

## 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.



Established In  
**2004** Year

Production Base  
**200000+** m<sup>2</sup>

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.



# GKS-12015S

## PROFESSIONAL SHAPED STEEL LASER CUTTING MACHINE

### Plate & section steel dual-use

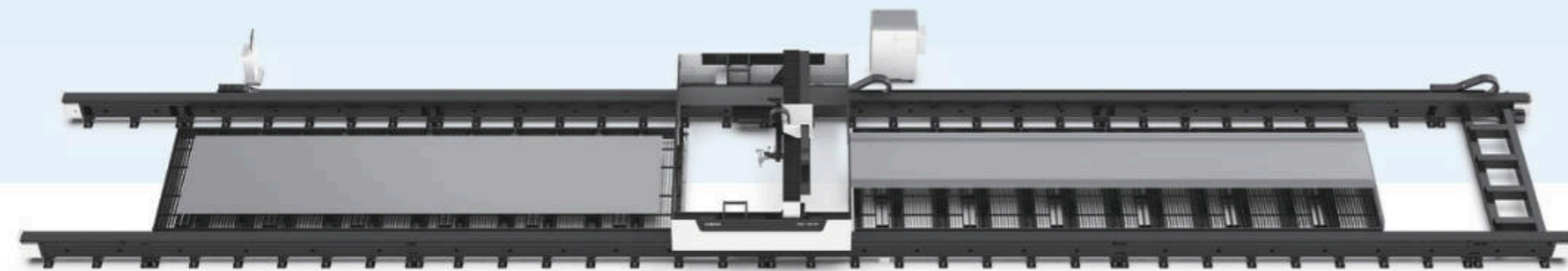
Supporting section steel and plate processing, one equipment can meet various processing needs.

