

Gweike Tech Co.,Ltd.

Headquarters Address:

13A, Building D, Big Data Industrial Base, Xin Luo Rd., High-tech Zone, Jinan, Shandong

Fiber Laser R&D Production Factory Address:

No. 58 Chuntian Rd., High-tech Zone, Jinan, Shandong

Metal Component Fabrication Factory Address:

No. 6158 Wenquan Rd., High-tech Zone, Jinan, Shandong

Integrated Intelligent Automation Manufacturing Factory Address:

No. 2999 Keji Rd., High-tech Zone, Jinan, Shandong

TEL: +86-531-88020976

Fax: +86-531-88912386

Http://www.gwklaser.com

E-mail:sales@wklaser.com

G-Weike (Guangdong) Laser Intelligent Equipment Co., Ltd.

Address:Fuhai International Technology Park Block A, Shenzhen City, Guangdong Province

Disclaimer: The product-related parameters contained in this brochure are standard reference data, and all product pictures are for reference only, and the product will follow our process upgrade changes accordingly, and the relevant information of the product shall be referred from our sales engineer. All copyright reserved by Gweike Laser.



Youtube



Facebook

National sales hotline 24/7

400-8061-521

National after-sale hotline 24/7

400-6586-086

LASER TECHNOLOGY

G·WEIKE
LASER



Pre-sale service

Through the network, telephone, onsite services and other means to provide customers with professional industry solutions.

Sale of services

we will treat every customer with honesty and fairness.

After-sale service

We will be responsible for the equipment which you purchase, provide on-site installation, commissioning, training and other technical support.

7×24 Online support
300-Engineer team

G·WEIKE
LASER

Automation | Cut | Bend | Welding | Clean

COMPANY INTRODUCTION



TEAM INTRODUCTION

Employees
1200+

Professional R&D personnel
200+

After sales engineers
300+

Based on research and development, driven by innovation, Gweike Laser continues to increase investment in R&D and introduce professional talents, and has created a R&D team with strong professional skills and strong comprehensive quality, which has created the ability to develop more than 5 new products every year. At the same time, Gweike laser has established a number of its own R&D centers around the world, and continues to carry out technical breakthroughs and product interpretations in core areas such as high-power cutting, flexible automation, three-dimensional five-axis technology, new energy power batteries, and ultra-precision cutting. Its technological innovation capability has always been at the forefront of the industry.

▶ Professional ▶ Dedicated ▶ Innovative ▶ Efficient

Established In
2004 Year

Production Base
200000+ m²

Annual Output
20000+ Sets

Global sales
100000+ Sets

Gweike Laser is a high-tech enterprise integrating R&D, production, sales and service. It has always been committed to leading the innovation and upgrading of laser equipment and providing high-quality full-scene laser intelligent solutions for global customers. The company has high-standard sheet metal production capacity, scientific and efficient assembly lines, and a comprehensive and systematic service network. Its products are exported to more than 180 countries and regions around the world.



Supporting equipment production base



Fiber R&D and production base



Intelligent comprehensive production base



Guangdong production base



Enterprise Vision

G.WEIKE Good Quality,Let The World Be Proud

Core Values

Customer-centric, quality supreme, innovative development, sincerity with others, unity and cooperation, immediate action

Mission

Laser technology makes a better life

HONOR CERTIFICATE

After years of experience accumulation in industry and dedicated R&D, Gweike has obtained more than 300 authorized patents for products and technologies, EU TÜV SGS CE, U.S. FDA,ETL and ISO9001 certifications. Gweike Laser has won many honours such as the IF Design Award, Red Dot Award, Muse esign Award, IDA Design Award, the National-level specialized and special new "little giant" enterprise, National High-tech Enterprise, China Appearance Patent Excellence Award, China Good Technology, Shandong Gazelle Enterprise and "Good Products Shandong" brand enterprises in Shandong Province.





48/LC3008R Robot intelligent high-speed laser cladding machine

53/BC0520P Bending center (press arm type)

Press Brake /55

Three in one handheld laser welding, cleaning, cutting machine /59



Ultra-high power ultra-large format laser cutting machine GH/07



45/GAS Automatic material storage system for medium and heavy plates



41/CPL Coil laser cutting production line

39/ Three-dimensional five-axis laser cutting machine



37/LNR Plate & pipe laser cutting machine



35/GAR Plate & pipe dual-use fiber laser cutting machine



29/TF Side-mounted front chuck tube laser cutter



28/TM Bevel laser pipe cutting machine



27/T2 Two-chuck fiber laser pipe cutting machine



23/T4 Four-chuck heavy duty pipe cutting machine



18/SLG Floor rail type large panel beveling cutting machine



Economical laser cutting machine E/15



16/SE Ultra large format fiber laser cutting machine



Dual driver gear rack fiber laser cutting machine LNII/13

Dual driver ball screw fiber laser cutting machine 1390/12



Whole cover fiber laser cutting machine P/11



5-year warranty fiber laser cutting machine GAIII/10



Double platform laser cutting machine GA/09



GH SERIES

ULTRA-HIGH POWER ULTRA-LARGE FORMAT LASER CUTTING MACHINE GH SERIES

Application field

Agricultural machinery, steel structure, mining machine, sheet metal processing equipment, construction machinery.



Bus system high-end intelligence

It adopts a high-end bus-type cutting system, with powerful functions and stable operation. It is easy to use after training and easy to deploy and operate.

High quality and stable bed

The bed is welded with super-heavy steel plates, and the de-hardening annealing technology + internal reinforcing rib support ensures high strength and stability, and lays a solid foundation for high-speed cutting.



TECHNICAL PARAMETERS

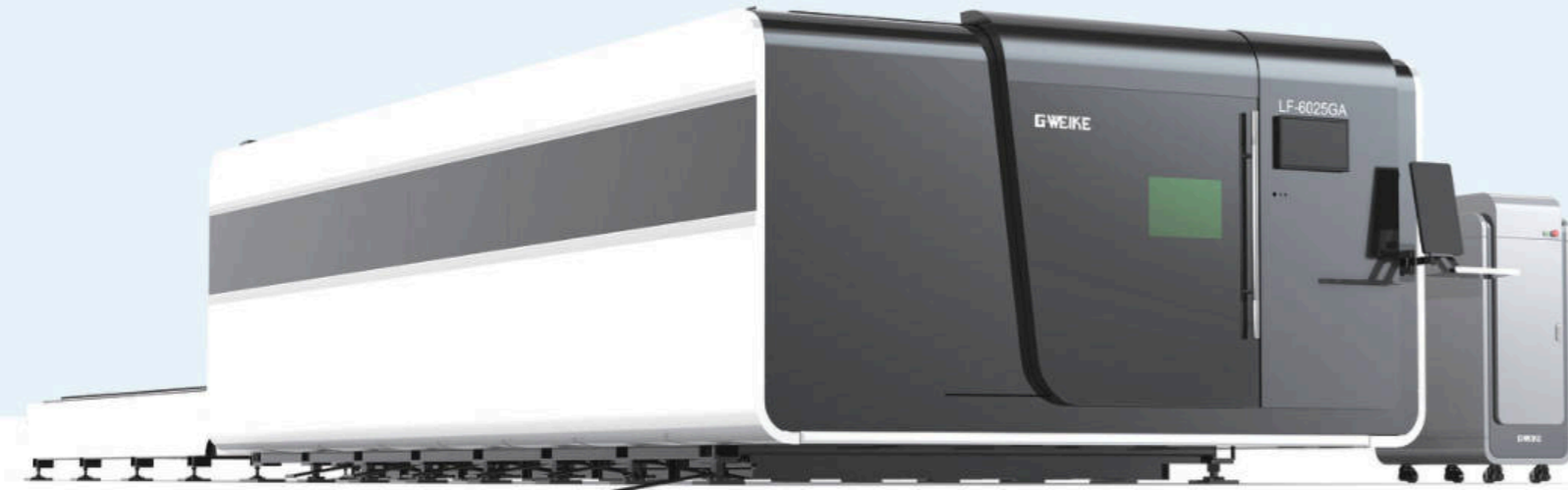
Machine model	LF12025GH	LF8025GH	LF6025GH	LF6020GH	LF4020GH
Working area	12500*2650mm	8050*2650mm	6050*2650mm	6050*2150mm	4050*2050mm
Laser power	6000W/4000W/3000W/2000W/1200W/800W				
X/Y axis positioning accuracy	±0.03mm				
X/Y axis repeat positioning accuracy	±0.02mm				
Dimensions	27980*4345*2705mm	19690*4345*2705mm	15554*4345*2705mm	15554*3845*2705mm	11320*3740*2705mm
Power rated voltage and frequency	380V 50HZ/60HZ				

GA SERIES

DUAL PLATFORM FIBER LASER CUTTING MACHINE

Exchange table, high loading and unloading efficiency

The 15s exchange platform adopts the upper and lower, it is safe and practical, greatly improves production efficiency and saves labor costs. The frequency converter controls the exchanging motor to realize the rapid exchange of the platform and effectively avoid the mechanical failure.



TECHNICAL PARAMETERS

Machine model	LF8025GA/LF6025GA/LF6020GA/LF4020GA/LF4015GA/LF3015GA	High-speed LF6020GA/LF6015GA/LF4020GA/LF4015GA/LF3015GA
Working area	8050*2530mm/6050*2530mm/6050*2030mm/4050*2030mm/4020*1530mm/3050*1530mm	6050*2030mm/6050*1530mm/4050*2030mm/4020*1530mm/3050*1530mm
Laser power	20000W(Optional)/12000W/8000W/6000W/4000W/3000W/2000W/1500W	3000W/6000W/12000W(optional)
X/Y axis positioning accuracy	±0.03mm	±0.03mm
X/Y axis maximum moving speed	100m/min	190m/min
Maximum cutting acceleration	1.2G	2G
Dimensions	19453*3880*2215mm/14577*3880*2215mm/14577*3380*2215mm/10138*3380*2215mm/10138*2880*2215mm/8580*2880*2215mm	14577*3380*2215mm/14577*2880*2215mm/10138*3380*2215mm/10138*2880*2215mm/8580*2880*2215mm

GA III SERIES

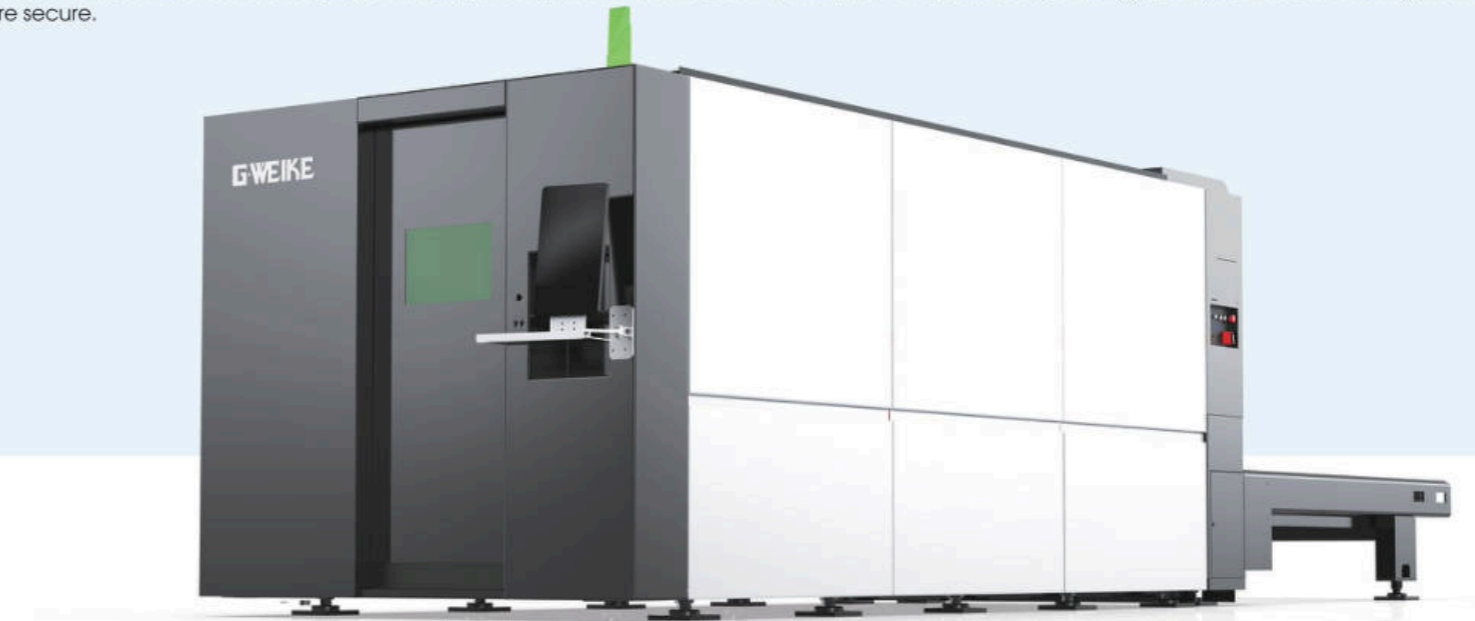
5-YEAR WARRANTY FIBER LASER CUTTING MACHINE

High and low exchange tables are more efficient

The high and low exchange table can be quickly exchanged in 15 seconds, which greatly improves production efficiency and reduces labor costs.

Independent research and development is more reliable

Core components such as laser sources, laser heads, systems, and lathes are all self-developed and produced, ensuring quality control and making machine use more secure.



TECHNICAL PARAMETERS

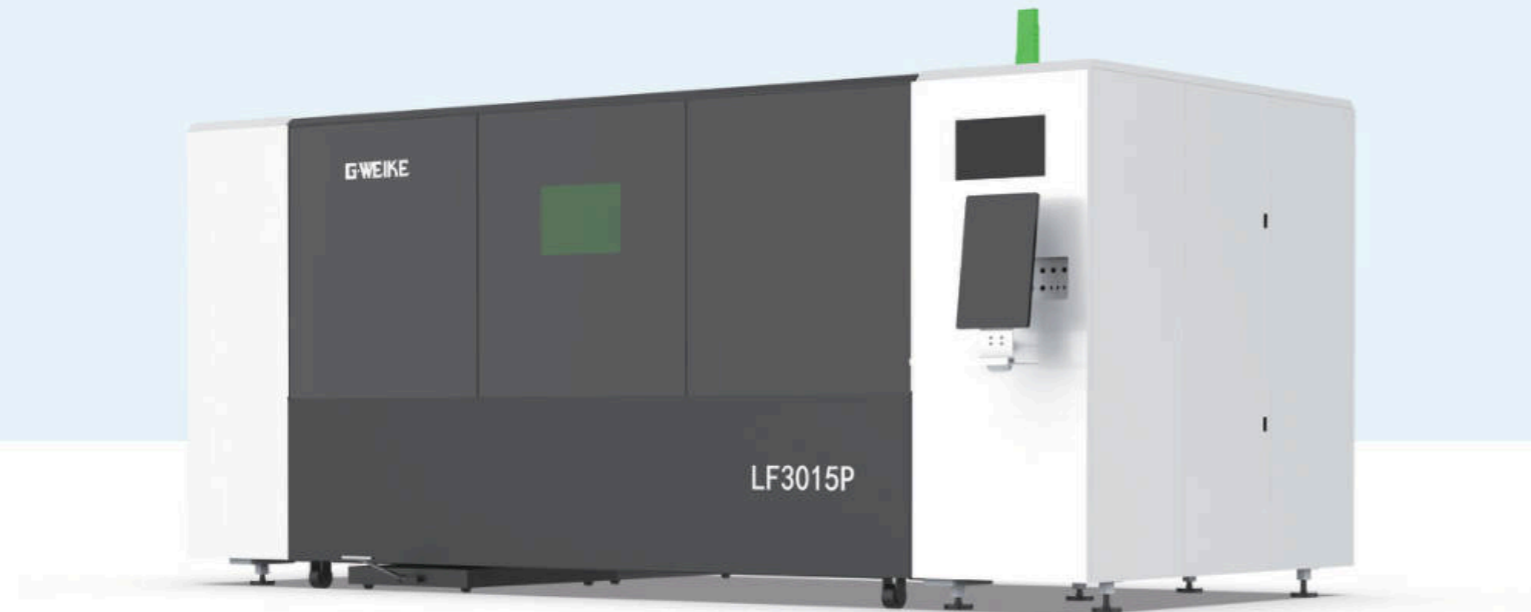
Machine model	LF6025GA III	LF4020GA III	LF3015GA III
Working area	6050*2530mm	4050*2030mm	3050*1530mm
Laser power	12000W/8000W/6000W/4000W/3000W		
X/Y axis positioning accuracy	±0.03mm		
X/Y axis repeat positioning accuracy	±0.02mm		
Max. Running speed	100m/min		

P SERIES

WHOLE COVER FIBER LASER CUTTING MACHINE

Application field

Stainless steel, carbon steel, silicon steel, aluminum alloy, titanium alloy, galvanized steel.



TECHNICAL PARAMETERS	
Machine model	LF3015P(With electric platform)
Working area	3048*1524mm
Laser power	12000W/6000W/4000W/3000W/2000W/1000W
X/Y axis positioning accuracy	±0.03mm
X/Y axis repeat positioning accuracy	±0.02mm
Dimensions	4949*4003*2435mm
Power rated voltage and frequency	380V 50Hz/60Hz

1390 SERIES

DUAL DRIVER Ball Screw FIBER LASER CUTTING MACHINE



TECHNICAL PARAMETERS	
Machine model	LF1390/LF1313
Laser power	6000W/3000W/2000W/1500W
Dimensions	2615*2348*2110mm/2620*2808*2110mm
Working area	1300mmx900mm/1300mmx1300mm
X/Y axis positioning accuracy	±0.03mm
Repeated positioning accuracy	±0.02mm
Power rated voltage and frequency	380V 50Hz/60Hz

LNII SERIES

DUAL DRIVER GEAR RACK FIBER LASER CUTTING MACHINE

Excellent dynamic performance

The dual-bus motor is paired with a new generation of aviation aluminum crossbeam, providing a maximum acceleration of 1.2G, dry run speed of 100m/min.

