cleaning machines and other industrial laser equipment. Our company contains two brands: Magick laser and Manbaykon laser. Our machines are widely used in the metal working industry.

All of our products have passed CE, ROHS, FDA, EAC, SGS and other internationally renowned certifications. The modern management of the factory has passed the IOS quality management system certification. Before all equipment leaves the factory, we will have strict QC inspecting, so that customers can use it stably for a long time. We are a reliable laser equipment supplier, providing years of quality assurance service commitment.

As a high-tech enterprise, we have long-term and in-depth cooperation with well-known laser and accessories companies and universities at home and abroad. We have a professional engineer team and can provide customers with customized technical support. Efficient sales team and competitive price advantage, attracting customers from all over the world, we export to more than 100 countries and regions, including Europe, South America, North America, Middle East, Southeast Asia.

Magick's products adhere to the principle of quality first and always bring customers a wonderful experience, and we hope to cooperate with customers from all over the world. Welcome to visit us!



DEVELOPMENT

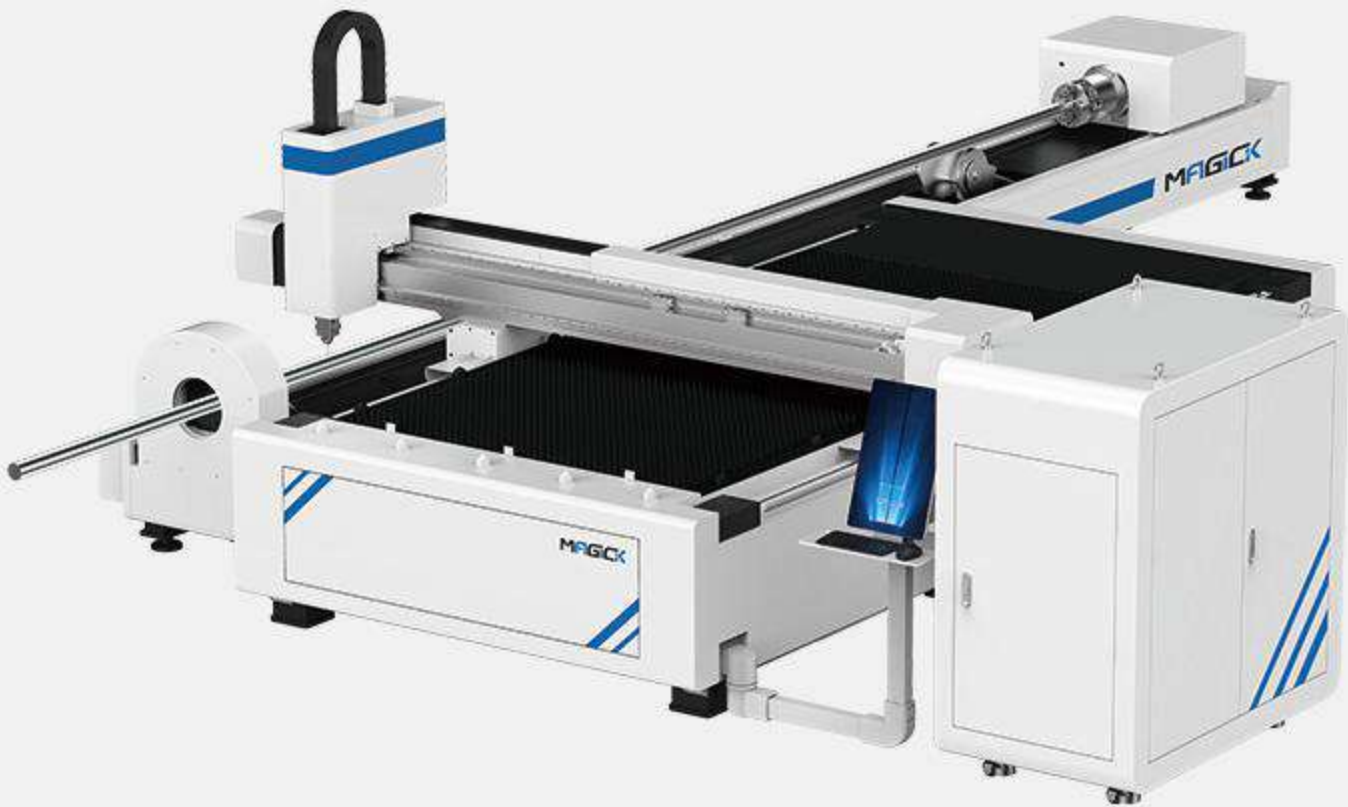
SHANDONG MAGICK INTELLIGENT TECHNOLOGY CO., LTD



Pass the TUV Certification
Products reached over 100 countries.



Established laser equipment production line and began to sell abroad.
Launched laser cutting machine.



Passed CE,ROHS EAC,FDA Certificates.
Launched more types laser cutting machines.



Launched 8025 super laser cutting machine.



Moved to new factory site,
can produce over 300 sets machine per a month.



Established an application laboratory with more than 30 engineers to independently develop metal plate and tube laser cutting machines.