### All-in-one design

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

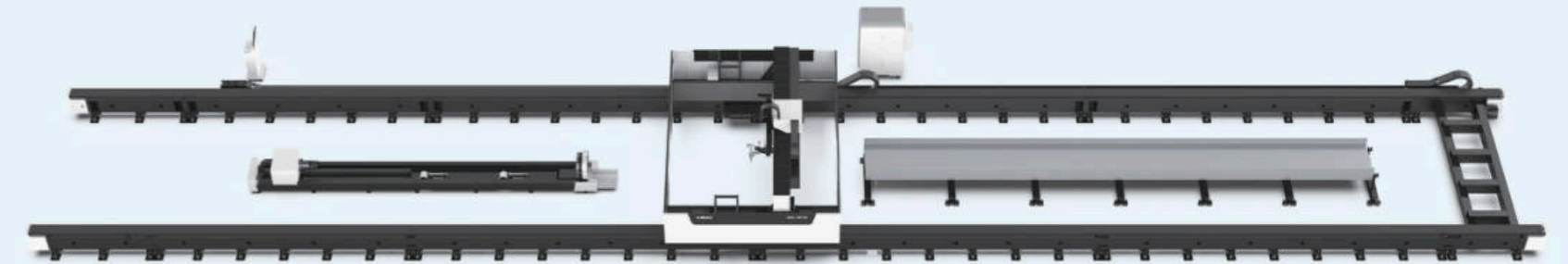
### Tekla one-click nesting

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



### Application industry

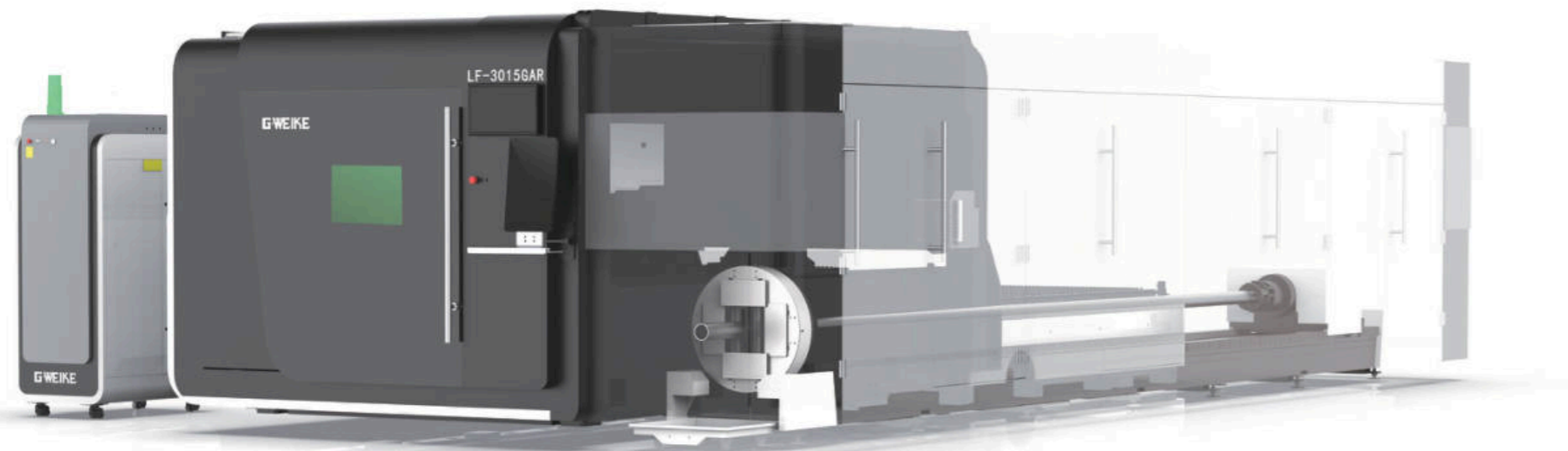
Steel structure industry.



### 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 $\Phi$ 20-240mm Square pipe $\square$ 20-240mm Square Clamp 280: Round pipe $\Phi$ 20-280mm Square pipe $\square$ 20-280mm Round Clamp 350: Round pipe $\Phi$ 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		