Application field

Car manufacture, shipping industry, textile machinery, construction machinery, food machinery, kitchen cabinets.



TECHNICAL PARAMETERS			
Machine model	LF6025LN II	LF4020LN II	LF3015LN II
Working area	6100mmx2550mm	4100mmx2050mm	3050mmx1530mm
Laser power	12000W/6000W/4000W/3000W/2000W/1500W		
X/Y axis positioning accuracy	±0.05mm		
X/Y axis repeat positioning accuracy	±0.03mm		
Power rated voltage and frequency	380V 50HZ/60HZ		

CN SERIES

HIGH SPEED FIBER LASER CUTTING MACHINE

Application field

Used for cutting a variety of metal plates, mainly used in stainless steel, carbon steel, galvanized sheet, electrolytic plate, brass, aluminum steel, various alloy plates, rare metal and other materials.



TECHNICAL PARAMETERS		
Machine model	LF3015CN	High-speed LF3015CN
Laser power	6000W/4000W/3000W/2000W	6000W/3000W
Dimensions	4630*2945*1950mm	4630*2950*1950mm
Working area	3050mmx1500mm	3050mmx1500mm
Repeated positioning accuracy	±0.03mm	±0.03mm
Max. acceleration	1.2G	2G
X/Y axis Maximum moving speed	100m/min	180m/min

E SERIES

ECONOMICAL LASER CUTTING MACHINE

Application field

Chassis cabinet, construction machinery, sheet metal processing, car manufacture, elevator manufacturing, kitchen cabinets.



TECHNICAL PARAMETERS

Machine model	LF3015E II
Working area	3050*1530mm
Laser power	6000W/3000W/2000W/1500W
X/Y axis positioning accuracy	±0.05mm
X/Y axis repeat positioning accuracy	±0.03mm
Dimensions	4480*2815*2047mm
Power rated voltage and frequency	380V 50Hz/60Hz

SE SERIES

ULTRA LARGE FORMAT FIBER LASER CUTTING MACHINE

Super large format, the whole board is loaded

The super large processing table supports the whole board and multiple boards to be loaded at one time, which greatly improves the production efficiency. The 10,000-watt power greatly improves the penetrating power and achieves high-quality cutting results.

Application field

Agricultural machinery, construction machinery, sheet metal manufacturing, car manufacturer, steel structure.



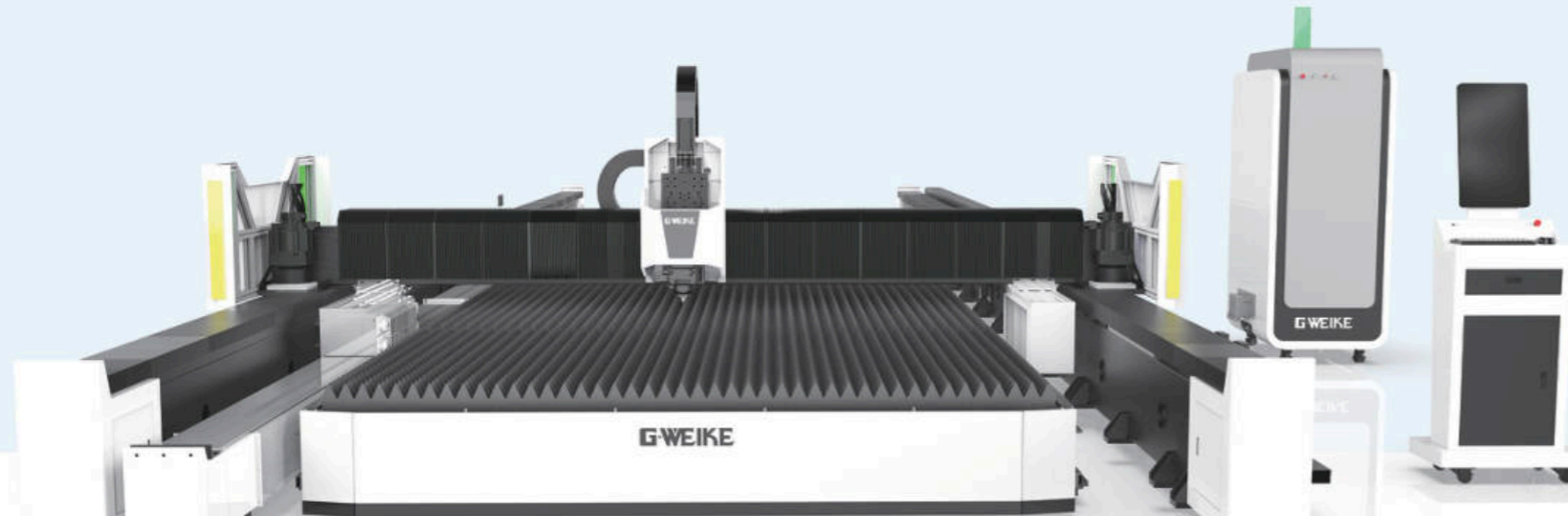
TECHNICAL PARAMETERS

Machine model	8020SE/8025SE/10025SE/12025SE
Laser power	30000W/20000W/12000W/8000W/6000W
X/Y axis positioning accuracy	±0.05mm
X/Y axis repeat positioning accuracy	±0.03mm
Maximum acceleration	1.4G
Maximum speed	140m/min

SL SERIES

FLOOR RAIL TYPE LARGE FORMAT HIGH-END CUTTING MACHINE

The bed supports a maximum width of 3.5m, and the length can be customized to meet the individual processing needs of different customers. It has the excellent cutting ability of whole plate and thick plate.



Note: The gantry enclosure is optional.

TECHNICAL PARAMETERS		
Machine model	16032SL	22032SL
Working area	Length 6m-40m; width 2m-3.5m (2m, 2.5m, 3.2m, 3.5m) Can customization	
Laser power	20000W/15000W/13500W/8000W/6000W/4000W/3000W/2000W/1200W	
X/Y axis positioning accuracy	0.1/10m&0.05/5m	
X/Y axis repeat positioning accuracy	±0.05mm	

SLG SERIES

FLOOR RAIL TYPE LARGE PANEL BEVELING CUTTING MACHINE WITH CANTRY COVER

Adopt AB double pendulum structure, support multi-shape full bevel forming and cutting at one time, meet the cutting requirements of 0-45° multi-angle bevel.

Application field

Car manufacture, aerospace, rail, mold processing, construction machinery, shipbuilding.

Bevel cutting head



Note: The gantry enclosure is optional.



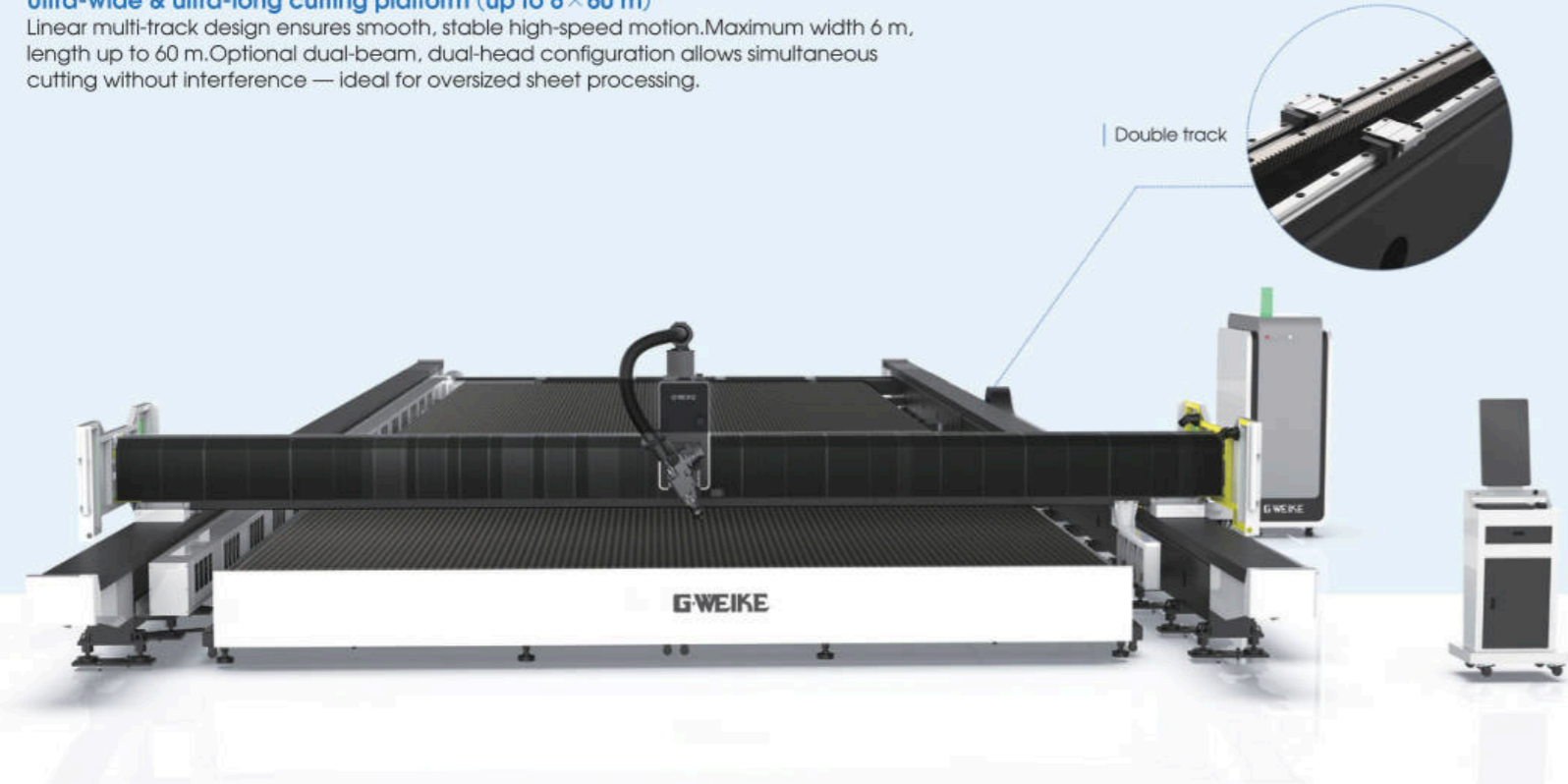
TECHNICAL PARAMETERS		
Machine model	16032SLG	22032SLG
Working area	Length 6m-40m, width 2m-3.5m (2m, 2.5m, 3.2m, 3.5m) Can customization	
Laser power	20000W/15000W/13500W/8000W/6000W/4000W/3000W/2000W/1200W	
X/Y axis positioning accuracy	0.1/10m&0.05/5m	
X/Y axis repeat positioning accuracy	±0.05mm	

SA SERIES

ULTRA-WIDE & ULTRA-LONG PLATFORM LASER CUTTING MACHINE

Ultra-wide & ultra-long cutting platform (up to 6 × 60 m)

Linear multi-track design ensures smooth, stable high-speed motion. Maximum width 6 m, length up to 60 m. Optional dual-beam, dual-head configuration allows simultaneous cutting without interference — ideal for oversized sheet processing.



TECHNICAL PARAMETERS	
Machine model	10050SA/12040SA /14040SA/16040SA/40040SA/60060SA
Working area	Length 6m-60m, width 4m-6m (4m, 5m, 5.2m, 5.5m, 6m) Can customization
Laser power	135000W/80000W/60000W/40000W/12000W
X/Y axis positioning accuracy	0.1/10m&0.05/5m
X/Y axis repeat positioning accuracy	±0.05mm

SAG SERIES

ULTRA-WIDE & ULTRA-LONG PLATFORM BEVELING LASER CUTTING MACHINE

0-45° bevel cutting capability

Innovative AB dual-swing head supports various bevel types (X, Y, V). Meets multi-angle bevel cutting requirements from 0° to 45°

Split-type bed and platform design

Separating the load-bearing platform from the base reduces stress and extends service life; the integrated spliced bed ensures long-term precision and rigidity under high-power operation.



TECHNICAL PARAMETERS	
Machine model	10050SAG/12040SAG /14040SAG/16040SAG/40040SAG/60060SAG
Working area	Length 6m-60m, width 4m-6m (4m, 5m, 5.2m, 5.5m, 6m) Can customization
Laser power	135000W/80000W/60000W/40000W/12000W
X/Y axis positioning accuracy	0.1/10m&0.05/5m
X/Y axis repeat positioning accuracy	±0.05mm

SLD SERIES

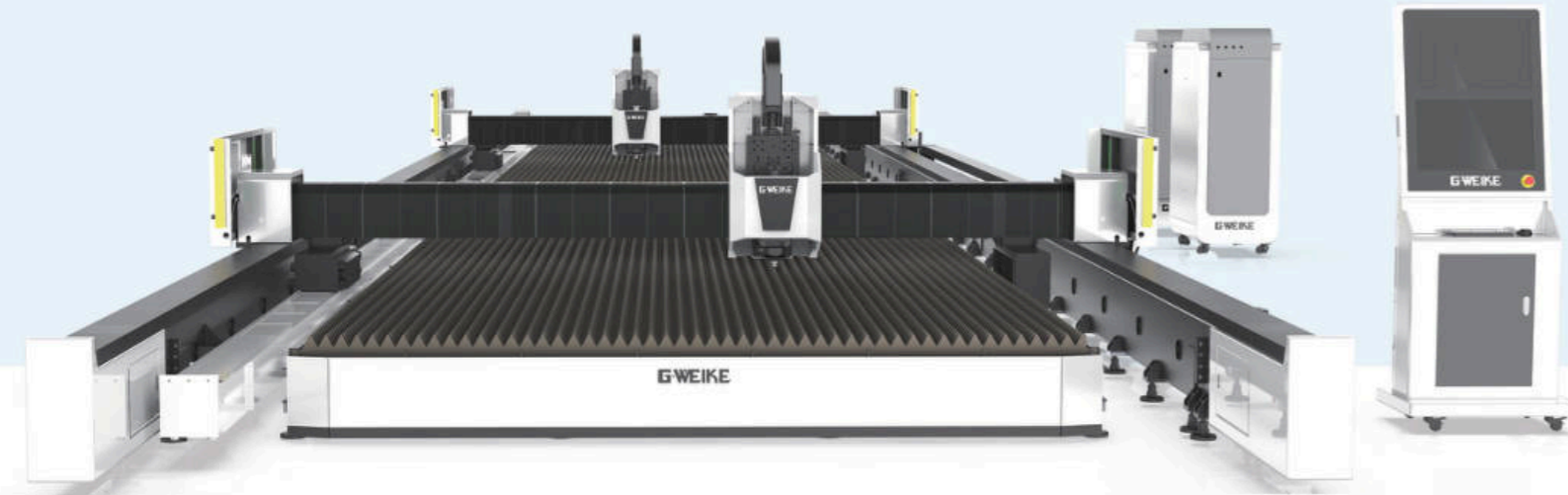
FLOOR RAIL TYPE DUAL-GANTRY LARGE PANEL CUTTING MACHINE

Dual-gantry bed system for enhanced production efficiency

This system features a bed frame equipped with two independent gantries, each capable of operating across the entire working area.

Operational flexibility

One gantry can perform marking/engraving while the other simultaneously conducts cutting operations. Both gantries can work in synchronized mode for coordinated cutting tasks. The gantries may cutting asynchronously to handle independent jobs.



TECHNICAL PARAMETERS		
Machine model	14032SLD	22025SLD
Working area	Length 6m-40m, width 2m-3.5m (2m, 2.5m, 3.2m, 3.5m) Can customization	
Laser power	20000W/15000W/13500W/8000W/6000W/4000W/3000W/2000W/1200W	
X/Y axis positioning accuracy	0.1/10m&0.05/5m	
X/Y axis repeat positioning accuracy	±0.05mm	
X/Y axis Maximum travel speed	100-140m/min	

SLR SERIES

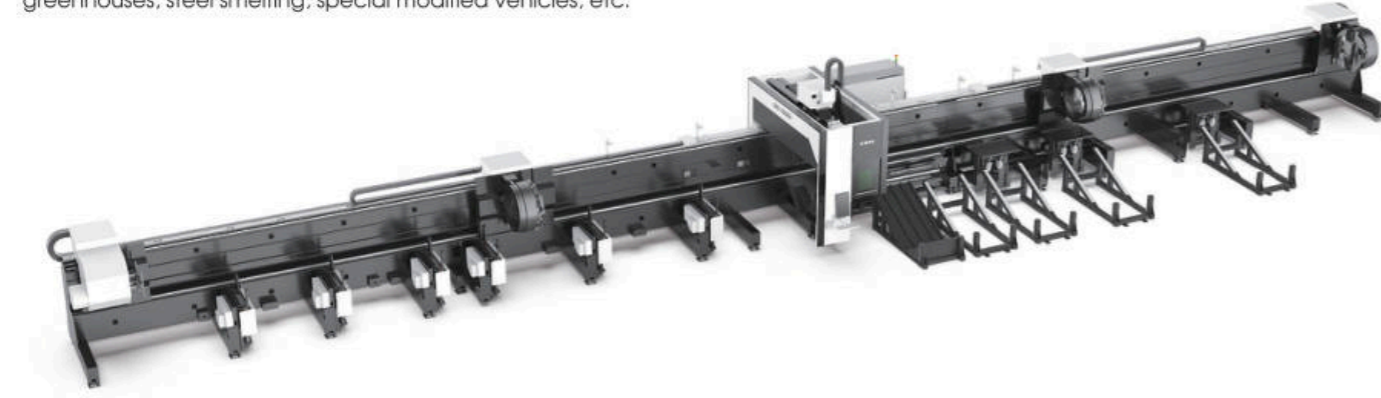
LARGE PLATE AND PIPE FIBER LASER CUTTING MACHINE



TECHNICAL PARAMETERS	
Machine model	13025SLR
Working area	13000*2500mm
Laser power	40000W/30000W/20000W/12000W
Square clamp 280	Round pipe \varnothing 20-280mm Square pipe \square 20-280mm
X/Y axis positioning accuracy	0.1/10m & 0.05/5m
X/Y axis repeat positioning accuracy	±0.05mm
Power rated voltage and frequency	380V 50Hz/60Hz

Application field

Engineering machinery, heavy machinery, construction machinery, steel structure buildings, bridge engineering, oil pipelines, elevator manufacturing, greenhouses, steel smelting, special modified vehicles, etc.