2015

2010

2017

2018

2020

2019

2021

2022

2024

2023

2025



Mainly produce welding wire welding equipment
Established Jinan Woerde Welding Solder Co.,Ltd.



Launched enclosed laser cutting machine.



Established Shandong Magick Intelligent technology Co.,Ltd.
Move into new factory specially for laser.
Launched laser marking machine,
laser welding machine.
Launched tube laser cutting machine.

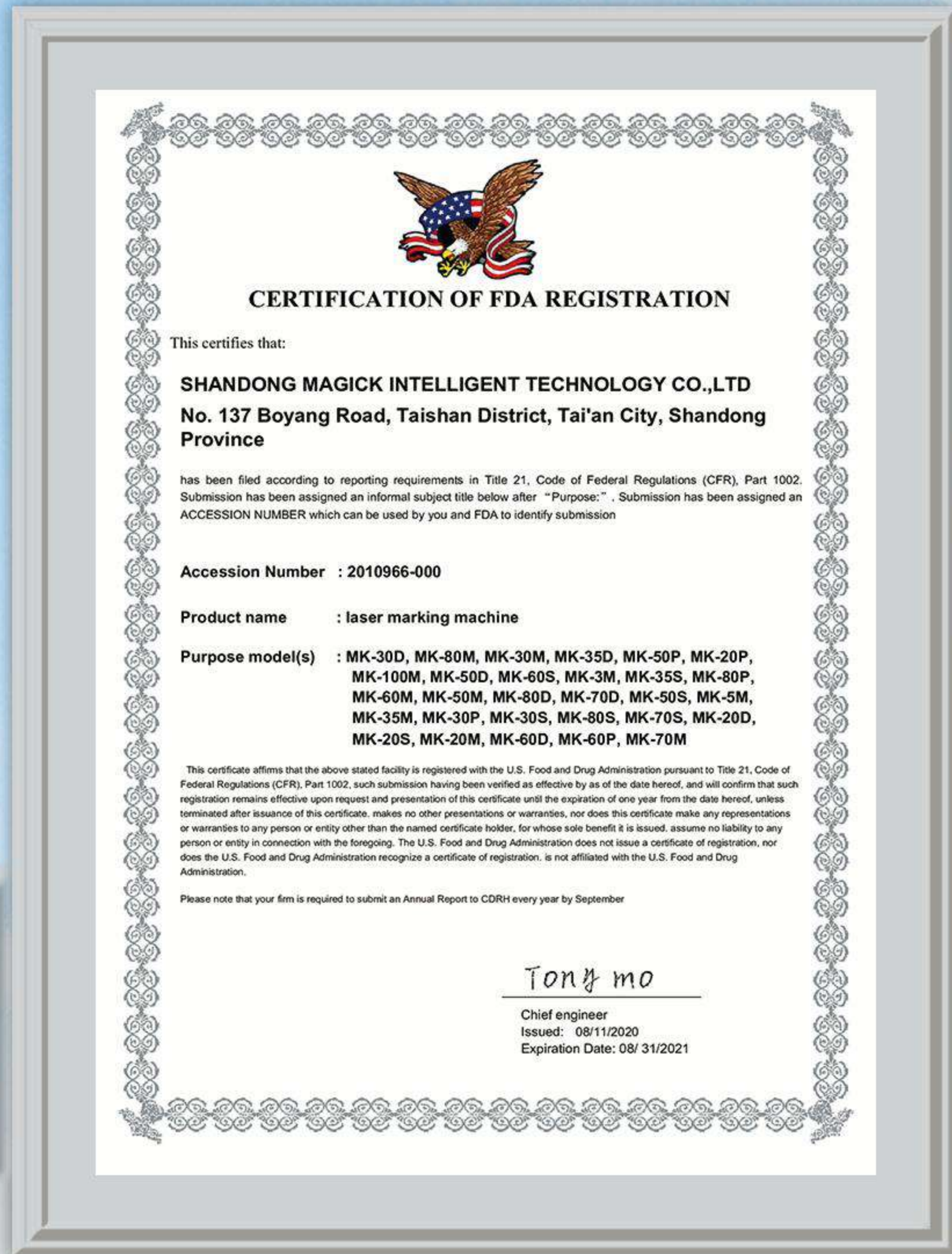


Passed ISO 9001
Laser machine export quantity reached over 100 sets per month.



The first 20kw fiber laser cutting machine delivery to customer.

CERTIFICATES



METAL SHEET FIBER LASER CUTTING MACHINE

MK-S

Open Single Platform Fiber Laser Cutting Machine

- Superior beam quality: smaller focusing spot, finer cutting lines, higher efficiency and better machining quality.
- Very low maintenance cost: no laser working gas; Optical fiber transmission, no reflective lenses; Can save a lot of maintenance cost.
- Easy operation and maintenance: optical fiber transmission, no need to adjust the optical path.
- Super flexible light guiding effect: small size, compact structure, easy to flexible processing requirements.