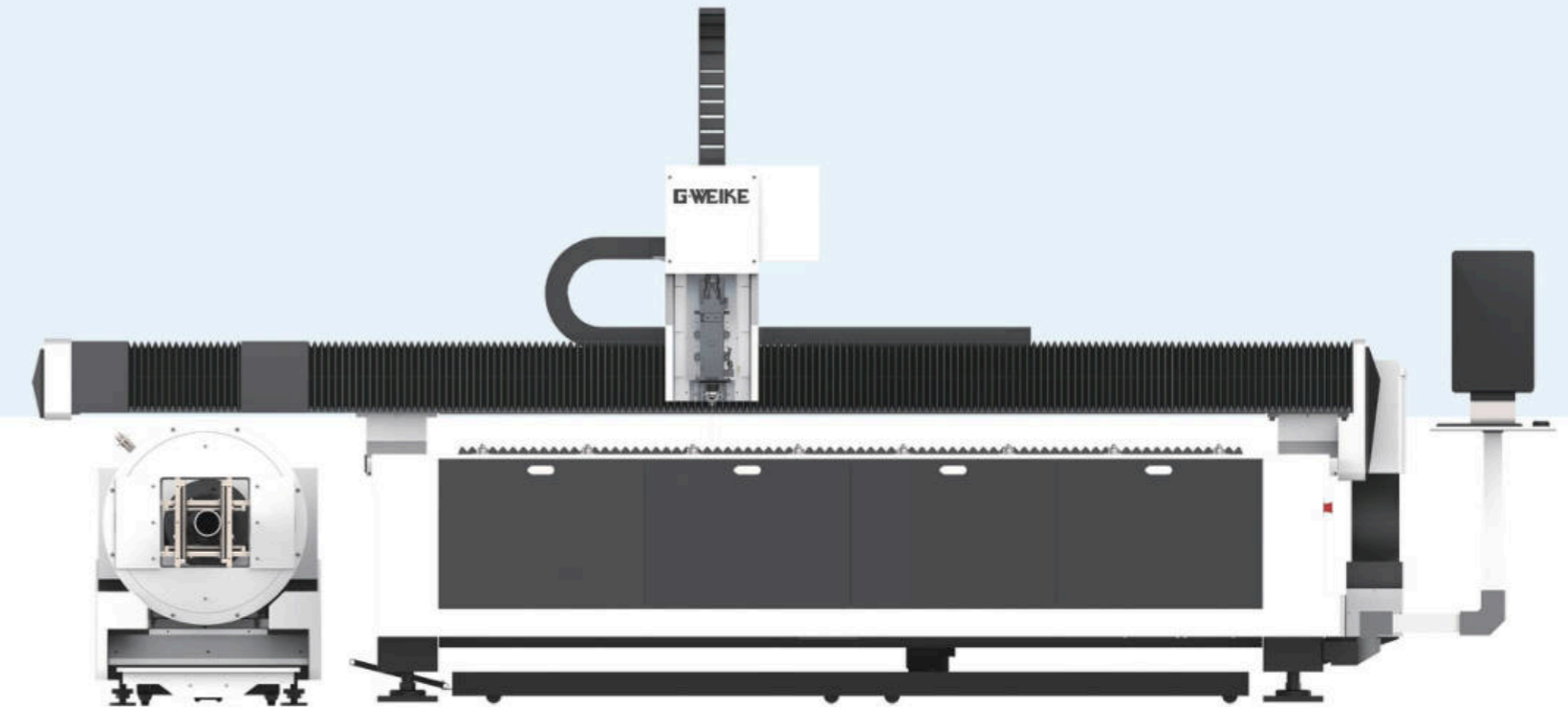
# LNR SERIES

## 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  $\pm 135^\circ$  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.