Semi automatic loading and unloading system

TECHNICAL PARAMETERS	
Machine model	GKS-12036T4/GKS-12050T4/GKS-12065T4
Laser power	6000W-30000W
Clamping range	Round pipe Φ 30-350mm Φ 40-500mm Φ 50-600mm Square pipe \square 30-350mm \square 40-500mm \square 50-600mm
Maximum blank line speed	60m/min; 60m/min; 30m/min
Maximum rotating speed	60r/min; 30r/min; 20r/min
Single pipe load-bearing	1200KG/2000KG/3000KG
X/Y axis positioning accuracy	± 0.05 mm/m
X/Y axis repeat positioning accuracy	± 0.05 mm
Chuck structure	360 Pneumatic Chuck/520 Pneumatic Chuck/650 Pneumatic Chuck

T4 SERIES

FOUR-CHUCK HEAVY DUTY PIPE CUTTING MACHINE

Dual-process parallel machining

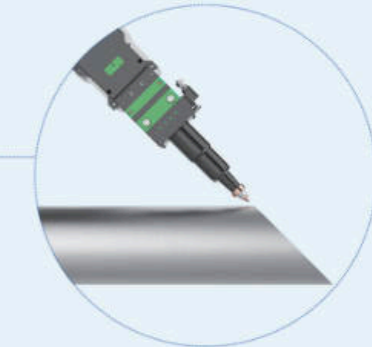
It ensures unloading for the last round or loading for the next round, while carrying out pipe cutting. Seamless collaboration, remarkable efficiency.

Intelligent full-mobility chucks

Flexible & Diverse combinations for automatic switch between 3+1, 2+2, and 1+3 modes to adapt to various working conditions, solving the problems of bending and deformation in extra-long heavy pipe processing.

Heavy-duty chucks, cut with zero tailing

500 heavy-duty pneumatic chucks. The Four-chuck flexible system achieves true tailing-free cutting.

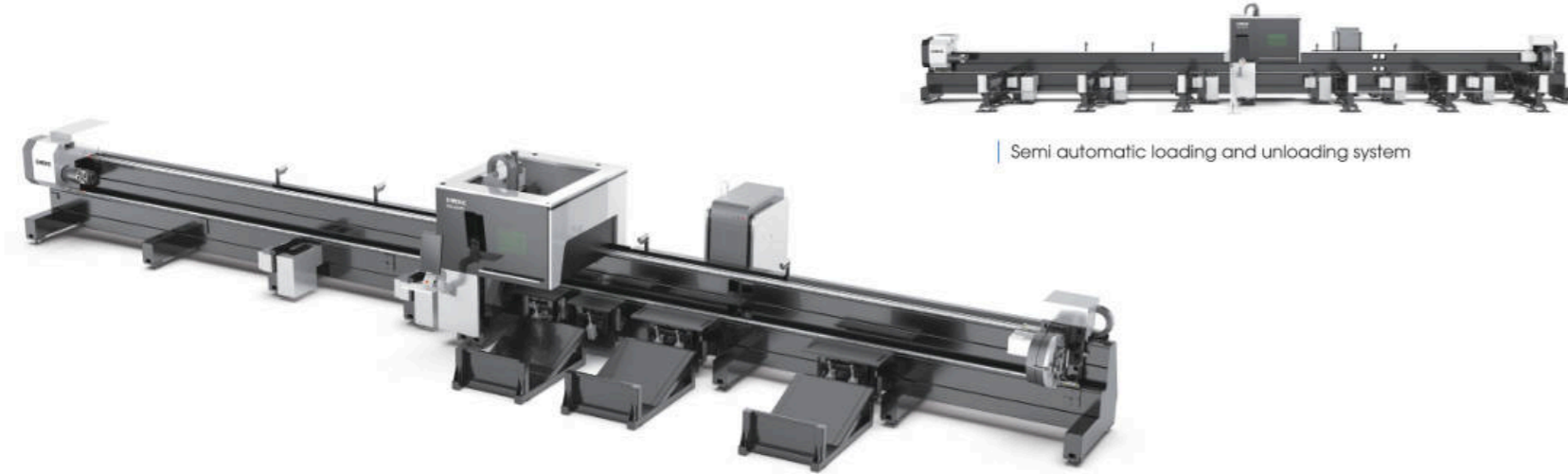


Bevel cutting head(option)



Application field

Construction machinery, heavy machinery, steel structure building, bridge engineering, oil pipeline, elevator manufacturing, greenhouse, steel smelting, special modified vehicles, etc.



Semi automatic loading and unloading system

T3 SERIES

THREE-CHUCK HEAVY DUTY ZERO TAILING PIPE CUTTING MACHINE

Three-chuck full stroke for more stable cutting

The three chucks are all positioned on the left side of the cutting head to jointly clamp the pipe, preventing sagging and bending of thin-walled pipes in the middle and ensuring high machining accuracy.

Side-hung bed frame with high-low rail layout

The side-hung machine bed lowers the center of gravity for easier loading. The high-low rail arrangement ensures more reasonable stress distribution and a more rigid, stable structure.



TECHNICAL PARAMETERS			
Machine model	GKS-6024T3/GKS-9024T3/GKS-12024T3	GKS-6036T3/GKS-9036T3/GKS-12036T3	GKS-12050T3/GKS-12065T3
Laser power	3000W-20000W	3000W-30000W	6000W-30000W
Clamping range	Round pipe Φ 20-240mm Square pipe \square 20-240mm	Round pipe Φ 30-350mm Square pipe \square 30-350mm	Round pipe Φ 40-500mm Φ 50-600mm Square pipe \square 40-500mm \square 50-600mm
Maximum rotating speed	100r/min	60r/min	30r/min
Single pipe load-bearing	500KG	1200KG	2000KG/3000KG
Repeated positioning accuracy	\pm 0.03mm	\pm 0.03mm	\pm 0.025mm
Maximum tube automatic loading length	6500mm/9500mm/12500mm	6500mm/9500mm/12500mm	12500mm
Maximum tube automatic unloading length	6500mm/ 6500; 9500mm/ 6500; 9500; 12500mm	6500mm/ 6500; 9500mm/ 6500; 9500; 12500mm	12500mm
Chuck structure	240 Pneumatic Chuck	360 Pneumatic Chuck	520 Pneumatic Chuck/650 Pneumatic Chuck
Maximum acceleration	1.0G	0.5G	0.3G/0.2G

T2 SERIES

TWO-CHUCK FIBER LASER PIPE CUTTING MACHINE

Fully automatic loading and unloading system
Loading Range: Φ 20-220mm \square 20-150mm

Semi automatic loading and unloading system
Loading Range: Φ 20-280mm \square 20-250mm



TECHNICAL PARAMETERS			
Machine model	GKS-6024T2/GKS-9024T2	GKS-6028T2/GKS-9028T2	GKS-6036T2/GKS-9036T2
Laser power	1500W-6000W		
Clamping range	Round pipe Φ 20-240mm/ Φ 20-280mm/ Φ 20-350mm Square pipe \square 20-240mm/ \square 20-280mm/ \square 20-250mm I-beam 10#-18#/10#-20#/10#-22#		
Maximum rotating speed	100r/min/100r/min/60r/min		
Effective cutting length of pipe	6500mm/9500mm		
Maximum loading length	6500mm/9500mm		
Single pipe load-bearing	300KG/400KG/500KG		
Chuck structure	240 Pneumatic Chuck/ 280 Pneumatic Chuck/ 360 Pneumatic Chuck		

Can be equipped with automatic loading and unloading or semi-automatic loading and unloading

TM SERIES

SIDE-MOUNTED FRONT CHUCK-MOVEABLE LASER TUBE CUTTING MACHINE

Side-mounted bed structure

The side-mounted bed structure effectively lowers the machine's center of gravity, facilitating material loading while enhancing overall structural stability. The high-low rail configuration ensures more efficient force distribution and contributes to a more compact and optimized machine layout.



Semi automatic loading and unloading system



(Optional)



TECHNICAL PARAMETERS			
Machine model	GKS-6024TM/GKS-6028TM		
Laser power	3000W-12000W		
Clamping range	Round pipe Φ 20-240mm/ Φ 20-280mm Square pipe \square 20-240mm/ \square 20-280mm		
Maximum rotating speed	100r/min		
Effective cutting length of pipe	6500mm		
Single pipe load-bearing	500KG/800KG		
Chuck structure	240 Pneumatic Chuck/280 Pneumatic Chuck		

Can be equipped with automatic loading and unloading or semi-automatic loading and unloading

TF SERIES

SIDE-MOUNTED FRONT CHUCK TUBE LASER CUTTER

Ultra-Short Remnant | Zero Waste Challenge

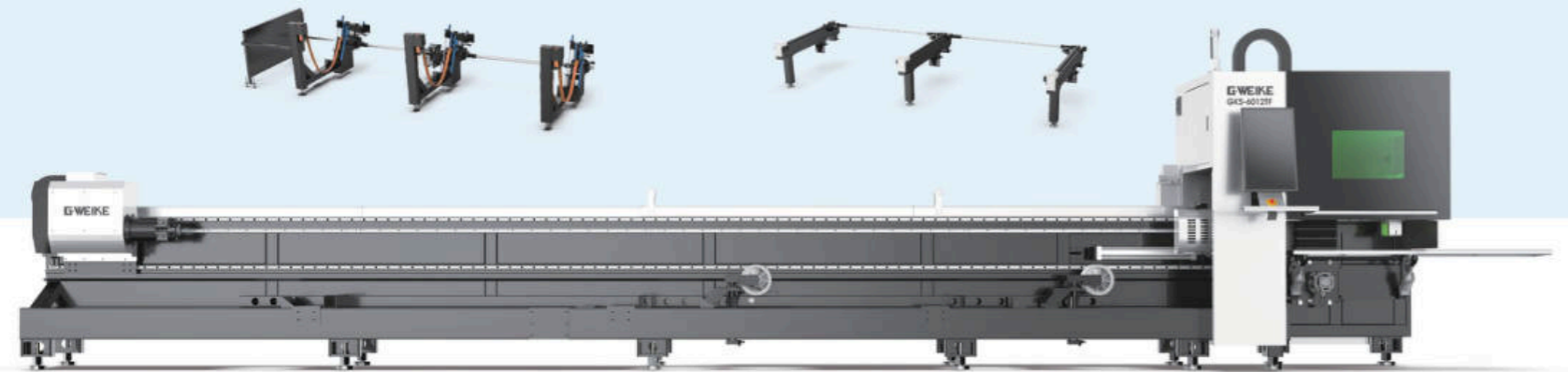
With front-offset main chuck design, minimum remnant can reach 30 mm. Optional servo drive with auxiliary gripper allows zero remnant cutting.

Side-Mount Frame | Convenient & Efficient

90° side-mounted front chuck overtravel lowers the center of gravity for more stable cutting. It also provides easier loading/unloading, operation and maintenance.

Fully automatic loading and unloading system
Loading Range: 20-120mm/ 20-160mm

Semi automatic loading and unloading system
Loading Range: 20-120mm/ 20-160mm



TECHNICAL PARAMETERS	
Machine model	GKS-6012TF/CKS-6016TF
Laser power	1500W-6000W
Clamping range	Round pipe Φ 10-120mm Φ 10-160mm Square pipe \square 10-120mm \square 10-160mm
Maximum rotating speed	200 r/min
Maximum loading lengths	6500mm
Single pipe load-bearing	80KG
Chuck structure	120 Pneumatic Chuck/160 Pneumatic Chuck

Can be equipped with automatic loading and unloading or semi-automatic loading and unloading

TMII SERIES

2-CHUCK ZERO-TAIL LASER PIPE CUTTING MACHINE

Front chuck over-travel for stable cutting

The front chuck adopts an over-travel design, enabling ultra-short tailing processing for pipes of any length. The final cut is performed with dual-chuck clamping, ensuring more stable cutting.

Bevel cutting supported

Equipped with a zero-swing mechanism to realize $\pm 45^\circ$ bevel cutting, simplifying the subsequent welding process and increasing efficiency by 30%.

Full automatic loading and unloading system

Semi automatic loading and unloading system



TECHNICAL PARAMETERS		
Machine model	GKS-6012TMII	GKS-6016TMII
Laser power	1500W/3000W/6000W	
Clamping range	Round pipe Φ 10-120mm Square pipe \square 10-120mm	Round pipe Φ 10-160mm Square pipe \square 10-160mm
Maximum rotating speed	200 r/min	140 r/min
Effective cutting length of pipe	6500mm	
Single pipe load-bearing	80KG	
Chuck structure	120 Pneumatic Chuck	160 Pneumatic Chuck

TG-E SERIES

ECONOMICAL AND PRACTICAL PIPE CUTTING MACHINE

Ultra-short tailings, maximum material savings

Minimum tailings length can reach 30 mm, delivering tangible material savings and further boosting profit margins.



TECHNICAL PARAMETERS	
Machine model	GKS-6012TG-E/GKS-6016TG-E
Laser power	1500W/3000W
Clamping range	Round pipe Φ 10-120mm Φ 10-160mm Square pipe \square 10-120mm \square 10-160mm
Maximum rotating speed	140 r/min
Maximum loading lengths	6500mm
Single pipe load-bearing	80KG
Chuck structure	120 Pneumatic Chuck/160 Pneumatic Chuck

GKS-6009TAG

AUTOMATIC BEVELING LASER PIPE CUTTING MACHINE

2-chuck zero-tail cutting

Featuring a movable gantry design with zone-based cutting technology, it achieves zero-tail cutting and greatly improves pipe material utilization.

Modular intelligent loading

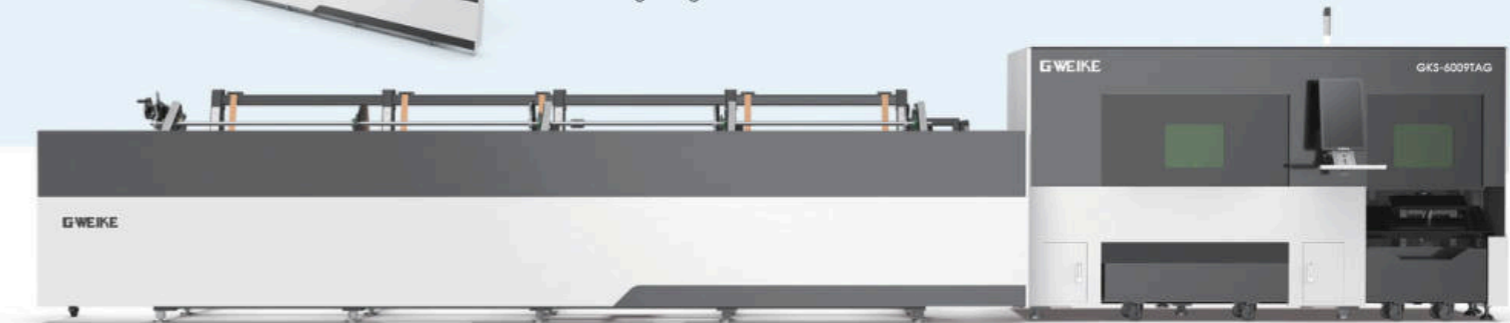
Equipped with a fully automatic loading system, it enables fully automatic cyclic processing, saving time, labor and manpower.

Bevel cutting supported

With a zero-swing mechanism, it delivers $\pm 45^\circ$ bevel cutting, simplifying subsequent welding processes and increasing efficiency by 30%.



Fully automatic loading and unloading system
Loading Range: Φ 20-90mm \square 20-120mm



TECHNICAL PARAMETERS	
Machine model	GKS-6009TAG
Laser power	1500W/3000W
Clamping Range	Round pipe Φ 10-90mm Square pipe \square 10-90mm Fully Automatic Feed Φ 20-90mm \square 20-120mm
Maximum Rotating Speed	150 r/min(As the weight of the pipe increases, the motion parameters correspondingly decrease)
Effective Cutting Length of pipe	6500mm
Single pipe load-bearing	80KG
Chuck structure	90 Pneumatic Chuck

Can be equipped with automatic loading and unloading or semi-automatic loading and unloading

GKS-12015S

PROFESSIONAL SHAPED STEEL LASER CUTTING MACHINE

Plate & section steel dual-use

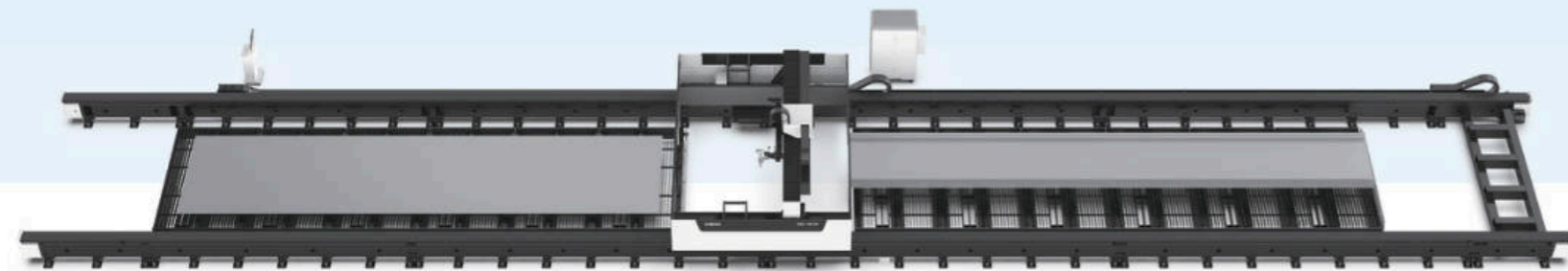
Supporting section steel and plate processing, one equipment can meet various processing needs.