Model.No	MK-3015S	MK-4020S	MK-6020S	MK-6025S
Working area	3000*1500mm	4000*2000mm	6000*2000mm	6000*2500mm
Laser output power	1500W/2000W/3000W/6000W/12000W/20000W/30000W			
Repeated repositioning accuracy	±0.03mm			
Positioning accuracy	±0.02mm			
Maximum speed	120m/min			
Maximum acceleration	1.5G			

MK-E

Exchange Platform Fiber Laser Cutting Machine

- The frame is welded by steel parts, which has high rigidity and stability and can effectively eliminate the vibration during high-speed cutting.
- Double-drive Gantry structure, German rack and pinion transmission system, improve customer's production efficiency.
- The crossbeam is made of cast aluminum alloy and fine processing technology.
- Full closed-loop laser cutting control system, with high-speed piercing and automatic edge-finding function, easy to operate.

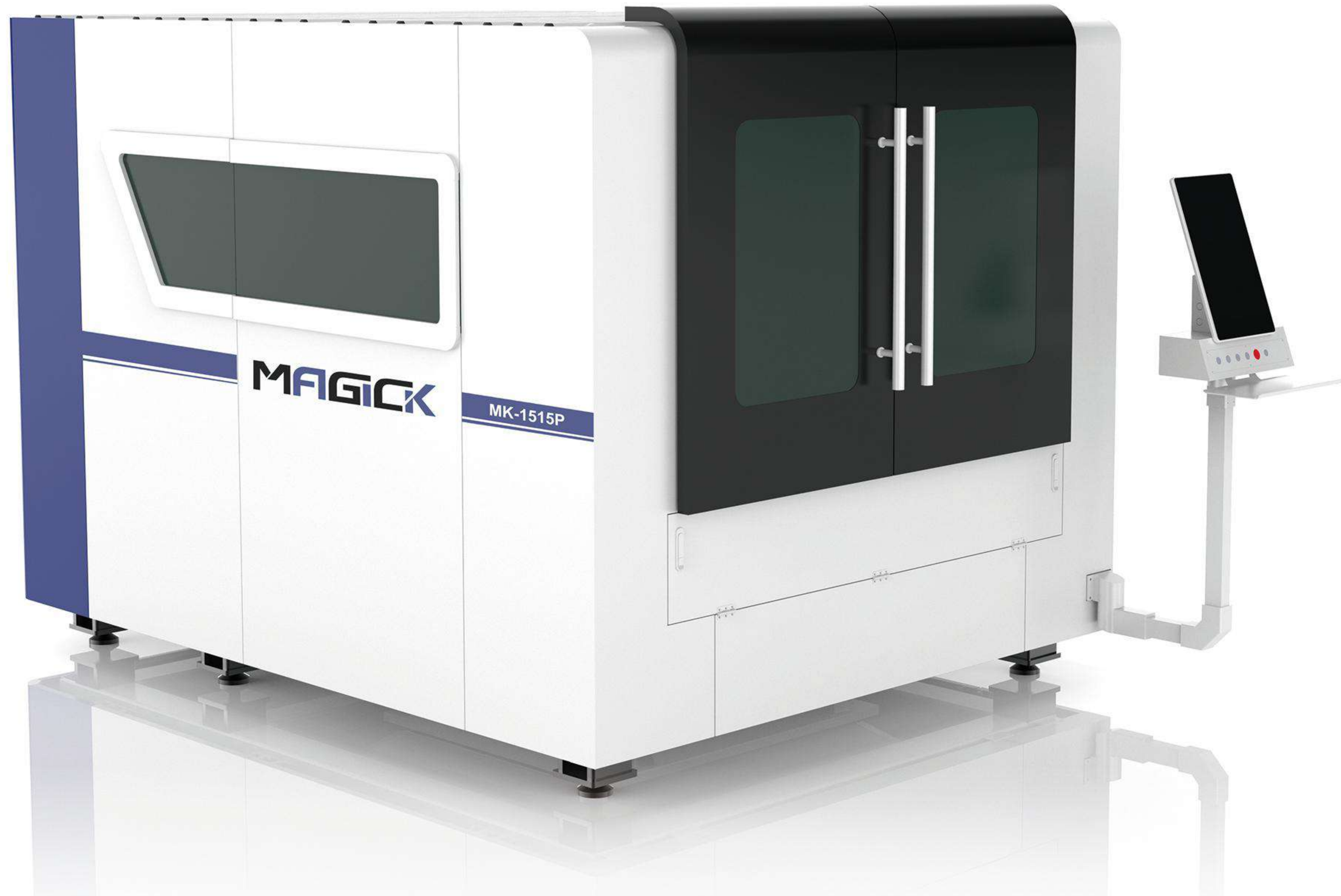


Model.No	MK-3015E	MK-4020E	MK-6020E	MK-6025E	MK-8025E
Working area	3000*1500mm	4000*2000mm	6000*2000mm	6000*2500mm	8000*2500mm
Laser output power	1500W/2000W/3000W/6000W/12000W/20000W/30000W				
Repeated repositioning accuracy	±0.03mm				
Positioning accuracy	±0.02mm				
Maximum speed	120m/min				
Maximum acceleration	1.2G				

MK-P

Full Enclosed Single Platform Fiber Laser Cutting Machine

- European environmental standards, low carbon and energy saving.
- Safety enclosure + laser protective glass + observation window
- Layered protection, safety guaranteed from the inside out.
- The mortise and tenon welding process ensure that the bed has sufficient structural stability, shock resistance and no deformation for long time.



