

## Gweike Tech Co.,Ltd.

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Metal Component Fabrication Factory Address:

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## 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

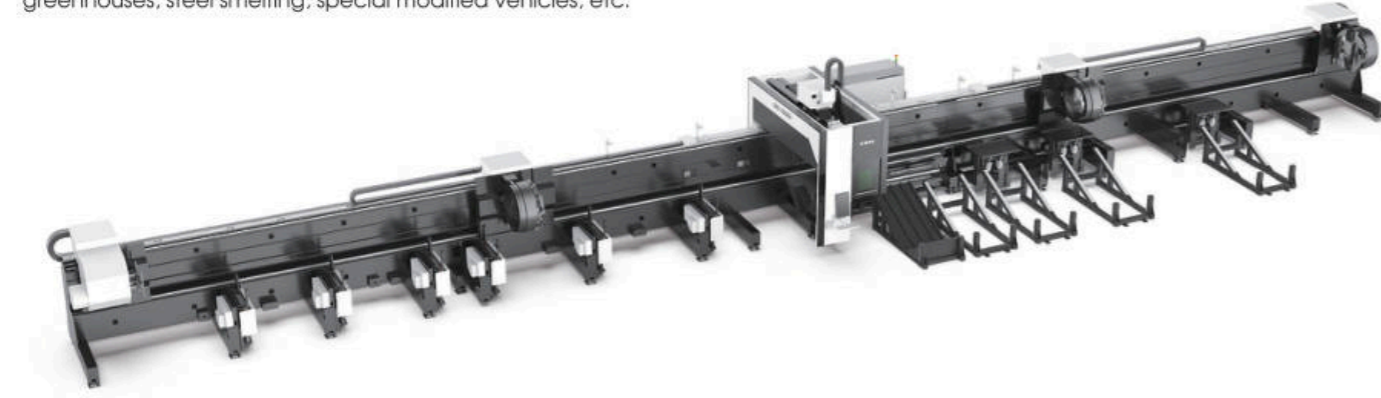
# HONOR CERTIFICATE

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.



### 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 $\Phi$ 30-350mm $\Phi$ 40-500mm $\Phi$ 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	$\pm 0.05$ mm/m
X/Y axis repeat positioning accuracy	$\pm 0.05$ 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

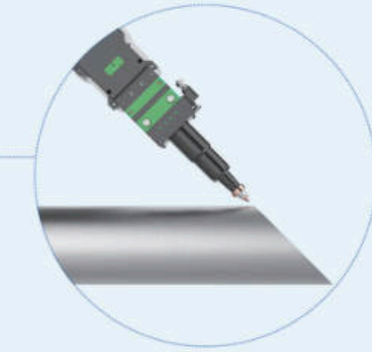
It ensures unloading for the last round or loading for the next round, while carrying out pipe cutting. Seamless collaboration, remarkable efficiency.

### 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.

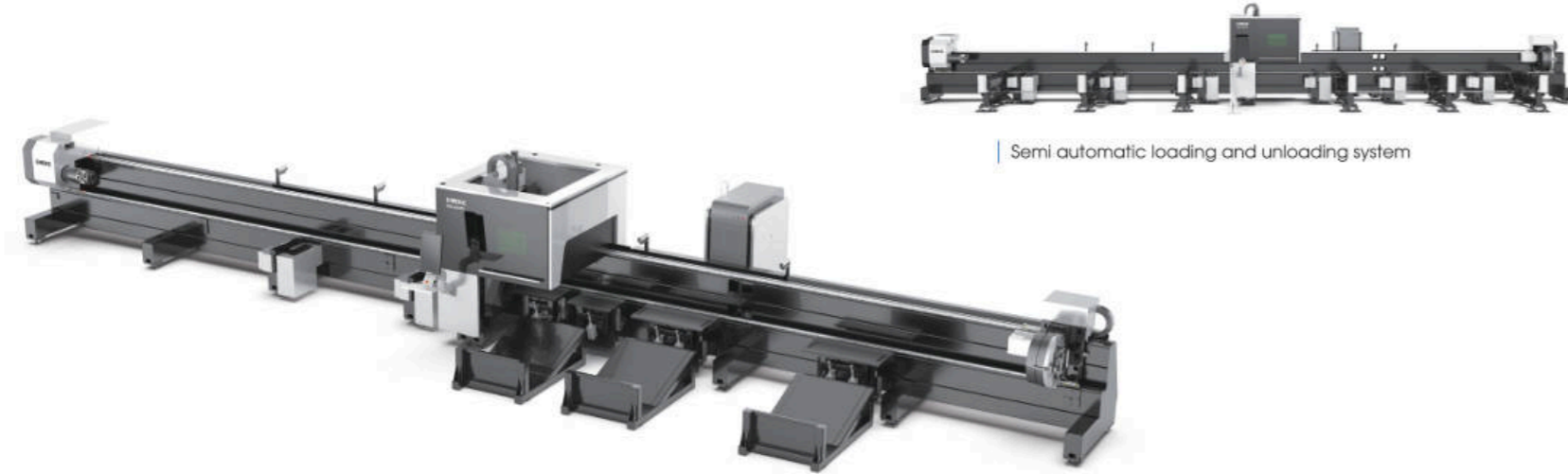


Bevel cutting head(option)