All-in-one design

Cutting, perforating, beveling, locking, marking, and lining up all done in one machine.

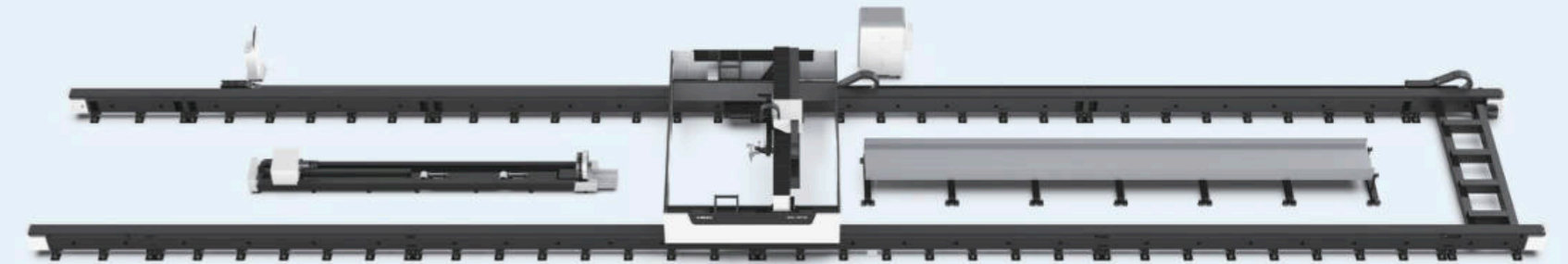
Tekla one-click nesting

Supports TEKLA structural 3D modeling data file cutting, eliminating the need for separate drawings, enabling intelligent and rapid nesting.



Application industry

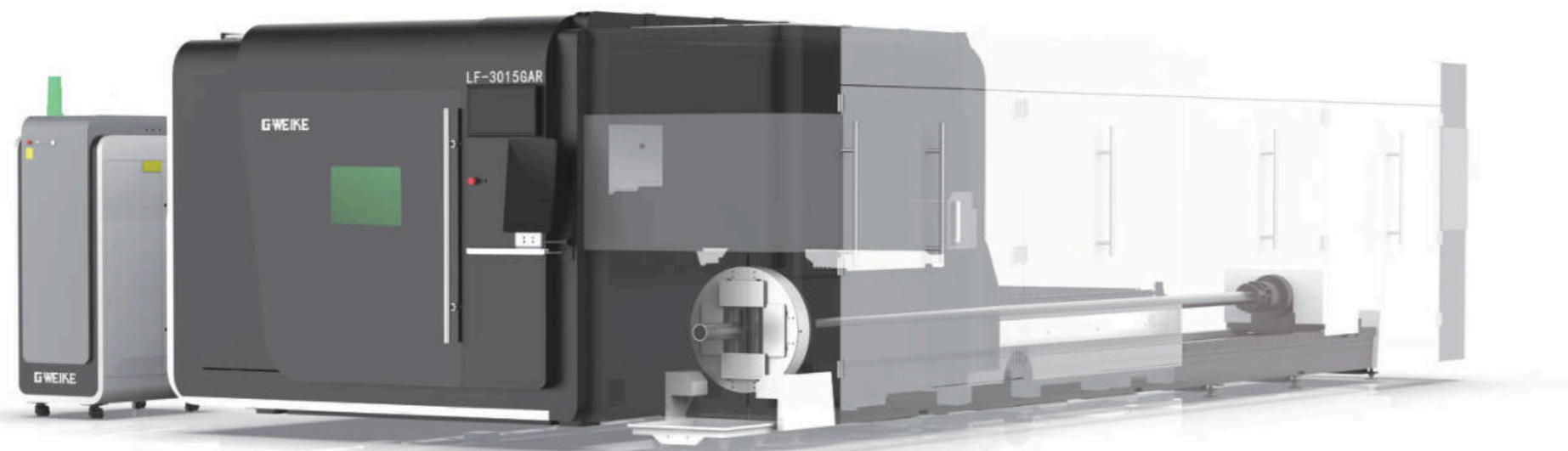
Steel structure industry.



TECHNICAL PARAMETERS

Machine model	GKS-12015S
Laser power	12000W (Optional 20000W/30000W)
X/Y/Z axis distance	3500mm/2800mm/1050mm
Maximum acceleration	0.5G
X/Y axis positioning accuracy	0.025mm/m
X/Y axis repeat positioning accuracy	±0.05mm
Power rated voltage and frequency	380V/50Hz/60Hz
Working area	Length 6m-28m(Plate processing range: 28000mm*3500mm straight cutting); 26000mm*3000mm bevel)
Maximum groove angle	±45°

TECHNICAL PARAMETERS				
Machine model	LF8025GAR	LF6025GAR	LF4020GAR	LF3015GAR
Working area	8050*2530mm	6050*2530mm	4050*2030mm	3050*1530mm
Laser power	12000W/6000W/4000W/3000W/2000W/1500W			
X/Y axis repeat positioning accuracy	±0.02mm			
Dimensions	19453*5084*2300mm	14577*5084*2300mm	10275*4584*2300mm	9473*4080*2300mm
Chuck structure	240 Pneumatic Chuck/ 280 Pneumatic Chuck/ 350 Pneumatic Chuck			
Clamping range	Square Clamp 240: Round pipe Φ 20-240mm Square pipe \square 20-240mm Square Clamp 280: Round pipe Φ 20-280mm Square pipe \square 20-280mm Round Clamp 350: Round pipe Φ 20-350mm Square pipe \square 20-245mm			
Maximum load of chuck	300KG(240 Pneumatic Chuck)/ 400KG(280 Pneumatic Chuck)/ 300KG(350 Pneumatic Chuck)			
Power rated voltage and frequency	380V 50Hz/60Hz			



GAR SERIES

DOUBLE PLATFORM PLATE AND PIPE LASER CUTTING MACHINE

Heavy-duty centering chuck, fast centering and stable clamping

Large clamping force, high clamping accuracy, long service life, easy to deal with heavy pipes and stable clamping.

High-speed exchange table, to achieve 15s fast exchange

Double platforms are exchanged in parallel, intelligently control the exchanging motor, and the machine bed can be exchanged within 15 seconds at the fastest; the chain drive system is adopted, which has strong overload capacity; which is intelligent and safe, and the positioning is clear.



TECHNICAL PARAMETERS			
Machine model	LF6025LNR II	LF4020LNR II	LF3015LNR II
Dimensions	9500*5300*2300mm	9250*4800*2300mm	9150*4300*2300mm
Working area	6100*2550mm	4100*2050mm	3050*1530mm
Laser power	1200W/6000W/4000W/3000W/2000W/1500W/1000W(Optional)		
Repeat positioning accuracy	±0.02mm		
Chuck structure	240 Pneumatic Chuck/280 Pneumatic Chuck/350 Pneumatic Chuck		
Clamping range	Square Clamp 240: Round pipe \varnothing 20-240mm Square pipe □20-240mm Square Clamp 280: Round pipe \varnothing 20-280mm Square pipe □20-280mm Square Clamp 350: Round pipe \varnothing 20-350mm Square pipe □20-245mm		
Maximum load of chuck	300KG(240 Pneumatic Chuck)/ 400KG(280 Pneumatic Chuck)/ 300KG(350 Pneumatic Chuck)		
Specified voltage and frequency	380V 50Hz/60Hz		



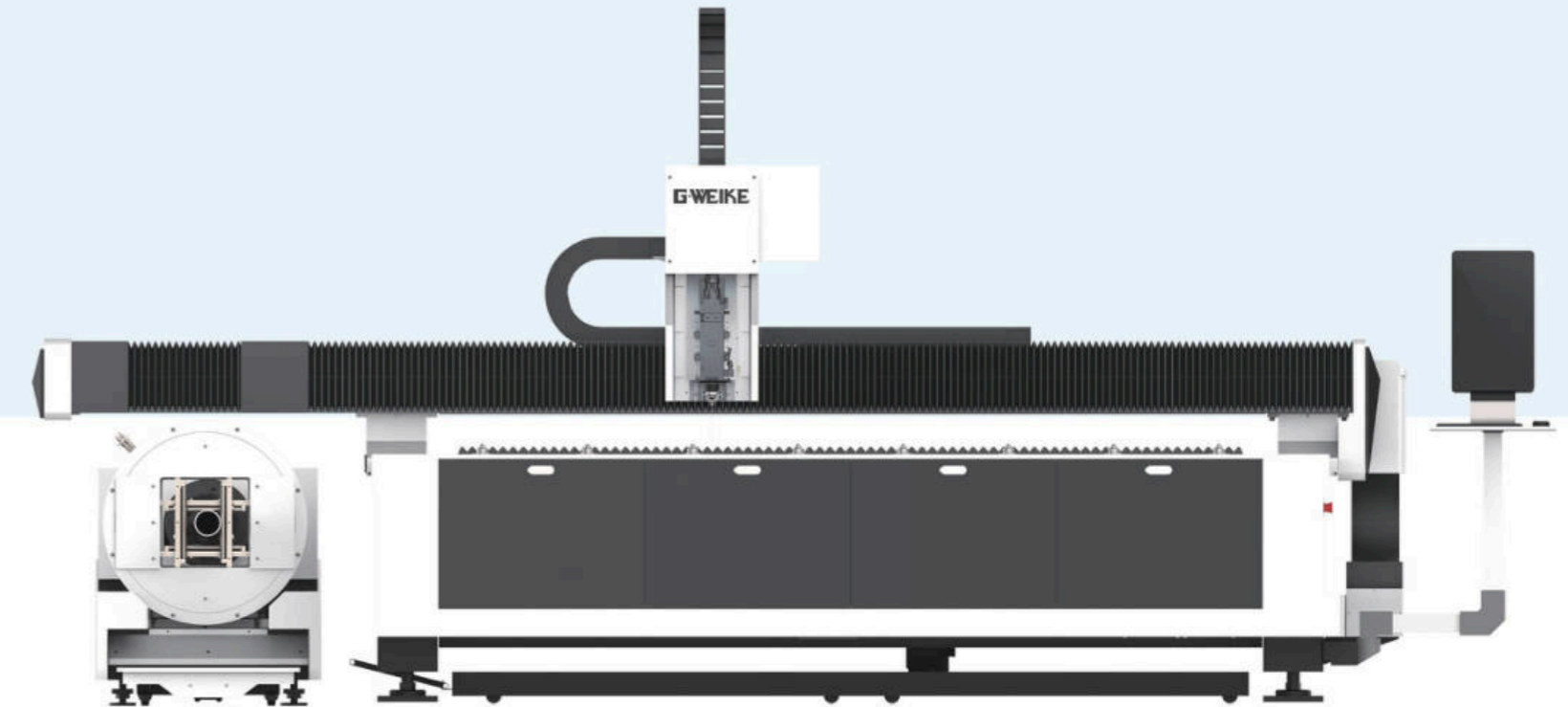
LNR SERIES

PIPE & PLATE DUAL-USE FIBER LASER CUTTING MACHINE

Application materials

Pipes-Professionally cutting square pipes, round pipes, rectangular pipes, D-shaped pipes, hexagon pipes and etc. Cutting capacity square pipes: 20*20-280*280, round pipes: \varnothing 20-350mm, more than 0.5mm thickness carbon steel pipes, stainless steel pipes, galvanized steel pipes and other steel material pipes.

Plates-Professional at cutting more than 0.5mm carbon steel, stainless steel, brass, copper, galvanized steel, electrolytic steel, silicon steel and etc. (thicknesses are related to the kinds of materials and fiber source power)



GKS-M3122G

THREE-DIMENSIONAL FIVE-AXIS LASER CUTTING MACHINE

Arbitrary rotation of cutting head, special-shaped surface processing tool

The three-dimensional five-axis linkage cutting head is independently developed, which can realize N°360° rotation and ±135° swing, showing flexible processing strength. The three-dimensional modeling process is formed in one time, and the efficiency and accuracy are double guaranteed.

Elevated gantry structure, double excellent speed and accuracy

Elevated gantry structure + precision servo drive + multi-axis linkage, supported by CAE scientific analysis data, the whole machine structure and core are finely designed to ensure the dynamic performance and stability of the whole machine.

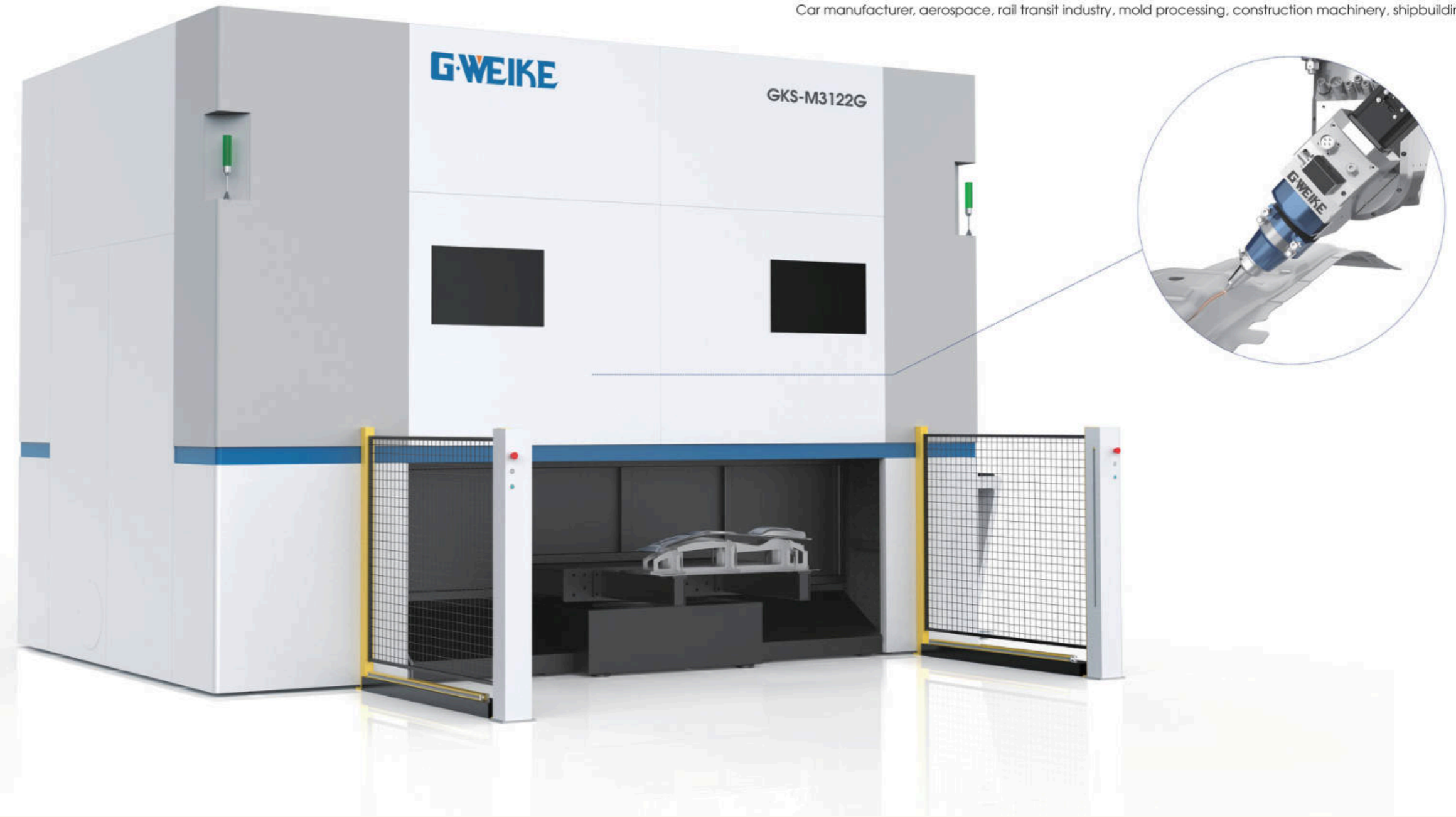
TECHNICAL PARAMETERS		
Machine model	GKS-M3122G	GKS-M4025G
Distance	X axis ≥ 3100mm, Y axis ≥ 2200mm Z axis ≥ 650mm	X axis ≥ 4000mm, Y axis ≥ 2500mm Z axis ≥ 650mm
Speed	X/Y/Z axis ≥ 80m/min	X/Y/Z axis ≥ 80m/min
Acceleration	X/Y/Z axis > 1g	X/Y/Z axis > 1g
Positioning accuracy	X/Y/Z axis ± 0.05mm	X/Y/Z axis ± 0.05mm
Repeat positioning accuracy	X/Y/Z axis ± 0.03mm	X/Y/Z axis ± 0.03mm
	Three-dimensional five-axis cutting head	
Distance	C axis N°360°, A axis ± 135°	C axis N°360°, A axis ± 135°
Speed	C/A axis ≥ 90r/min	C/A axis ≥ 90r/min
Acceleration	C/A axis ≥ 90rad/s²	C/A axis ≥ 90rad/s²
Positioning accuracy	C/A axis ± 0.015°	C/A axis ± 0.015°
Repeat positioning accuracy	C/A axis ± 0.005°	C/A axis ± 0.005°

Sample display



Application field

Car manufacturer, aerospace, rail transit industry, mold processing, construction machinery, shipbuilding.