Model.No	MK-1515P	MK-1325P	MK-3015P
Working area	1500*1500mm	2560*1330mm	3000*1500mm
Laser output power	1500W/2000W/3000W/6000W/12000W/20000W/30000W		
Repeated repositioning accuracy	±0.03mm		
Positioning accuracy	±0.02mm		
Maximum speed	100m/min		
Maximum acceleration	0.8G		



The bed is welded by high-quality steel plate and pipe.



Ipad design screen has a vertical screen display

MK-C

Full Enclosed Exchange Platform Fiber Laser Cutting Machine

- Closed processing environment, Smoke and dust proof,safe and environmental.
- Entirely heavy gantry structure machine tool, high strength welded steel beam, good rgit, stable performance.
- High speed exchange platform, make the work flow simply and save time.
- Professional laser cutting CNC system, automatic edge finding, automatic material arrangement, improve the uilizatin rate of plateand production efficiency.



Model.No	MK-3015C	MK-4020C	MK-6020C	MK-6025C	MK-8025C	MK-10250C
Working area	3000*1500mm	4000*2000mm	6000*2000mm	6000*2500mm	8000*2500mm	10200*2500mm
Laser output power	1500W/2000W/3000W/6000W/12000W/20000W/30000W					
Repeated repositioning accuracy	±0.03mm					
Positioning accuracy	±0.02mm					
Maximum speed	120m/min					
Maximum acceleration	1.5G					



High and low exchange platform fast exchange in 15 seconds

MK-G

12kw+ High Power Fiber Laser Cutting Machine

- Closed processing environment, Smoke and dust proof,safe and environmental.
- Entirely heavy gantry structure machine tool, high strength welded steel beam, good rgit, stable performance.
- High speed exchange platform, make the work flow simply and save time.
- Professional laser cutting CNC system, automatic edge finding, automatic material arrangement, improve the utilizatin rate of plateand production efficiency.



Model.No	MK-3015G	MK-4020G	MK-6020G	MK-6025G	MK-8025G	MK-10250G
Working area	3000*1500mm	4000*2000mm	6000*2000mm	6000*2500mm	8000*2500mm	10200*2500mm
Laser output power	12000W/20000W/30000W/40000W/50000W/60000W/80000W					
Repeated repositioning accuracy	±0.03mm					
Positioning accuracy	±0.02mm					
Maximum speed	120m/min					
Maximum acceleration	1.5G					

Aviation aluminum gantry, light quality, high speed.
After aging treatment,
its strength can reach 6061 T6
which is the strongest strength of all gantries.



MK-H

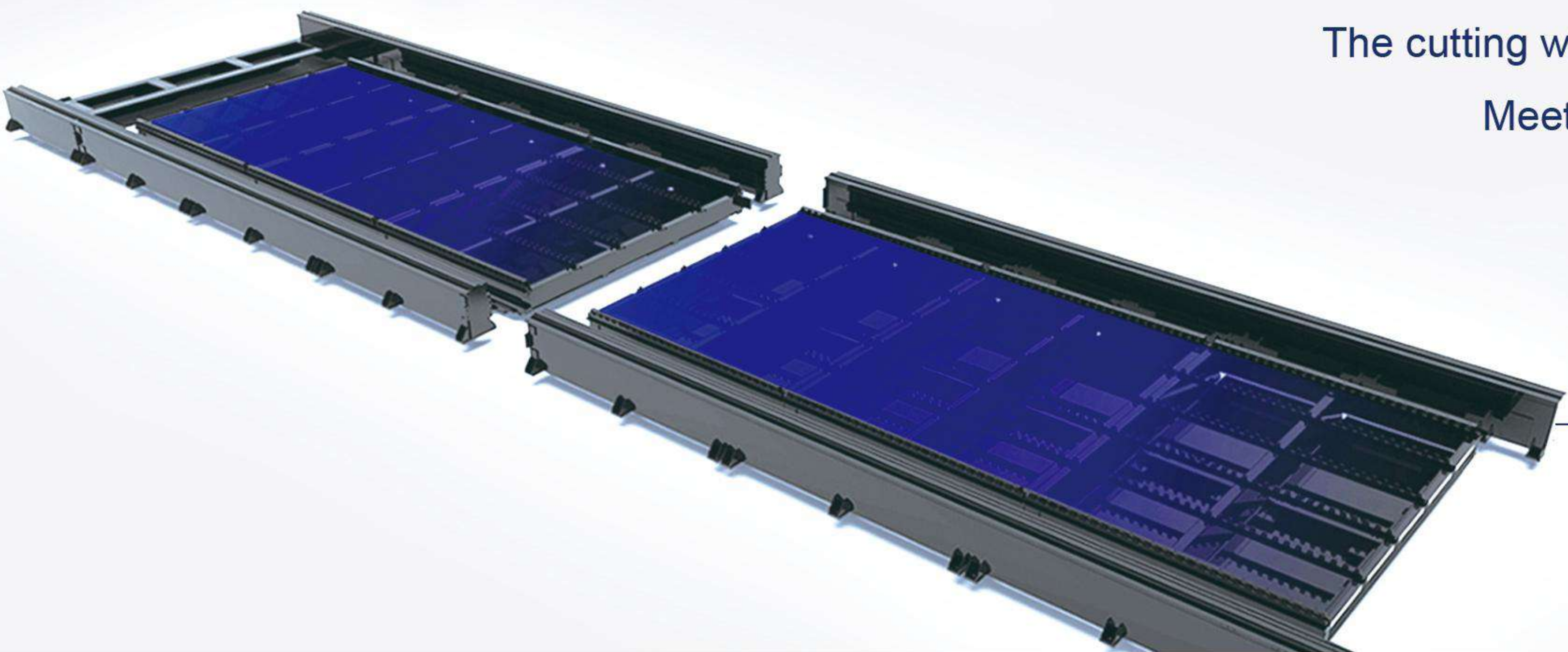
Large Format Metal Sheet Laser Cutting Machine