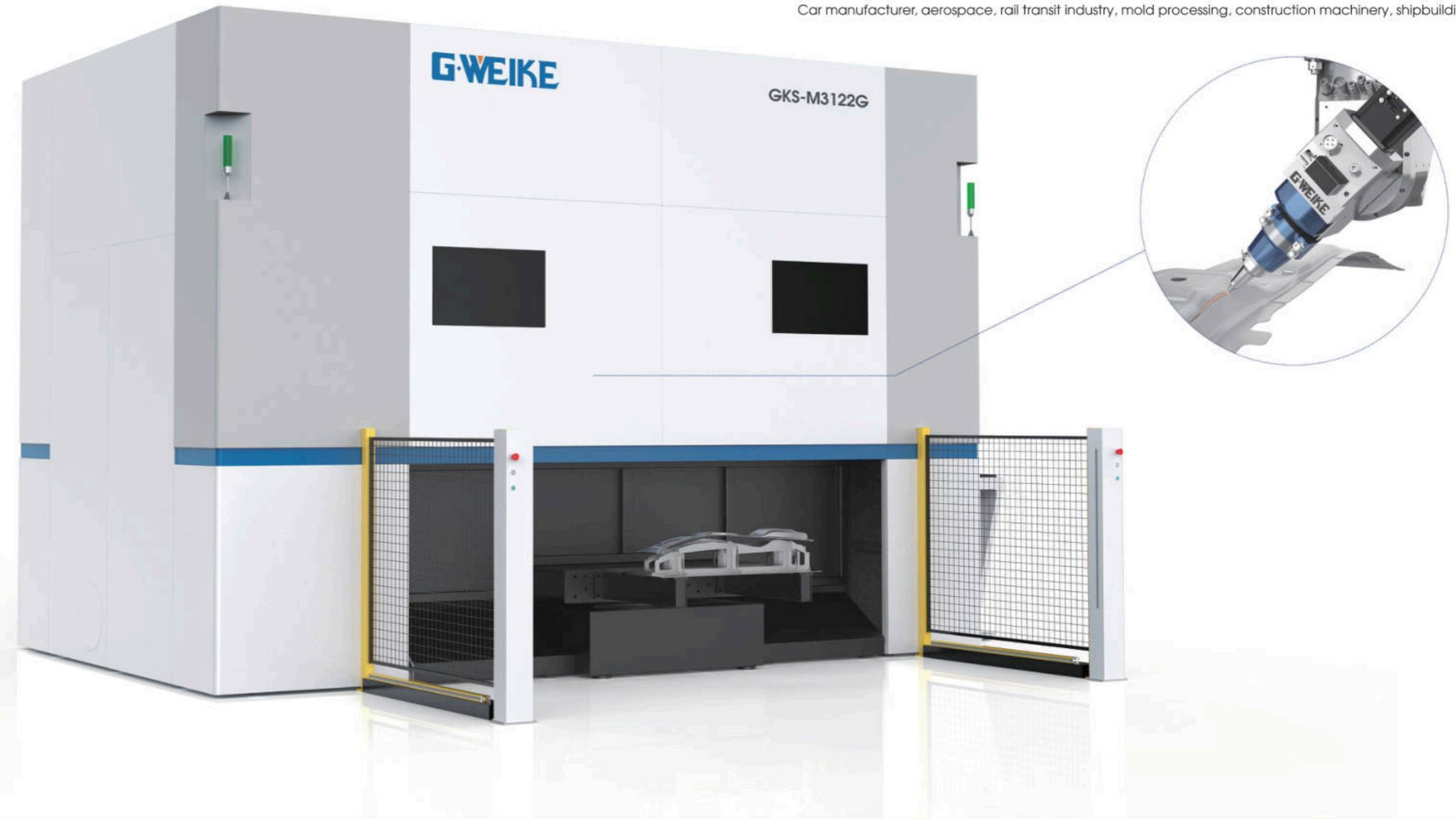
TECHNICAL PARAMETERS		
Machine model	GKS-M3122G	GKS-M4025G
Distance	X axis $\geq 3100\text{mm}$ , Y axis $\geq 2200\text{mm}$ Z axis $\geq 650\text{mm}$	X axis $\geq 4000\text{mm}$ , Y axis $\geq 2500\text{mm}$ Z axis $\geq 650\text{mm}$
Speed	X/Y/Z axis $\geq 80\text{m/min}$	X/Y/Z axis $\geq 80\text{m/min}$
Acceleration	X/Y/Z axis $\geq 1\text{g}$	X/Y/Z axis $\geq 1\text{g}$
Positioning accuracy	X/Y/Z axis $\pm 0.05\text{mm}$	X/Y/Z axis $\pm 0.05\text{mm}$
Repeat positioning accuracy	X/Y/Z axis $\pm 0.03\text{mm}$	X/Y/Z axis $\pm 0.03\text{mm}$
Three-dimensional five-axis cutting head		
Distance	C axis N°360°, A axis $\pm 135^\circ$	C axis N°360°, A axis $\pm 135^\circ$
Speed	C/A axis $\geq 90\text{r/min}$	C/A axis $\geq 90\text{r/min}$
Acceleration	C/A axis $\geq 90\text{rad/s}^2$	C/A axis $\geq 90\text{rad/s}^2$
Positioning accuracy	C/A axis $\pm 0.015^\circ$	C/A axis $\pm 0.015^\circ$
Repeat positioning accuracy	C/A axis $\pm 0.005^\circ$	C/A axis $\pm 0.005^\circ$

### Sample display



### Application field

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

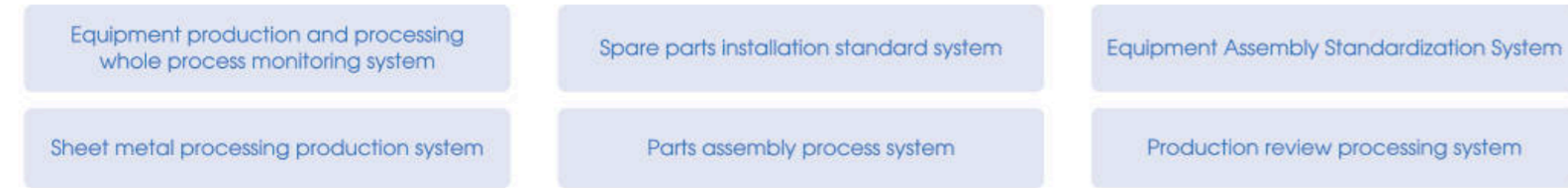


WORLD TOUR EXHIBITION



## 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