CPL SERIES

COIL LASER CUTTING PRODUCTION LINE

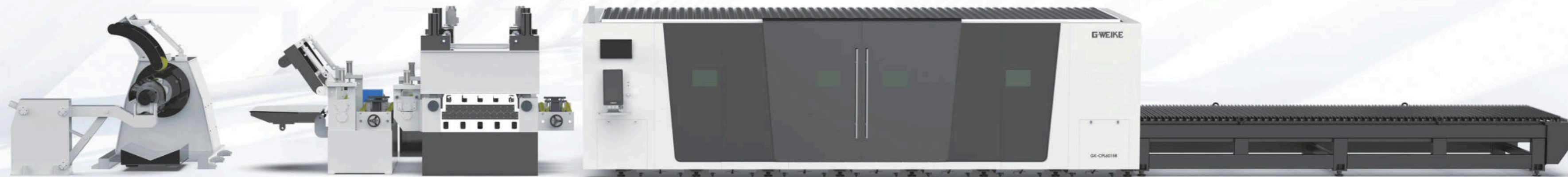
TECHNICAL PARAMETERS		
Machine model	Standard GKS-CPL3015B/GKS-CPL4015B/GKS-CPL6015B	Optional GKS-CPL3015B/GKS-CPL4015B/GKS-CPL6015B/GKS-CPL6020B
Laser power	1500W-6000W	1500W-6000W
Working area	3000*1500mm/ 4000*1500mm/ 6000*1500mm	3000*1500mm/ 4000*1500mm/ 6000*1500mm/ 6000*2000mm
Dimensions	15500*7100*2600mm/17500*7100*2600mm/ 21500*7100*2600mm	17000*7700*2500mm/19000*7700*2500mm/ 23000*7700*2500mm/23000*8700*2500mm
Thickness of coiled material	0.8-2.0mm	0.8-3.0mm
Coiled material width	600-1500mm/600-1500mm/600-1500mm	600-1500mm/ 600-1500mm/600-1500mm/ 600-2000mm
Coil weight	10T	15T
X/Y axis cutting stroke	1550mm; 3050mm/1550mm; 4050mm/1550mm; 6050mm	1550mm; 3050mm/1550mm; 4050mm/1550mm; 6050mm/2050mm; 6050mm
X/Y axis cutting repeat positioning accuracy	±0.03mm	±0.03mm
X/Y axis Maximum positioning speed of single axle	100m/min	100m/min
X/Y axis positioning accuracy	±0.05mm	±0.05mm
X/Y axis maximum acceleration	0.8G	0.8G

Intelligent operation and efficient production

It realizes the four functions of automatic opening and leveling, feeding, cutting and unloading of the coil material, and the operation is stable and reliable; open automatic feeding system, automatic transmission operation platform, completely solve the drawbacks of manual feeding.

Continuous cutting, strong power

The coil conveying equipment is continuously conveyed, and the feeding and discharging run synchronously, with excellent continuous transmission and seamless power cutting connection, which further improves the efficiency.



CPLS SERIES

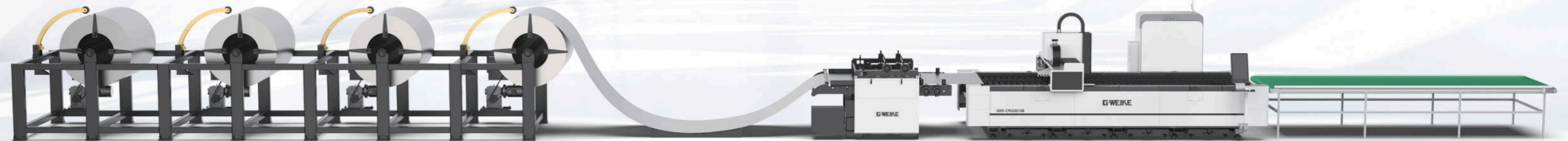
COIL LASER CUTTING PRODUCTION LINE

TECHNICAL PARAMETERS

Machine model	GKS-CPLS3015B/GKS-CPLS6015B
Laser power	1500W-6000W
Working area	3000*1500mm/6000*1500mm
Dimensions	14000*6300*2200mm/17000*6300*2200mm
Thickness of coiled material	0.8-1.2mm
Coiled material width	600-1500mm/ 600-1500mm
Coil weight	7T
Feeding speed	0~20m/min
X/Y axis cutting stroke	1550mm; 3050mm/1550mm; 6050mm
X/Y axis cutting repeat positioning accuracy	±0.03mm
X/Y axis positioning accuracy	±0.05mm
X/Y axis Maximum positioning speed of the linkage	100m/min

Industry applications

Automotive manufacturing, office furniture, electrical appliances, server racks and cabinets, elevator manufacturing, kitchenware, decorative curtain walls, machinery manufacturing, mould making, rail transportation, and medical devices.



GAS SERIES

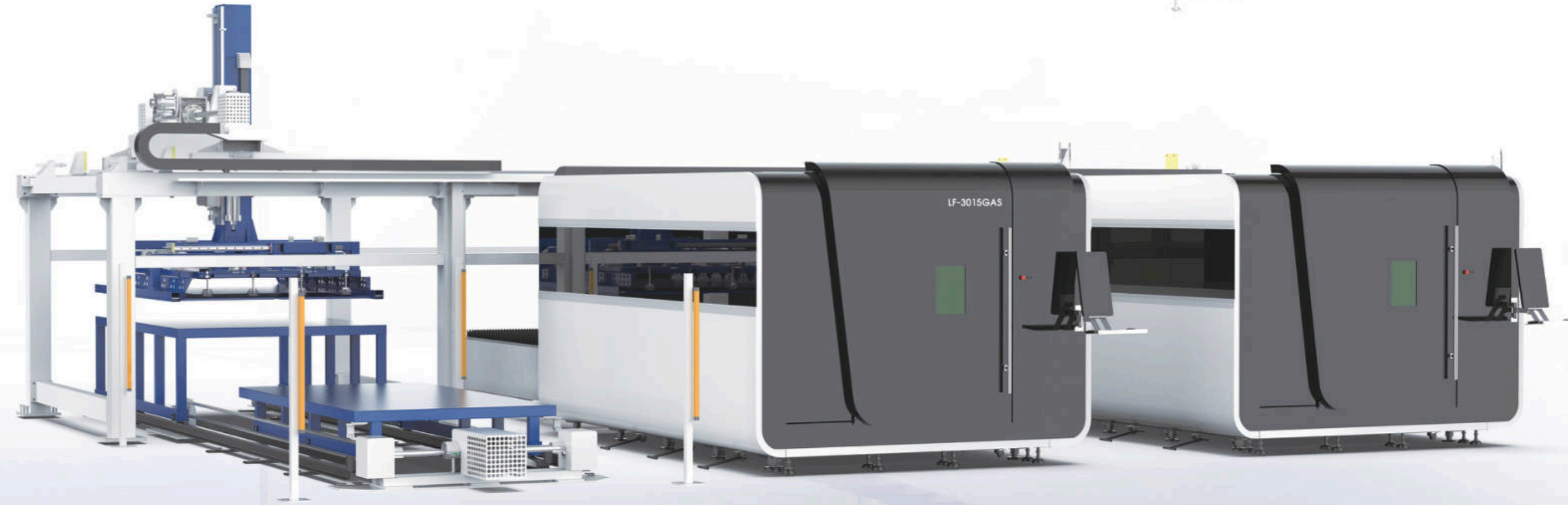
AUTOMATIC MATERIAL STORAGE SYSTEM FOR MEDIUM AND HEAVY PLATES

TECHNICAL PARAMETERS

Machine model	LF3015GAS/LF4020GAS/LF6025GAS
Laser power	1500W/2000W/3000W/6000W/12000W
Maximum loading plate size	3000*1500mm/4000*2000mm/6000*2500mm
Minimum loading plate size	1200*1000mm/1200*1000mm/2500*1500mm
Maximum loading and unloading plate thickness	20mm/20mm/10mm(Plates above 10mm are customized models)
Maximum loading and unloading plate weight	700kg/1250kg/1150kg

Automatic feeding and unloading, continuous and efficient cutting

The automatic loading and unloading of the equipment is completed through the automatic feeding of the suction cup and the automatic unloading of the fork teeth, which can realize 24-hour uninterrupted power cutting, stable operation, automatic and intelligent, and is designed for high efficiency.



GKS-LC3005G

FULLY COVER HIGH-SPEED LASER CLADDING MACHINE

Refuse to deform, higher quality

The heat-affected zone and thermal stress caused by high-speed laser cladding on the base material is small, and it can be directly ground or polished to reduce subsequent processing costs.

Powerful cover, safe and reliable

The overall fully enclosed design effectively prevents the inhalation of metal powder and smoke and creates a safety barrier for operators.

Run efficiently doubles efficiency

The production efficiency is three times that of the traditional cladding industry, and a single piece of equipment can reach 1m²/h.

Sample display



TECHNICAL PARAMETERS

Machine model	GKS-LC3005G
Laser power range	3000W-12000W
Workpiece diameter	Φ<500mm
Equipment maximum load weight	3000kg
X axis distance	500mm
Y axis distance	3000mm
Z axis distance	450mm
Length of processing workpiece	<3000mm
Equipment system	CNC system
Cladding head	G.WEIKE Customized Cladding Head

GKS-LC3008R

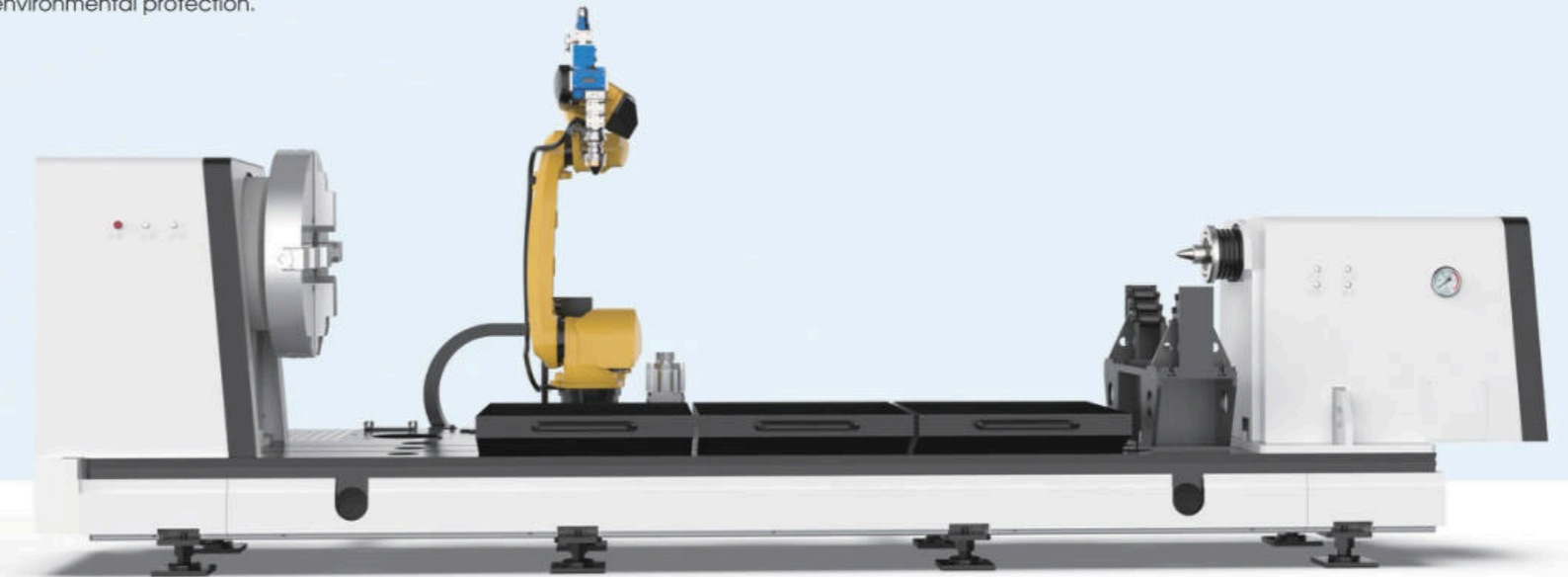
ROBOT INTELLIGENT HIGH-SPEED LASER CLADDING MACHINE

Precise cladding, turning waste into treasure

Improve the surface wear resistance, corrosion resistance and oxidation resistance of parts, repair worn parts, and further extend the service life of parts.

Wide application, energy saving and environmental protection

It supports laser cladding repair of shaft parts, supporting equipment accessories, and mining equipment accessories, with simple operation, energy saving and environmental protection.

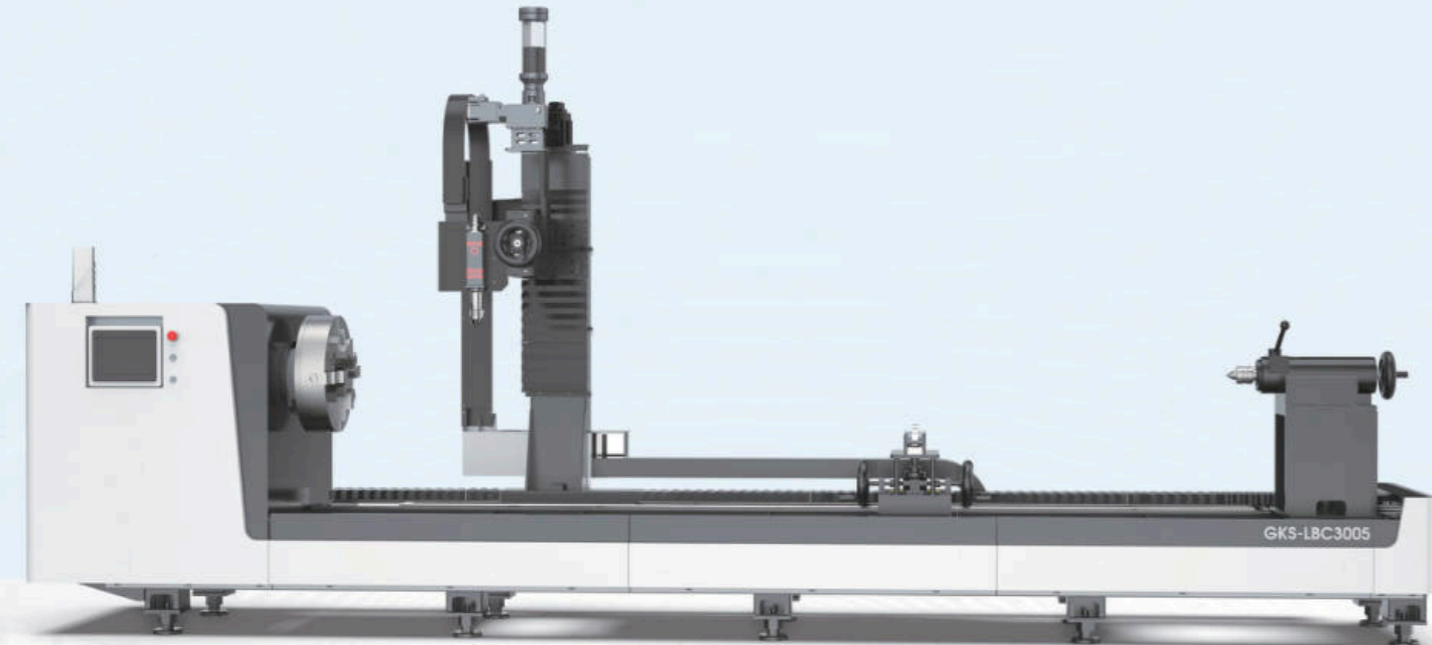


TECHNICAL PARAMETERS

Machine model	GKS-LC3008R
Laser power range	3000W-6000W
Clamping range	Φ≤800mm
Equipment maximum load	3000kg
Length of processing workpiece	≤3000mm
Equipment system	PLC (Omron)
Cladding head	Gweike Cladding Head