- Low Carbon Smokeless Clean Operation,Environmentally friendly smoking system, right blow and left suction, zoned exhaust.
- Adopt new fire-resistant, burn-proof and high-temperature isolation technology,Improve equipment service life,Guaranteed cutting accuracy.
- According to the actual processing conditions of the customer's sheet material,The cutting width can be customized according to demand.
- Focused on high-power thick plate cutting requirements, the cutting is stable and highly,efficient, easily handling cutting conditions for medium-thick plates of 20-70mm.



Model.No	MK-12032H	MK-14040H
Working area	12100*3250mm	14100*4050mm
Laser output power	6000W/12000W/20000W/30000W/40000W/50000W/60000W/80000W	
Repeated repositioning accuracy	±0.05mm	
Positioning accuracy	±0.1mm	
Maximum speed	80m/min	
Maximum acceleration	0.8G	

According to the actual processing conditions of the customer's sheet material
The cutting width can be customized according to demand
Meeting the demand for cutting whole thick plates



METAL TUBE

FIBER LASER CUTTING MACHINE

MK-T2W

Professional Tube Laser Cutting Machine

- Processing market conventional circular tube, square tube, rectangular tube.
- Digital chuck without manual adjustment.
- Professional nesting software, support for processing arbitrary curve graphics on round tubes.
- High precision pipe material, achieve sensorless and efficient detection, achieve full meter section cutting precision position deviation within 0.15 mm.



Model.No	MK-6024T2W	MK-6028T2W	MK-6036T2W	MK-6052T2W
Laser output power	1000W~20000W			
Diameter of round tube	φ20-240mm	φ20-280mm	φ20-350mm	φ20-520mm
Side length of square tube	□20-240mm	□20-280mm	□20-350mm	□20-520mm
Positioning accuracy	±0.05mm			
Repeat positioning accuracy	±0.03mm			
Maximum speed of movement	100m/min	100m/min	80m/min	60m/min
Maximum acceleration	1G	1G	0.6G	0.5G

MK-T3W

Three-Chuck Horizontal Tube Fiber Laser Cutting Machine

- Adopt overall heavy-duty high-strength cold-rolled tube sheet tailor-welded bed, plug-in structure, and equal-strength welding.
- High quality alloy aluminum plate plate, fully enclosed structure.
- Steel Belt Roller synchronous device, generous appearance, waste, will not enter the internal disk.
- Equipped with follow-up material support, it can adjust the lifting height in real time, to prevent the pipe from swinging and sagging, while ensuring cutting accuracy