### 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 $\Phi$ 20-240mm Square pipe $\square$ 20-240mm	Round pipe $\Phi$ 30-350mm Square pipe $\square$ 30-350mm	Round pipe $\Phi$ 40-500mm $\Phi$ 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:  $\Phi$ 20-220mm  $\square$ 20-150mm

Semi automatic loading and unloading system  
Loading Range:  $\Phi$ 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 $\Phi$ 20-240mm/ $\Phi$ 20-280mm/ $\Phi$ 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 $\Phi$ 20-240mm/ $\Phi$ 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 $\Phi$ 10-120mm $\Phi$ 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.

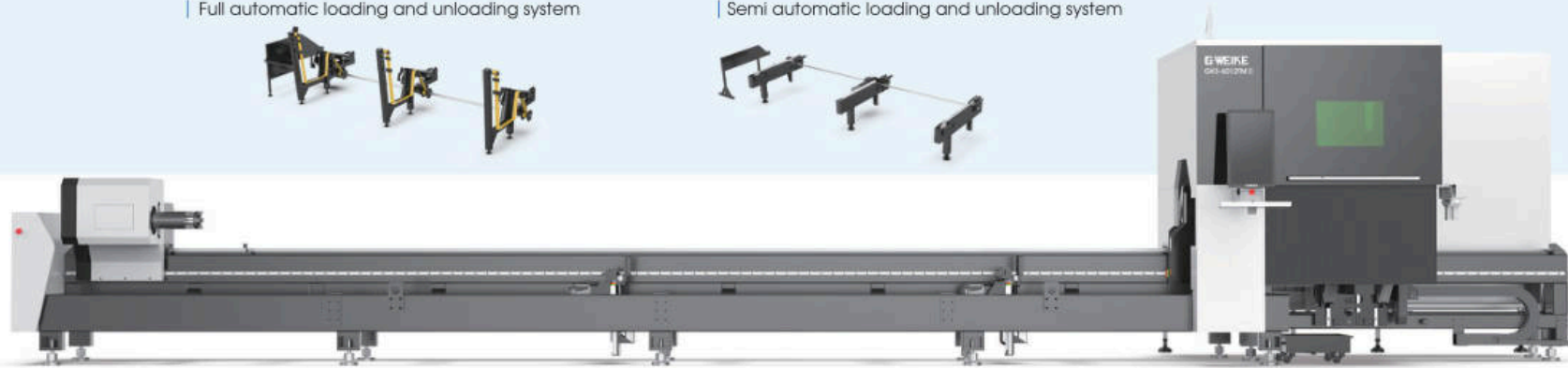
### Bevel cutting supported

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: $\Phi 10-120\text{mm}$ Square pipe: $\square 10-120\text{mm}$	Round pipe: $\Phi 10-160\text{mm}$ Square pipe: $\square 10-160\text{mm}$
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 $\Phi$ 10-120mm $\Phi$ 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%.



TECHNICAL PARAMETERS	
Machine model	GKS-6009TAG
Laser power	1500W/3000W
Clamping Range	Round pipe $\Phi 10-90\text{mm}$ Square pipe $\square 10-90\text{mm}$ Fully Automatic Feed $\Phi 20-90\text{mm}$ $\square 20-120\text{mm}$
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

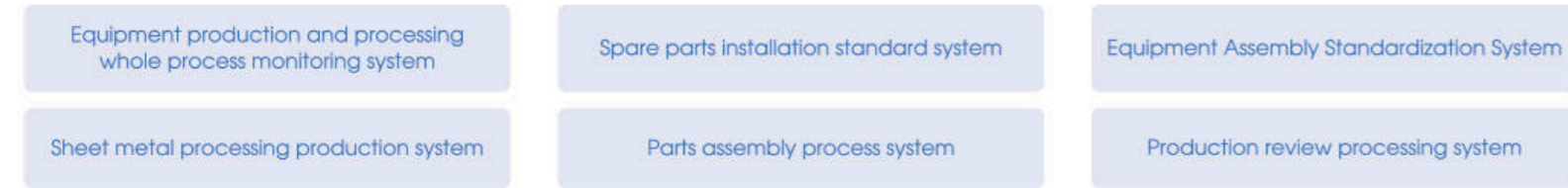
Can be equipped with automatic loading and unloading or semi-automatic loading and unloading

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