GKS-LBC3005

ENTRY-LEVEL LASER CLADDING MACHINE

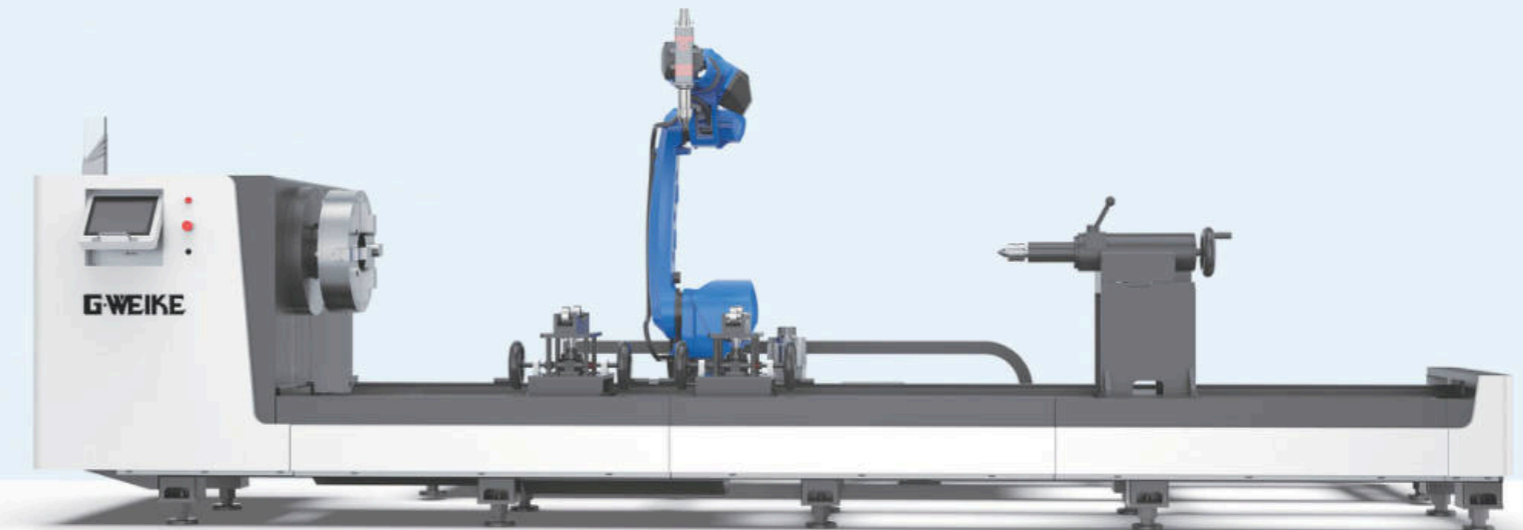


TECHNICAL PARAMETERS

Machine model	GKS-LBC3005
Laser power range	3000W-12000W
Chuck diameter	500mm
Workpiece diameter	$\phi < 800\text{mm}$
Workpiece length	$\leq 3\text{m}$
Equipment maximum load weight	$\leq 3000\text{kg}$
X axis distance	190mm
Y axis distance	3000mm
Z axis distance	350mm
Rotational speed of the rotating shaft	1-200r/min
Cladding head	GWEIKE Customized Cladding Head

GKS-LC3005R

ROBOT INTELLIGENT HIGH-SPEED LASER CLADDING MACHINE



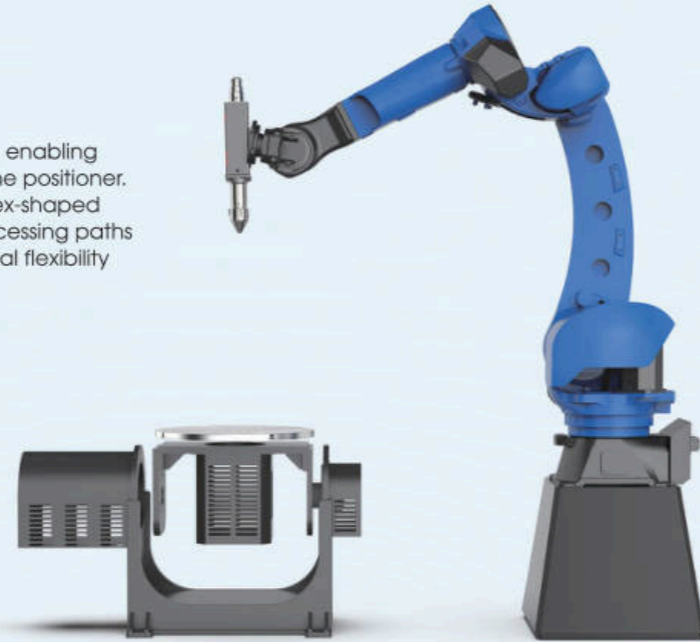
TECHNICAL PARAMETERS

Machine model	GKS-LC3005R
Laser power range	3000W-6000W
Chuck diameter	500mm
Workpiece diameter	$\phi < 800\text{mm}$
Workpiece length	$< 3\text{m}$
Equipment maximum load weight	$< 3000\text{kg}$
Rotational speed of the rotating shaft	1-200r/min
Cladding head	GWEIKE Customized Cladding Head
Robot arm length	2010mm
Robot load weight	12kg

GKS-LZC1500RAL

LASER CLADDING MACHINE WITH MANIPULATOR AND POSITIONER

It incorporates an integrated coordinated control system, enabling synchronized movement between the robotic arm and the positioner. Particularly suited for multi-directional cladding of complex-shaped workpieces, it achieves more continuous and flexible processing paths through unified control, significantly enhancing operational flexibility compared to traditional cladding methods.



TECHNICAL PARAMETERS

Machine model	GKS-LZC1500RAL
Laser power range	3000W-6000W
Robot arm length	2010mm
Robotic arm load weight	12KG
Chuck diameter	500mm; 1000mm; 1600mm
Cladding head	GWEIKE Customized Cladding Head
Positioner rotation angle	360° Infinite Rotation
Positioner flip angle	±90°
Maximum load capacity of a single station of a positioner	< 500kg; < 1000kg; < 2000kg (3 types)

GKS-LZC1500R

LASER CLADDING MACHINE WITH MANIPULATOR AND POSITIONER

Suitable for multi-surface cladding of complex-shaped workpieces, separate control systems for the robotic arm and the positioner, it offers improved positioning flexibility over conventional equipment through individual adjustments.



TECHNICAL PARAMETERS

Machine model	GKS-LZC1500R
Laser power range	3000W-6000W
Robot arm length	2010mm
Robotic arm load weight	12KG
Positioner rotation angle	360° Infinite Rotation
Positioner flip angle	0-120°
Maximum load capacity of a single station of a positioner	1000kg



Intelligent and efficient, meeting more bending needs.

GKS-BC0520P

CNC BENDING CENTER (PRESS ARM TYPE)

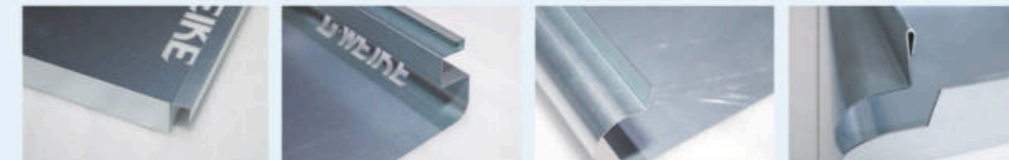
One machine with multiple functions

It can meet the sheet metal bending needs of arc, hollow square type, enclosed type and other complex types, and easily cope with the bending problem of plates with holes in themiddle.

Smart system

The multi-axis concurrent linkage intelligent CNC system can support up to 64 axes and supports two-dimensional drawing process programming.

Sample display



TECHNICAL PARAMETERS

Machine model	GKS-BC0315P/GKS-BC0520P/GKS-BC0825P	Bending angle	0-180 degrees
Maximum bending width	1500mm/2000mm/2500mm	Maximum bending thickness	Ordinary carbon steel 1.5mm; Stainless steel 1.2mm; Aluminum 2mm
Maximum unfolded length of sheet metal	1500mm/2000mm/2500mm	Maximum rapid traverse speed	120m/min
Maximum unfolded width of sheet metal	1250mm	Number of axes	Standard 13 axes
Maximum bending height	200mm	Total weight	12 T/13.7 T/17.6 T
Minimum forming inner dimension on one side	280mm	Dimensions	5000mm*2510mm*2850mm; 5470mm*3200mm*2850mm; 5990mm*3580mm*3050mm
Minimum forming inner dimension on both sides	280mm		
Minimum forming inner dimension on all four sides	280mm x 300mm		
Minimum radius of curvature	6mm		
Maximum bending speed	0.2 seconds/brush		Optional: Robot arm collection

PRESS BRAKE

PRESS BRAKE MACHINE

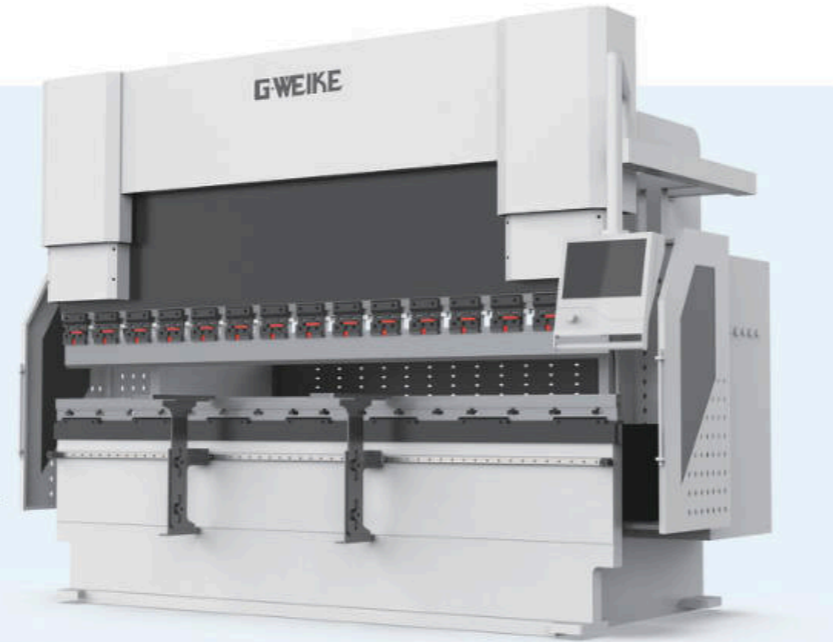
High control accuracy

The electro-hydraulic servo system cooperates with international standard detection components to achieve high synchronous control accuracy, ensuring high bending accuracy and high repeatability positioning accuracy.

Smart and simple

It adopts the Dutch DELEM DA-53T CNC system, which is powerful and easy to operate. It can automatically calculate the total length of the bending workpiece material and realize 2D touch graphic programming.

Sample display



M SERIES

THE WORLD'S FIRST 6-IN-1

Fiber laser cutting/welding/cleaning/handheld cutting CO₂ cutting/CO₂ engraving all-in-one machine.



CNC Gantry Cutting



Laser Welding



Laser Cleaning



Handheld Cutting



CO₂ Laser Cutting



CO₂ Laser Engraving



TECHNICAL PARAMETERS	
Machine model	GWK-10032/GWK-13032/GWK-17032/GWK-20032/GWK-25042
Hydraulic oil capacity	220L/220L/270L/400L/470L
Press capacity(KN)	1000KN/1300KN/1700KN/2000KN/2500KN
Max bending length/MM	3200mm/3200mm/3200mm/3200mm/4200mm
Side distance/MM	2600mm/2600mm/2600mm/2600mm/3400mm
Gap depth/MM	400mm
Opening height/MM	480mm/480mm/480mm/480mm/500mm
Working speed MM/S	10m/s; 10mm/s; 10mm/s; 10mm/s; 8mm/s

Equipment processing format supports customization (press capacity 50-300L, width 600-6000mm)

TECHNICAL PARAMETERS					
Machine model	M800/M1200	M2/M2PRO	M2 MAX/M2 ULTRA	M3/M3PRO	M3 MAX/M3 ULTRA
Laser power	800W/1200W	800W/1200W	800W/1200W	800W Fiber+80W CO ₂ 1200W Fiber+80W CO ₂	800W Fiber+130W CO ₂ 1200W Fiber+130W CO ₂
Cooling method	Air cooling	Air cooling	Air cooling	Air cooling+Water cooling	
Functions	Welding/Cutting/ Rust Removal & Cleaning		Welding/Cutting/Rust Removal & Cleaning/ CNC Metal Cutting		
Auxiliary gas	Nitrogen / Argon / Oxygen				
Power input	100-240V AC, 50/60 Hz				
Cable length	8m				

LCW-1200A | AIR-COOLED LASER WELDING, CUTTING AND CLEANING HANDHELD ALL-IN-ONE MACHINE

Less is more. Small size, light weight, easy to move. With welding/cleaning/cutting three functions to meet different processing needs.

TECHNICAL PARAMETERS	
Machine model	LCW800A/ LCW1200A/ LCW1500A
Laser power	800W/1200W/1500W
Laser wavelength	1080nm
Working voltage	Single phase 220V 50HZ/60HZ
Fiber length	10-20m (Support customization)
Power adjustment range(%)	10-100 (Gradient adjustable)
Laserhead weight	0.8KG
Dimension	580*295*680mm
Cooling method	Forced air cooling



LF1800 | 3D ROBOT FIBER LASER CUTTING ROBOT LF SERIES

Adopt Japan imported Yaskawa robot arm, supporting 360-degree cutting, accurately cutting non-standard shape materials.

TECHNICAL PARAMETERS	
Machine model	LF1800
Laser power	3000/6000W
Laser type	Fiber laser source
Arm radius	1800mm
Repeated positioning accuracy	±0.05mm
Installation method	Loor Stand/Hang Upside Down



COBOT WELDING CLEANING MACHINE

Configured with a collaborative robot arm, it can be integrated into the laser welding cleaning production line to achieve high-precision and high-flexibility operations.

TECHNICAL PARAMETERS						
Machine model	FR3MT	FR3	FR5	FR10	FR16	FR20
Load capacity	3	3	5	10	16	20
Reach	622	622	922	1400	1034	1854
Laser power	1200W/1500W/2000W/3000W					
Laser wavelength	1080nm					
Fiber length	Air cooling 6m; Water cooling 5-20m (Support customization)					
Welding speed	0-55mm/s					
Adjustment welding thickness	0.5-3mm					
Adjustment seam	≥0.5mm					
Working voltage	220V 50Hz/60Hz					
Cooling method	Air cooling/Water cooling					



LW1800 | 3D LASER WELDING MACHINE LW SERIES

Laser welding can be used in the welding of carbon steel, stainless steel, aluminum, and other metals and alloys.

TECHNICAL PARAMETERS	
Machine model	LW1800
Laser power	1500W/3000W
Cooling method	Water cooling
Operating temperature	0°C-40°C
Repeated positioning accuracy	±0.05mm
Rated voltage	220V/380V/50Hz/60Hz



LCW SERIES | THREE IN ONE HANDHELD LASER WELDING, CLEANING, CUTTING MACHINE

The welding seam is smooth and beautiful, the cleaning effect is good, the floor space is small, and it is more flexible and efficient.

TECHNICAL PARAMETERS			
Machine model	LCW1500	LCW2000	LCW3000
Laser power	1500W	2000W	3000W
Laser wavelength	1080nm		
Working voltage	220V/380V 50HZ/60HZ		
Fiber length	10-20m (Support customization)		
Power adjustment range(%)	10-100 (Gradient adjustable)		
Laser head weight	0.8KG		
Dimensions	537*874*1417mm	537*874*1417mm	652*1200*1500mm



LC1390N/LC1610N

SEALED CO₂ LASER TUBE LASER CUTTING MACHINE

TECHNICAL PARAMETERS		
Machine model	LC1390N	LC1610N
Laser power	130W	150W
Cutting area	1300*900mm	1600*1000mm
Whole machine size	1880*1550*1070mm	2290*1775*1072mm
Repeated positioning accuracy	±0.05mm	±0.05mm
Net weight	518kg	650kg



LC SERIES | HAND HELD LASER CLEANING MACHINE LC SERIES

High cleanliness, no damage to the surface of the material, high flexibility, simple operation, easy to use.

TECHNICAL PARAMETERS		
Machine model	LC300	LC500
Laser power	300W	500W
Dimensions	537*874*1417mm	
Scan width	100*100mm	200*200mm
Power adjustment range	10-100 (Gradient adjustable)	
Moving type	Handheld	
Cooling method	air cooling	water cooling
Laser head weight	<0.76KG	<0.9KG
Working voltage	220V/50Hz/60Hz	



LG6040N/LC6090

SEALED CO₂ LASER TUBE LASER CUTTING MACHINE

TECHNICAL PARAMETERS		
Machine model	LG6040N	LC6090
Laser power	100W	150W
Cutting area	600*400mm	600*900mm
Whole machine size	1550*900*1000mm	1990*1010*1072mm
Repeated positioning accuracy	±0.05mm	±0.05mm
Net weight	150kg	200kg



G6/G6 MOPA

FIBER LASER MARKING & ENGRAVING MACHINE



TECHNICAL PARAMETERS	
Machine model	G6/G6 MOPA
Laser power	30W; 50W; 70W; 100W/Mopa 30W; Mopa 60W; Mopa 100W
Laser wavelength	1064nm
Minimum character	0.01mm
Engraving Line speed	< 7000mm/s
Repeatability accuracy	±0.001mm
Operating system	Windows/ MacOS/ Linux
Laser source	Raycus QS/JPT

G7 3W/5W/10W/15W

UV ALL-PURPOSE LASER ENGRAVER MACHINE

Perfect for engraving on glass, silicone, paper, wood, plastic, and more



TECHNICAL PARAMETERS	
Machine model	G7
Laser power	3W/5W/10W/15W
Laser wavelength	355nm
Marking range	110*110mm/150*150mm/175*175mm/200*200mm
Engraving line speed	< 7000mm/s
Repeatability accuracy	±0.001mm
Unit power	< 0.5kw
Control	Lightburn Compatible & EZCAD2
Laser module lifespan	> 100000 hrs

G2 PRO

PORTABLE FIBER LASER ENGRAVING MACHINE



TECHNICAL PARAMETERS	
Laser source	Gweike G2 Pro
Power	20/30W/50W
Standard marking field	110*110mm/150*150mm
Repeat accuracy	±0.001mm
Laser wavelength	1064nm
Marking speed	15000mm/s
Weight	6.5kg
Machine dimensions	260mm(L)*440mm(W)*505mm(H)
Software	Glaser/ Lightburn
Support systems	Windows/ MacOS/ Android/ IOS