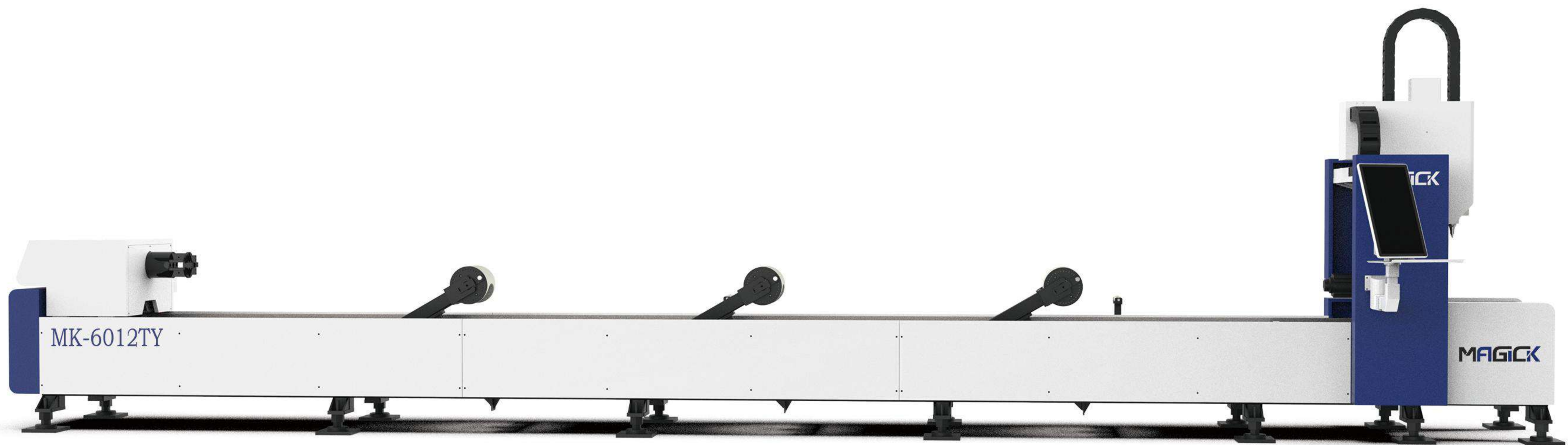


Model.No	MK-6024T3W	MK-6028T3W	MK-6036T3W	MK-6052T3W
Laser output power	1000W~20000W			
Diameter of round tube	φ20-240mm	φ20-280mm	φ20-350mm	φ20-520mm
Side length of square tube	□20-240mm	□20-280mm	□20-350mm	□20-520mm
Positioning accuracy	±0.05mm			
Repeat positioning accuracy	±0.03mm			
Maximum speed of movement	100m/min	100m/min	80m/min	60m/min
Maximum acceleration	1G	1G	0.6G	0.5G

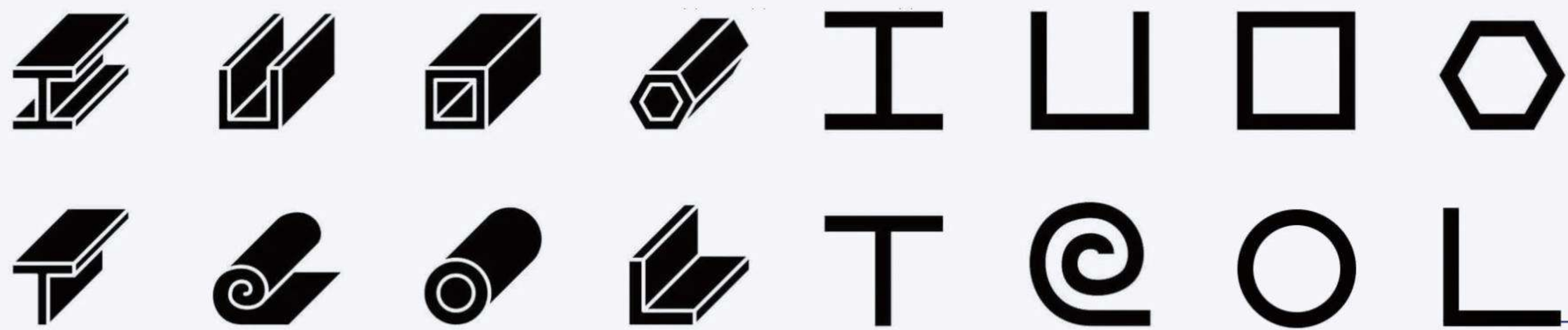
MK-TY

Economic Tube Laser Cutting Machine

- Processing market conventional circular tube, square tube, rectangular tube.
- Digital chuck without manual adjustment.
- Professional nesting software, support for processing arbitrary curve graphics on round tubes.
- High precision pipe material, achieve sensorless and efficient detection, achieve full meter section cutting precision position deviation within 0.15 mm.



Model.No	MK-6012TY	MK-6016TY
Laser output power	1000W~20000W	
Diameter of round tube	φ10-120mm	φ10-160mm
Side length of square tube	□10-120mm	□10-160mm
Positioning accuracy	±0.05mm	
Repeat positioning accuracy	±0.03mm	
Maximum speed of movement	120m/min	120m/min
Maximum acceleration	1G	1G



The pipe clamping range is wide, round pipe φ10-φ10, square pipe side length 10*10mm-350mm*350mm.
Supports cutting of various shapes of pipes such as I-beam, channel steel, angle steel, oval pipe, waist pipe, multi-deformation pipe, etc.

MK-T3C

Three-Chuck Side-Mounted Heavy-Duty Pipe Cutting Machine

- The side-mounted semi-automatic loading and unloading design reduces the center of gravity and vibration, making cutting more stable and loading and unloading more convenient.
- It supports the cutting of the whole pipe up to 12m, and the load capacity of a single pipe is 1200KG. Three-section bed design makes transportation more convenient.
- The system supports high-precision and high-efficiency cutting of square tubes, round tubes, track-shaped, oval and other stretched tubes, as well as angle steel and channel steel.



Model.No	MK-6036T3C	MK-12036T3C
Laser output power	1000W~20000W	
Diameter of round tube	φ20-360mm	
Side length of square tube	□20-360mm	
Positioning accuracy	±0.05mm	
Repeat positioning accuracy	±0.03mm	
Maximum speed of movement	60m/min	
Maximum acceleration	0.5G	



Adopt overall heavy-duty high-strength cold-rolled tube sheet tailor-welded bed, plug-in structure, and equal-strength welding

SHEET&TUBE

FIBER LASER CUTTING MACHINE

MK-ST

■ Dual-use Sheet & Tube Fiber Laser Cutting Machine

- Can cut square hole and waist hole on round pipe.
- Can cut all kinds of graphics on square pipe.
- It can cut multiple cylindrical wire holes with different directions and different diameters on the main pipe. Satisfy the vertical intersection condition of the branch pipe axis and the main pipe axis eccentric and non-eccentric.
- It can cut the end of the cylindrical intersecting line at the end of the branch pipe. Satisfy the condition of eccentric and non-eccentric perpendicular intersection and oblique intersection between the branch pipe axis and the main pipe axis.