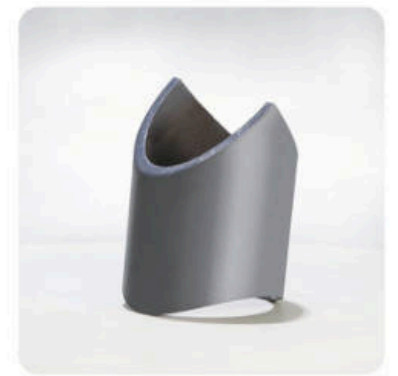
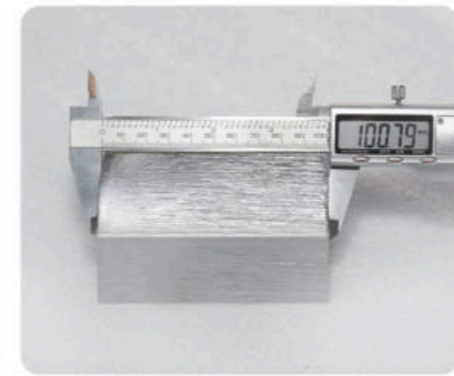
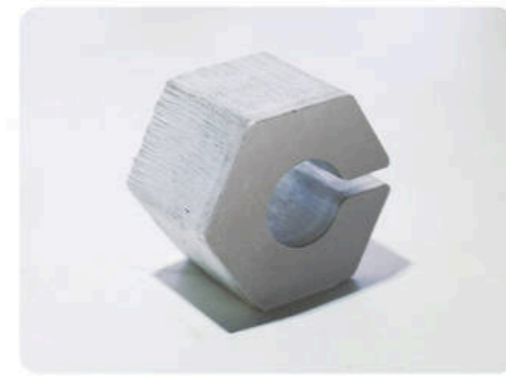
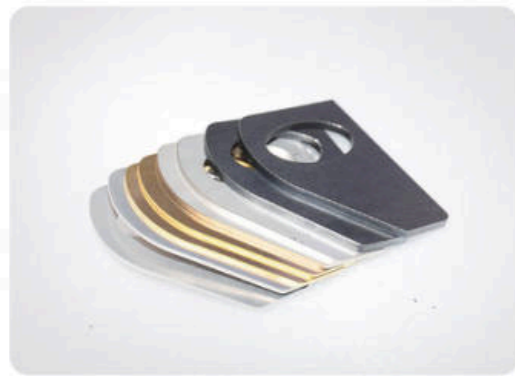
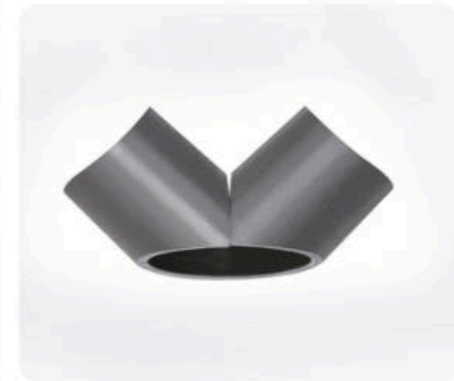
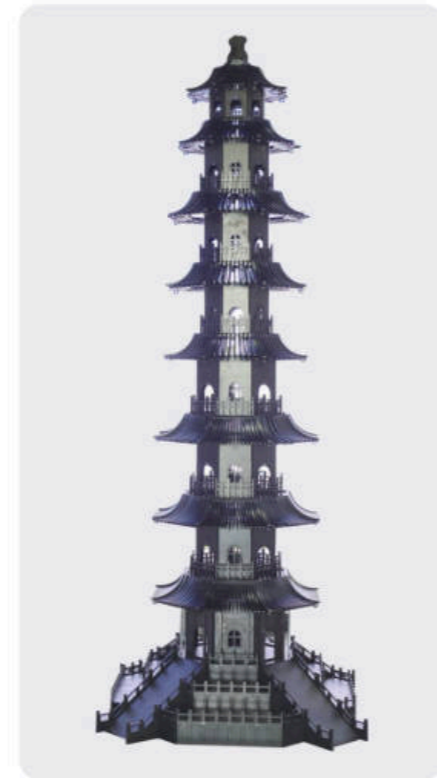
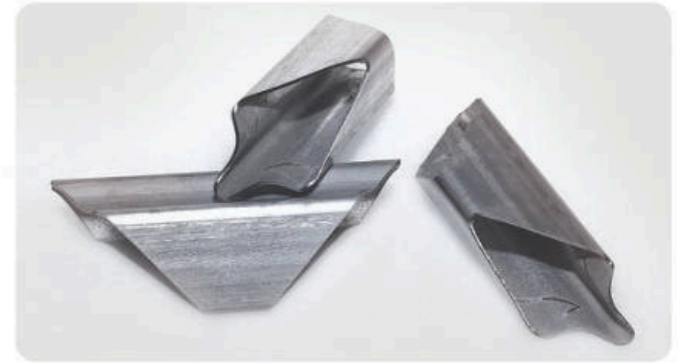
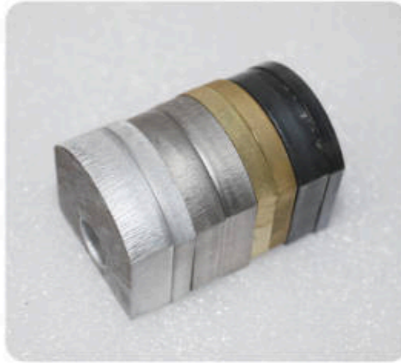
G3

THE WORLD'S 1ST 60W MOPA FIBER & 40W DIODE DUAL LASER ENGRAVER



TECHNICAL PARAMETERS	
Machine model	G3 Basic; G3 Standard; G3 Plus; G3 Pro; G3 Ultra
Power	20W fiber+20W diode/30W fiber+20W diode/50W fiber+20W diode/30W Mopa fiber+40W diode/ 60W Mopa fiber+40W diode
Laser source	Fiber laser & Diode laser
Working area	175x175mm (6.9"x6.9") with conveyor 175x1000mm (6.9"x19.6")
Built-in camera	16MP smart camera
Supported software	Glaser/ Lightburn
Focusing	Autofocus
Engraving precision	0.0027mm
Weight	12.2kg
Cooling method	Air cooling
Supply voltage	110-240V 50-60Hz

THE SAMPLES SHOW



Pipe Machine Technical Parameters								
Material	Thickness (mm)	1500W	3000W	4000W	6000W	12000W	20000W	30000W
		Speed	Speed	Speed	Speed	Speed	Speed	Speed
		(m/min)	(m/min)	(m/min)	(m/min)	(m/min)	(m/min)	(m/min)
Carbon Steel Air	1	8.0-13.0	12.0-16.0	14.0-18.0	15.0-20.0	18.0-22.0	20.0-25.0	22.0-27.0
	2	3.0-5.0	4.5-6.5	5.3-7.3	6.5-8.2	7.5-9.5	10.0-15.0	12.0-18.0
	3		1.2-1.9	2.0-3.0	2.5-3.2	3.0-3.5	4.5-6.8	5.8-8.6
	4			0.5-0.6	2.1-2.3	2.0-2.3	4.0-6.0	4.5-7.0
	5				1.2-1.7	1.8-2.1	3.3-4.3	3.8-5.0
	6					1.2-1.4	2.5-3.6	2.8-4.0
	8					0.9-1.0	2.2-2.9	2.6-3.8
	10						1.5-2.2	2.0-2.5
	12					0.6-0.7		2.0-2.5
	16						0.9-1.3	1.2-1.9
	20						0.6-0.7	0.8-1.5
	22						0.3-0.5	0.7-1.3
	25							0.6-1.1
	30							0.35-0.9
	40							0.3-0.6
50								
60								
Carbon Steel O ₂	1	2.5-3.0	3.8-4.2	4.0-4.5	4.2-5.0	6.0-7.0	8.0-10.0	9.0-10.0
	2	2.5-3.0	3.2-3.6	3.5-4.0	3.3-3.8	4.0-5.0	6.0-8.0	7.0-9.0
	3	2.0-2.5	3.0-3.2	3.0-3.5	3.0-3.6	2.0-2.3	5.0-6.0	5.0-7.0
	4	1.8-2.3	2.7-3.0	2.9-3.2	2.7-3.2	1.8-2.1	3.2-4.0	4.0-5.0
	5	1.8-2.0	2.2-2.5	2.7-2.8	2.2-2.5	1.6-1.9	2.7-3.2	3.0-3.5
	6	1.3-1.5	1.8-2.2	2.4-2.5	2.0-2.3	1.4-1.6	2.0-2.3	2.0-2.3
	8	0.8-1.2	1.0-1.3	1.9-2.1	0.9-1.0	1.2-1.4	1.8-2.0	1.8-2.0
	10		0.9-1.0	1.2-1.5	0.9-1.0	1.2-1.4	1.6-1.8	1.6-1.8
	12		0.6-0.9	0.9-1.0	0.8-0.9	1.0-1.2	1.5-1.6	1.6-1.8
	14				0.5-0.6	0.6-0.7	1.3-1.4	1.5-1.6
	16					0.8-1.1	1.2-1.3	1.4-1.5
	20						1.4-1.5	1.2-1.4
	22					0.4-0.5		1.0-1.3
	25						0.6-0.9	0.8-1.2
	30						0.3-0.6	0.7-1.0
40							0.5-0.7	
50								
60								
70								
80								
90								
100								
160								
Stainless Steel Air/N ₂	1	8.0-13.0	12.0-16.0	14.0-18.0	15.0-20.0	18.0-22.0	20.0-25.0	22.0-27.0
	2	3.0-5.0	6.0-10.0	8.0-12.0	10.0-15.0	13.0-16.0	18.0-20.0	18.0-23.0
	3	3.5-4.5	5.0-6.5	5.0-5.5	7.0-8.0	13.0-15.0	14.0-16.0	13.0-19.0
	4	2.5-3.5	3.0-3.6	3.3-4.0	3.5-4.5	5.0-7.0	7.0-9.0	9.0-12.0
	5	1.2-1.5	2.0-2.7	1.5-2.0	1.8-2.4	6.5-7.5	6.5-10.0	8.0-11.0
	6		1.0-1.2	1.2-1.5	1.2-1.5	5.0-5.5	6.0-8.0	7.0-9.0
	8		0.5-0.6	0.8	0.8	3.0-3.5	5.5-7.5	6.5-8.5
	10				0.5-0.7	2.0-2.3	4.5-7.0	5.5-7.0
	12					1.3-1.5	3.2-4.0	4.5-6.5
	16					1.2-1.4	3.0-3.2	4.0-6.0
	20					0.8-1.1	1.5-2.0	2.0-3.0
	22					0.6-0.9	1.0-1.2	1.5-2.0
	25					0.3-0.7	0.7-1.1	1.0-1.5
	30						0.5-0.8	0.7-1.3
	40							0.5-0.9
50								
60								
70								
80								
90								
100								
160								

Pipe Machine Technical Parameters								
Material	Thickness (mm)	1500W	3000W	4000W	6000W	12000W	20000W	30000W
		Speed	Speed	Speed	Speed	Speed	Speed	Speed
		(m/min)	(m/min)	(m/min)	(m/min)	(m/min)	(m/min)	(m/min)
Aluminum N ₂	1	6.0-8.0	8.0-10.0	10.0-12.0	10.0-16.0	12.0-18.0	15.0-20.0	20.0-23.0
	2	2.5-3.0	5.0-6.0	5.5-6.5	6.0-7.0	6.0-8.0	8.0-10.0	9.0-15.0
	3		2.5-3.0	4.0-5.0	4.5-6.0	4.0-6.0	7.0-9.0	8.0-12.0
	4			1.5-2.0	2.5-3.0	3.0-3.5	5.0-6.0	7.0-10.0
	5			0.6-0.7	1.0-1.2	1.0-1.5	4.0-5.0	6.5-9.0
	6				0.8	0.5-0.9	3.0-4.0	6.0-8.0
	8					0.3-0.4	2.0-3.0	3.0-4.0
	10						1.0-1.6	2.0-3.0
	12						0.8-1.2	1.5-2.0
	16						0.7-1.0	1.5-2.0
	20						0.6-0.8	0.6-0.8
	22						0.3-0.6	0.5-0.8
	25							0.3-0.6
	30							0.4-0.7
	40							0.2-0.6
50								
60								
70								
80								
90								
100								
120								
Brass N ₂	1	5.0-7.0	7.0-8.0	8.0-10.0	9.0-11.0	10.0-13.0	16.0-18.0	18.0-20.0
	2	1.5-1.8	5.0-6.0	5.5-7.0	6.0-7.5	8.0-10.0	8.5-12.0	9.0-15.0
	3	0.8-1.0	2.5-3.0	2.8-3.5	4.5-6.0	5.0-5.5	6.0-7.5	8.5-10.0
	4		1.8-2.2	3.0-4.0	3.5-4.5	4.0-5.5	6.0-7.5	7.0-8.5
	5		0.8-1.0	2.0-2.5	1.5-2.0	3.0-4.5	5.0-6.5	6.5-7.5
	6			0.8-1.0	0.8-1.2	3.0-4.5	5.0-6.5	6.5-7.5
	8				0.8-1.2	2.0-2.5	2.5-3.5	4.0-5.7
	10				0.5-0.8	1.2-1.4	2.0-2.5	3.0-3.9
	12					0.8-1.0	1.5-2.0	2.0-3.2
	15					0.5-0.9	1.2-1.5	1.0-1.9
	18						0.8-1.0	0.7-1.2
	20							0.3-0.6
	25							
	30							
	40							
50								

Note: The above parameters come from GWEIKE Laser's internal test data. Cutting data will vary in cutting speed depending on actual conditions (oxygen purity, pipe quality, auxiliary gas, lens quality, nozzle size, etc.). Therefore, the data are for reference only and are not used as a basis for equipment acceptance or quality traceability. The final right of interpretation belongs to GWEIKE TECH CO., LTD.

Technical Parameters

Material	Thickness (mm)	1500W	3000W	4000W	6000W	8000W	12000W	15000W	20000W	30000W	40000W	60000W	80000W
		Speed	Speed	Speed	Speed	Speed	Speed	Speed	Speed	Speed	Speed	Speed	Speed
		(m/min)	(m/min)	(m/min)	(m/min)	(m/min)	(m/min)	(m/min)	(m/min)	(m/min)	(m/min)	(m/min)	(m/min)
Carbon Steel Air	1	15.0-20.0	28.0-35.0	30.0-38.0	35.0-42.0	38.0-45.0	45.0-60.0	50.0-70.0	60.0-100.0	70.0-100.0	75.0-100.0	85.0-100.0	
	2		28.0-35.0	30.0-38.0	35.0-42.0	38.0-45.0	45.0-60.0	50.0-70.0	60.0-100.0	70.0-100.0	75.0-100.0	85.0-100.0	
	3		2.5-4.5	3.0-5.0	8.0-15.0	18.0-25.0	25.0-35.0	30.0-40.0	45.0-52.0	55.0-65.0	65.0-80.0		
	4				7.0-12.0	15.0-18.0	18.0-26.0	25.0-29.0	30.0-40.0	38.0-50.0	55.0-65.0		
	5				5.0-9.0	10.0-12.0	12.0-20.0	18.0-23.0	23.0-28.0	28.0-32.0	38.0-50.0		
	6				8.0-9.0	9.0-13.0	13.0-19.0	19.0-26.0	25.0-28.0	28.0-32.0	38.0-50.0		
	8				3.0-6.0	5.0-5.5	6.0-8.0	8.0-12.0	12.0-16.0	14.0-18.0	22.0-24.0	25.0-28.0	
	10					5-6.5	6.0-8.5	8.0-12.0	12.0-16.0	14.0-18.0	22.0-24.0	25.0-28.0	
	12					4.0-4.6	5.0-6.0	7.0-10.0	10.0-12.0	12.0-14.0	16.0-20.0	22.0-24.0	
	16						6.5-7.0	8.0-9.5	10.0-12.0	14.0-17.0	16.0-20.0		14.0-16.0
	20						6.5-7.0	8.0-9.5	10.0-12.0	14.0-17.0	16.0-20.0		14.0-16.0
	22						4.5-5.5	7.0-8.0	9.0-10.0	10.0-12.0	12.0-14.0		12.0-14.0
	25						2.9-3.5	5.5-7.5	7.0-9.0	8.0-9.0	10.0-12.0		10.0-12.0
	30						2.0-3.2	5.0-5.5	6.5-7.5	8.0-9.0	10.0-12.0		10.0-12.0
40							3.0-4.0	4.5-5.5	7.0-8.0	8.0-9.0		10.0-12.0	
50							1.5-2.0	2.8-3.4	4.0-5.0	4.0-5.0		4.0-5.0	
60							0.7-1.0	1.5-2.0	3.0-4.0	3.0-4.0		3.0-4.0	
									1.0-1.4	2.0-2.5		2.0-2.5	
Carbon N ₂	1	18.0-25.0	25.0-38.0	30.0-44.0	35.0-48.0	60.0-70.0	66.0-80.0	70.0-90.0	80.0-95.0	83.0-100.0	86.0-100.0	87.0-100.0	
Carbon Steel O ₂	2	3.8-5.0	5.5-7.0	5.5-7.7	6.0-8.25	6.8-7.2	7.2-7.8	7.5-8.2	7.8-8.5	8.0-10.0	4.5-5.0	4.5-5.0	
	3	2.8-3.8	3.6-5.0	3.7-5.5	4.0-5.5	4.8-5.5	5.2-5.8	5.5-6.0	5.8-6.3	6.0-7.0	3.5-4.2	3.5-4.2	
	4	2.3-3.5	3.0-4.5	3.5-4.6	3.5-5.0	3.8-4.3	4.2-4.6	4.5-5.2	4.8-5.5	5.0-6.5	3.3-3.8	3.3-3.8	
	5	1.6-2.5	2.5-3.3	2.5-4.0	3.0-4.2	3.3-4.3	3.8-4.7	4.0-5.0	4.3-4.8	4.5-5.0	3.0-3.6	3.0-3.6	
	6	1.4-1.8	2.3-2.8	2.5-3.5	2.6-3.5	3.0-3.4	3.5-4.0	4.0-4.5	4.2-4.8	4.4-5.0	2.7-3.2	2.7-3.2	
	8	0.9-1.3	1.8-2.2	2.0-2.8	2.0-2.8	2.3-3.0	2.6-3.3	3.0-3.6	3.5-4.0	4.0-4.5	2.2-2.5	2.2-2.5	
	10	0.8-1.2	1.2-1.6	1.2-2.2	1.8-2.3	2.0-2.5	2.5-3.0	2.6-3.0	2.8-3.2	3.0-3.5	2.0-2.3	2.0-2.3	
	12	0.7-1.0	1.0-1.3	1.0-1.7	1.6-2.1	1.7-2.2	2.0-2.3	2.5-3.0	2.7-3.2	2.8-3.4	1.8-2.0	1.8-2.0	
	16	0.5-0.7	0.6-0.9	0.7-1.0	0.7-1.0	1.2-1.4	1.4-1.6	1.7-2.0	1.9-2.3	2.0-2.5	1.6-1.8	1.6-1.8	1.6-1.8
	20		0.5-0.8	0.6-0.9	0.5-0.9	1.0-1.1	1.2-1.5 (rapid 2.1)	1.3-1.6	1.5-1.8	1.6-2.0	1.5-1.6	1.5-1.6	1.6-1.7
	22			0.5-0.8	0.5-0.7	0.9-1.0	0.9-1.2	1.1-1.3	1.3-1.6	1.4-1.5	1.2-1.5	1.5-1.6	1.6-1.7
	25				0.4-0.6	0.6-0.7	0.6-0.9	0.9-1.2	1.0-1.4	1.3-1.5	1.2-1.4	1.2-1.4	1.2-1.4
	30					0.3-0.6	0.5-0.8	0.6-0.8	0.8-1.2	1.2-1.4	1.2-1.3	1.2-1.3	1.2-1.3
	40						0.25-0.33	0.4-0.7	0.7-0.9	0.9-1.1	0.9-1.1	0.9-1.1	0.9-1.1
	50							0.2-0.25	0.3-0.5	0.6-0.8	0.75-0.9	0.8-1.0	0.8-1.0
	60							0.18-0.2	0.2-0.25	0.2-0.28	0.6-0.9	0.75-0.9	0.75-0.9
	70								0.18-0.2	0.19-0.22	0.5-0.7	0.7-0.8	0.7-0.8
	80									0.4-0.6	0.6-0.7	0.7-0.8	0.7-0.8
90									0.3-0.4	0.6-0.75	0.6-0.7	0.6-0.7	
100									0.2-0.3	0.5-0.6	0.5-0.6	0.5-0.6	
160										0.15-0.25	0.15-0.25	0.15-0.25	
200											0.15-0.2	0.15-0.2	
Stainless Steel Air	1	18.0-30.0	32.0-40.0	35.0-50.0	55.0-70.0	65.0-75.0	70.0-85.0	80.0-95.0	83.0-100.0	85.0-100.0	87.0-100.0	85.0-100.0	
	2	8.0-12.0	14.0-18.0	16.0-23.0	32.0-45.0	40.0-50.0	45.0-55.0	48.0-55.0	55.0-70.0	68.0-80.0	75.0-100.0	85.0-100.0	
	3	3.0-4.0	8.0-12.0	8.0-14.0	20.0-28.0	27.0-33.0	30.0-38.0	35.0-40.0	45.0-52.0	56.0-65.0	65.0-80.0	85.0-100.0	
	4	2.0-3.0	5.5-8.0	6.0-10.0	13.0-18.0	15.0-20.0	25.0-30.0	30.0-40.0	38.0-45.0	40.0-50.0	55.0-65.0	65.0-80.0	
	5	1.2-1.8	3.5-5.0	4.5-6.0	10.0-15.0	12.0-16.0	16.0-19.0	18.0-23.0	23.0-28.0	27.0-33.0	38.0-50.0	55.0-65.0	
	6	0.5-0.8	2.5-3.0	2.8-4.8	7.0-10.0	9.0-11.0	13.0-17.0	18.0-23.0	24.0-28.0	25.0-30.0	28.0-32.0	38.0-50.0	
	8		1.2-1.5	1.8-3.0	4.5-6.0	5.5-6.0	9.0-11.0	8.0-12.0	14.0-16.0	20.0-24.0	22.0-25.0	25.0-28.0	
	10		0.8-1.2	0.85-1.8	2.0-3.0	4.0-4.5	6.5-8.0	6.8-8.5	9.0-12.0	15.0-20.0	17.0-23.0	22.0-24.0	
	12			0.65-1.0	1.4-1.8	2.5-3.5	5.5-6.0	5.5-6.5	8.0-10.0	12.5-15.0	13.0-16.0	16.0-20.0	
	16				0.8-1.0	1.3-2.0	2.2-2.8	4.5-5.5	5.5-6.5	8.0-9.0	9.0-11.5	13.0-14.5	14.0-16.0
	20						1.5-2.0	1.9-2.1	2.7-3.2	4.5-5.5	7.0-9.0	9.0-10.5	12.0-13.0
	25								1.8-2.5	2.5-3.0	7.0-7.8	9.0-10.5	
	30								1.4-1.6	1.5-2.2	5.0-6.0	7.0-8.0	
	40								0.5-0.8	0.8-1.0	1.7-2.2	4.0-4.5	
	50								0.3-0.4	0.3-0.45	0.7-1.0	3.0-3.5	
	60								0.14-0.18	0.16-0.2	0.4-0.6	1.8-2.2	
	70								0.1-0.13	0.1-0.15	0.3-0.4	1.0-1.2	
	80								0.05	0.25-0.3	0.7-0.8	0.8-1.0	
90									0.2-0.25	0.5-0.6	0.7-0.9		
100									0.15-0.2	0.4-0.5	0.6-0.75		
150										0.15-0.2	0.2-0.3		
200											0.1-0.15		

Technical Parameters

Material	Thickness (mm)	1500W	3000W	4000W	6000W	8000W	12000W	15000W	20000W	30000W	40000W	60000W	80000W
		Speed	Speed	Speed	Speed	Speed	Speed	Speed	Speed	Speed	Speed	Speed	Speed
		(m/min)	(m/min)	(m/min)	(m/min)	(m/min)	(m/min)	(m/min)	(m/min)	(m/min)	(m/min)	(m/min)	(m/min)
Carbon Steel Air	1	20.0-26.0	31.0-38.5	33.0-45.0	50.0-65.0	63.0-66.0	70.0-80.0	75.0-90.0	80.0-100.0	82.0-100.0	87.0-100.0	85.0-100.0	
	2	7.0-10.0	12.0-16.5	15.0-20.0	30.0-40.0	40.0-44.0	44.0-48.0	46.0-50.0	50.0-60.0	63.0-75.0	68.0-80.0	75.0-100.0	
	3	4.5-5.5	7.0-10.0	7.5-12.0	18.0-25.0	25.0-28.0	28.0-35.0	30.0-38.0	35.0-45.0	52.0-58.0	56.0-65.0	65.0-80.0	
	4	2.0-2.5	5.0-7.2	5.5-9.0	10.0-15.5	15.0-18.0	20.0-26.0	22.0-28.0	30.0-32.0	35.0-43.0	40.0-50.0	55.0-65.0	
	5	1.5-2.0	1.8-2.4	4.0-5.5	8.0-13.5	12.0-14.0	15.0-20.0	16.0-22.0	24.0-28.0	25.0-30.0	29.0-32.0	38.0-50.0	
	6	0.6-0.9	1.0-1.6	2.6-4.5	6.0-9.0	9.0-9.5	11.0-13.0	12.0-15.0	20.0-25.0	22.0-25.0	28.0-32.0	38.0-50.0	
	8		1.2-2.0	1.6-2.8	4.0-5.5	5.0-5.3	7.0-7.5	7.5-8.5	14.0-17.0	18.0-22.0	20.0-23.0	25.0-28.0	
	10		0.7-1.0	1.6-2.8	3.8-4.0	5.0-5.5	5.0-5.5	5.5-6.5	10.0-13.0	14.0-18.0	16.0-21.0	22.0-24.0	
	12			0.5-0.9	1.2-1.6	2.5-2.7	3.0-3.5	3.3-4.0	9.0-10.0	12.0-14.0	16.0-21.0	16.0-20.0	
	14				0.8-1.2	1.8-1.9	2.3-2.8	2.5-3.0	7.0-8.5	8.0-10.0	10.0-12.0	14.0-17.0	
	16				1.3-1.5	2.1-2.5	2.3-2.8	2.5-3.0	5.0-6.0	7.0-8.0	9.0-11.0	13.0-14.0	13.0-14.0
	20				0.7-0.8	1.4-1.7	1.5-1.9	2.5-3.0	4.0-5.0	7.0-8.5	9.0-10.0	9.0-10.0	9.0-10.0
	25				0.5-0.6	0.7-1.0	0.9-1.2	1.4-1.8	2.0-2.5	4.5-5.5	6.5-7.5	6.5-7.5	6.5-7.5
	30					0.5-0.7	0.6-0.8	0.9-1.2	1.2-2.0	3.0-4.0	5.0-6.0	5.0-6.0	5.0-6.0
35					0.4-0.5	0.5	0.55-0.8	0.7-1.0	1.8-3.0	3.5-4.5	3.5-4.5	3.5-4.5	
40					0.3	0.4	0.4-0.5	0.6-0.8	1.5-2.0	3.0-3.5	3.0-3.5	3.0-3.5	
50					0.2	0.25	0.3-0.35	0.3-0.4	0.5-0.8	1.8-2.2	1.8-2.2	1.8-2.2	
60													

Cost Analysis

Laser power	Assisted gas Consumption	Option I:Using air compressor Cutting Stainless steel	Option II :using O ₂ Cutting Stainless steel	Option III :using N ₂ Cutting Stainless steel	
1500W	Power Consumption	Laser power	4.5kw	4.5kw	4.5kw
		Water Chiller Group	3kw	3kw	3kw
		Host Machine	6kw	6kw	6kw
		Dust Exhausting Equipment	3kw	3kw	3kw
	Consumable Part		2.5 RMB/h	2.5 RMB/h	2.5 RMB/h
	Gas Consumption		15kw	(About) 25 RMB/h	(About) 100 RMB/h
	Total Power		31.5 kw	16.5 kw	16.5kw
	Average Power Consumption(Take 60% Cutting Efficiency)		31.5x60%=18.9 kw	16.5x60%=9.9 kw	16.5x60%=9.9 kw
All Cost(1RMB/kwh)		18.9+2.5=21.4RMB/h	9.9+25+2.5=37.4RMB/h	9.9+100+2.5=112.4RMB/h	

3000W	Power Consumption	Laser power	9kw	9kw	9kw
		Water Chiller Group	5kw	5kw	5kw
		Host Machine	10kw	10kw	10kw
		Dust Exhausting Equipment	3kw	3kw	3kw
	Consumable Part		2.5 RMB/h	2.5 RMB/h	2.5 RMB/h
	Gas Consumption		15kw	(About) 25 RMB/h	(About) 100 RMB/h
	Total Power		42kw	27kw	27kw
	Average Power Consumption(Take 60% Cutting Efficiency)		42x60%=25.2kw	27x60%=16.2 kw	27x60%=16.2 kw
All Cost(1RMB/kwh)		25.2+2.5=27.7 RMB/h	16.2+25+2.5=43.7RMB/h	16.2+100+2.5=118.7RMB/h	

6000W	Power Consumption	Laser power	18kw	18kw	18kw
		Water Chiller Group	7.5kw	7.5kw	7.5kw
		Host Machine	10kw	10kw	10kw
		Dust Exhausting Equipment	11kw	11kw	11kw
	Consumable Part		2.5 RMB/h	2.5 RMB/h	2.5 RMB/h
	Gas Consumption		15kw	(About) 25 RMB/h	(About) 100 RMB/h
	Total Power		61.5 kw	46.5 kw	46.5 kw
	Average Power Consumption(Take 60% Cutting Efficiency)		61.5x60%=36.9 kw	46.5x60%=27.9 kw	46.5x60%=27.9 kw
All Cost(1RMB/kwh)		36.9+2.5=39.4RMB/h	27.9+25+2.5=55.4RMB/h	27.9+100+2.5=130.4RMB/h	

12000W	Power Consumption	Laser power	36kw	36kw	36kw
		Water Chiller Group	14kw	14kw	14kw
		Host Machine	16kw	16kw	16kw
		Dust Exhausting Equipment	11kw	11kw	11kw
	Consumable Part		2.5 RMB/h	2.5 RMB/h	2.5 RMB/h
	Gas Consumption		22kw	(About) 25 RMB/h	(About) 100 RMB/h
	Total Power		99 kw	77 kw	77 kw
	Average Power Consumption(Take 60% Cutting Efficiency)		99x60%=59.4 kw	77x60%=46.2 kw	77x60%=46.2 kw
All Cost(1RMB/kwh)		59.4+2.5=61.9 RMB/h	46.2+2.5+25=73.7 RMB/h	46.2+2.5+100=148.7 RMB/h	

Remark: The price of electricity and gas in this form will vary according to different regions. All the above prices are for reference only.

Cost Analysis

Laser power	Assisted gas Consumption	Option I:Using air compressor Cutting Stainless steel	Option II :using O ₂ Cutting Stainless steel	Option III :using N ₂ Cutting Stainless steel	
20000W	Power Consumption	Laser power	57kw	57kw	57kw
		Water Chiller Group	20kw	20kw	20kw
		Host Machine	16kw	16kw	16kw
		Dust Exhausting Equipment	11kw	11kw	11kw
	Consumable Part		5 RMB/h	5 RMB/h	5 RMB/h
	Gas Consumption		22kw	(About) 40 RMB/h	(About) 150 RMB/h
	Total Power		126kw	104 kw	104 kw
	Average Power Consumption(Take 60% Cutting Efficiency)		126x60%=75.6 kw	104x60%=62.4 kw	104x60%=62.4 kw
All Cost(1RMB/kwh)		75.6+5= 80.6 RMB/h	62.4+40+5=107.4RMB/h	62.4+150+5=217.4RMB/h	

30000W	Power Consumption	Laser power	85kw	85kw	85kw
		Water Chiller Group	32kw	32kw	32kw
		Host Machine	16kw	16kw	16kw
		Dust Exhausting Equipment	11kw	11kw	11kw
	Consumable Part		5.0RMB/h	5.0 RMB/h	5.0 RMB/h
	Gas Consumption		37kw	(About) 40 RMB/h	(About) 150 RMB/h
	Total Power		181 kw	144 kw	144 kw
	Average Power Consumption(Take 60% Cutting Efficiency)		181x60%=108.6kw	144x60%=86.4kw	144x60%=86.4kw
All Cost(1RMB/kwh)		108.6+5.0=113.6 RMB/h	86.4+5.0+40=131.4 RMB/h	86.4+5.0+150=241.4 RMB/h	

40000W	Power Consumption	Laser power	120kw	120kw	120kw
		Water Chiller Group	44kw	44kw	44kw
		Host Machine	16kw	16kw	16kw
		Dust Exhausting Equipment	11kw	11kw	11kw
	Consumable Part		5.0RMB/h	5.0 RMB/h	5.0 RMB/h
	Gas Consumption		37kw	(About) 40 RMB/h	(About) 150 RMB/h
	Total Power		228 kw	191 kw	191 kw
	Average Power Consumption(Take 60% Cutting Efficiency)		228x60%=136.8kw	191x60%=114.6kw	191x60%=114.6kw
All Cost(1RMB/kwh)		136.8+5.0=141.8 RMB/h	114.6+5.0+40=159.6 RMB/h	114.6+5.0+150=269.6 RMB/h	

60000W	Power Consumption	Laser power	180kw	180kw	180kw
		Water Chiller Group	59kw	59kw	59kw
		Host Machine	16kw	16kw	16kw
		Dust Exhausting Equipment	11kw	11kw	11kw
	Consumable Part		5.0RMB/h	5.0 RMB/h	5.0 RMB/h
	Gas Consumption		37kw	(About) 40 RMB/h	(About) 150 RMB/h
	Total Power		303 kw	266 kw	266 kw
	Average Power Consumption(Take 60% Cutting Efficiency)		303x60%=181.8kw	266x60%=159.6kw	266x60%=159.6kw
All Cost(1RMB/kwh)		181.8+5.0=186.8 RMB/h	159.6+5.0+40=204.6 RMB/h	159.6+5.0+150=314.6RMB/h	

80000W	Power Consumption	Laser power	240kw	240kw	240kw
		Water Chiller Group	88kw	88kw	88kw
		Host Machine	16kw	16kw	16kw
		Dust Exhausting Equipment	11kw	11kw	11kw
	Consumable Part		5.0RMB/h	5.0 RMB/h	5.0 RMB/h
	Gas Consumption		37kw	(About) 40 RMB/h	(About) 150 RMB/h
	Total Power		392 kw	355 kw	355 kw
	Average Power Consumption(Take 60% Cutting Efficiency)		392x60%=235.2kw	355x60%=213kw	355x60%=213kw
All Cost(1RMB/kwh)		235.2+5.0=240.2 RMB/h	213+5.0+40=258 RMB/h	213+5.0+150=368 RMB/h	

WORLD TOUR EXHIBITION



QUALITY COMES FROM MULTIPLE GUARANTEES

Standardized processes for high-quality delivery



Strict control of the entire processing process



Professional engineer team to serve you



*The appearance of the equipment is subject to the actual delivery *All technical parameters are subject to the technical solution provided

STRATEGIC PARTNERS