Model.No	MK-3015ST	MK-4015ST	MK-6015ST	MK-4020ST	MK-6020ST	MK-6025ST	MK-8025ST
Laser output power	1500W/2000W/3000W/6000W/12000W/20000W/30000W						
Accuracy of positioning	±0.02mm						
Repeat repositioning accuracy	±0.03mm						
Maximum speed	100m/min			120m/min			
Tube size range	φ 10-φ230mm, □10- □230mm						

MK-CT

■ Protective Closed Sheet&Tube Fiber Laser Cutting Machine

- The internal structure of the bed adopts the aircraft metal honeycomb structure, which is welded by a number of rectangular tubes.
- Stiffeners are arranged inside the tubes to increase the strength and tensile strength of the bed, it also increases the resistance and stability of the guide rail so as to effectively avoid the deformation of the bed.
- The whole beam is processed by T6 heat treatment process to make the beam obtain the highest strength. Solution treatment improves the strength and plasticity of the beam, optimizes and reduces its weight, and speeds up the movement.
- High strength, stability, tensile strength, ensuring 20 years of use without distortion.



Model.No	MK-3015CT	MK-4015CT	MK-6015CT	MK-4020CT	MK-6020CT
Laser output power	1500W/2000W/3000W/6000W/12000W/20000W/30000W				
Accuracy of positioning	±0.02mm				
Repeat positioning accuracy	±0.03mm				
Maximum speed	120m/min				
Tube size range	φ10-φ230mm, □10- □230mm				

ROBOTS

FIBER LASER WELDING MACHINE

MK-RW

Robots Fiber Laser Welding Machine

- The whole machine is designed with a thick aluminum plate, and the structure is firm.
- High positioning accuracy and sensitive response.
- No need to manually move the product automatic welding, easy to operate.
- Modular setting of functions suitable for diverse applications. Safety module ensures safe production of the robots.



Application Areas

Through the intelligent operating system,users can quickly select welding parameters based on different materials and thicknesses, and beginners can also weld high-quality and consistent welds.



Model.No	MK-RW
Laser output power	1000W~3000W
Degrees of freedom	6
Wrist load	8KG
Maximum working radius	1045mm
Operating environment temperature range	0-40℃
Working environment humidity range	<75%
Position accuracy	±0.05mm
Weight	143KG
Drive mode	AC Servo drive
Vibration	<4.9m/s²
Voltage	380V

4 IN 1 FIBER LASER WELDING MACHINE

MK-HW

4in1 & Water Cooling Laser Welding Machine

- Suitable for long-term operation, prefect heat dissipation, prefect welding effectmore stable machine operation.
- Easy to maintain, convenient structural design.
- Saving time and human, the operation is simple ordinary people start in half an hour, save employment cost.
- High speed welding,the speed is fast,and the efficiency can reach 3-8times of argon arc welding.



Model.No	MK-HW1200	MK-HW1500	MK-HW2000	MK-HW3000
Operating mode	Continuous			
Laser wavelength	1080±5nm			
Power requirements	220V/380V			
Machine power	≤8.5KW	≤8.5KW	≤11KW	≤15KW
Operating environment temperature range	15-35℃			
Working environment humidity range	<70%No condensation			
Welding width	0-5mm			
Welding thickness range	0.5-8mm			
Cleaning width	Max. 120mm			
Wire diamater	0.8/1.0/1.2/1.6mm			
Welding speed	0-120mm/s			

MK-AW

4in1 & Air Cooling Laser Welding Machine

- Energy saving of 50% compared to water-cooled equipment.
- Can be directly welded, no need to wait for the machine.
- Maintenance-free mainframe, no need to add water and antifreeze.
- Compact, easy to move, light.



Model.No	MK-AW1200	MK-AW1500
Operating mode	Continuous	
Laser wavelength	1080±10nm	
Power requirements	220V	
Machine power	4.5KW	5KW
Operating environment temperature range	- 10~40℃	
Working environment humidity range	<70%No condensation	
Welding width	0-5mm	
Welding thickness range	0.4-5mm	
Cleaning width	Max. 120mm	
Wire diamater	0.8/1.0/1.2/1.6/2.0mm	
Welding speed	0-2m/min	

HANDHELD FIBER LASER CLEANING MACHINE

MK-LC

Continuous Fiber Laser Cleaning Machine

- Substrate non-contact cleaning, without damage.
- High precision cleaning, good precision of position cleaning, selective washing.
- Without any chemical cleaning fluid and no consume materials,safe and environment protecting.
- Simple operation,hand-hold clean or with a mechanical hand to clean .



Model.No	MK-LC1000	MK-LC1500	MK-LC2000	MK-LC3000
Laser output power	1000W~3000W			
Input power	220V, 1P, 50/60HZ			380V, 3P, 50/60HZ
Laser - Type	LD-Fiber			
Average power (W)	0-100			
Scanning width (mm)	10~300			
Expected focal distance(mm)	400mm/600mm/800mm			

MK-LCP

Pulse Hand-Held Laser Cleaning Machine

- Safe, non-contact, no damage to substrate.
- Environmental protection, no secondary pollution, and removed substances recyclable.
- Precision and controllable, optional area cleaning, and micron level.
- Ultra high cost performance, laser cleaning equipment in the use of no consumables, only power consumption.



Model.No	MK-LC200P	MK-LC300P
Laser output power	200W/300W	
Input power	220V, 1P, 50/60HZ	
Fiber optical length	10m	
Scanning width (mm)	145x145mm	
Scan speed	≤30000mm/s	
Cooling type	Air cooling	

FIBER&CO₂&UV LASER MARKING MACHINE

MK-F/S/M/D

Fiber Laser Marking Machine

- Adopts advanced digital high speed scanning galvanometer, quick speed without deviation, small volume, good stability, and performance reached the international advanced level.
- Modular design, separate laser generator and lifter, more flexible, can mark on bigger area and complicated surface. Air-cooled inside, small occupation, easy to install.
- High efficiency for photoelectric conversion, simple operation, Compact in structure, support harsh working environment, no consumables.
- MK-Style fiber laser marking machine is portable and easy for transportation, especially popular in some shopping malls due to its small volume and high efficiency on working small pieces.



Model.No	MK-F	MK-S	MK-M	MK-D
Laser power	20W~300W			
Laser wave-length (nm)	1064nm			
Laser repetition frequency	20KHz - 100KHz			
Standard marking area (mm)	110*110mm or Can be customized for larger			
Marking depth (mm)	≤2mm			
Marking speed (mm)	7000~12000mm/s			

MK-CF/CS/CM/CD

CO₂ Laser Marking Machine

- High reliability, long continuous operation time,clear and complete printing.
- Supported by rich software, enable to collect and manufacture various labels, non-contact processing
- Ensure original precision of the surface of work piece to the maximum limit.
- The optical system is fully sealed, it can prevent the dust from entering laser body and reduce the equipment failure rate.



Model.No	MK-CF	MK-CS	MK-CM	MK-CM
Laser power	35W/60W/100W			
Laser wave-length (nm)	10.64μm~9.2μm			
Laser repetition frequency	20KHz ≤30KHz ≤60KHz			
Standard marking area (mm)	110*110mm or Can be customized for larger			
Marking depth (mm)	0.01-0.1mm			
Marking speed (mm)	7000~12000mm/s			

MK-UF/US/UM/UD

UV Laser Marking Machine

- Water-cooling device, small size, 12,000 hours maintenance-free (theoretical 12,000 hours of service life).
- The focused spot is extremely small, and the processing heat affected zone is small (cold light), making the material heat-receiving area smaller. Not susceptible to heat deformation, ultra-fine marking, special material marking.
- Low cost of use, better beam quality, high efficiency, low power consumption, more energy saving and environmental protection.
- Can be applied to high-end market, ultra-fine marking environment, cosmetics, pharmaceuticals, LCD liquid crystal, electronic components, communication equipment, food and medicine packaging, glass division, electronic components, metal jewelry marking.



Model.No	MK-UF	MK-US	MK-UM	MK-UD
Laser power	3W-20W			
Laser wave-length (nm)	355nm			
Laser repetition frequency	100kHz			
Standard marking area (mm)	110*110mm or Can be customized for larger			
Marking depth (mm)	0.01-0.1mm			
Marking speed (mm)	7000-12000mm/s			

Laser Marking Machine-Other Models



Portable Laser Marking Machine



Optical Fiber Portable Handheld Laser Marking Machine



Split Fiber Laser Marking Machine



CO2 Laser Marking Machine



Desktop Laser Marking Machine



Closed Laser Marking Machine



Closed Laser Marking Machine



Semi-enclosed Desktop Laser Marking Machine



Desktop Laser Marking Machine



Desktop Laser Marking Machine



2.5D Laser Marking Machine



UV Laser Marking Machine



Laser Marking Machine



UV Gantry Laser Marking Machine



Closed UV Laser Marking Machine



CCD Visual Positioning Laser Marking Machine



Closed Desktop Laser Marking Machine



Label Fiber Laser Marking Machine



Label Fiber Laser Marking Machine



3015 Gantry Laser Marking Machine

OUR EXHIBITION

SHANDONG MAGICK INTELLIGENT TECHNOLOGY CO., LTD



OUR SERVICE

Contains pre-sales service, in-sales service, after-sales service, customer training and other professional teams, from technical process consulting, incoming material sampling reception and installation and commissioning, free customer personnel induction training, equipment maintenance and overhaul etc. To provide 24-hour all-founed rapid response service.

7x24 HRS
SERVICE

★★★★★

Standard wooden cases with sponge filled inside for packing protection.
The Wooden case is fumigation free which is suitable by sea & by air.
Customized Packing as per Customer's requirement.

