

## 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:

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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.



# M SERIES

THE WORLD'S FIRST 6-IN-1

Fiber laser cutting/welding/cleaning/handheld cutting CO<sub>2</sub> cutting/  
CO<sub>2</sub> engraving all-in-one machine.



CNC Gantry Cutting



Laser Welding



Laser Cleaning



Handheld Cutting



CO<sub>2</sub> Laser Cutting



CO<sub>2</sub> Laser Engraving



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 <sub>2</sub> 1200W Fiber+80W CO <sub>2</sub>	800W Fiber+130W CO <sub>2</sub> 1200W Fiber+130W CO <sub>2</sub>
Cooling method	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



WORLD TOUR EXHIBITION



## QUALITY COMES FROM MULTIPLE GUARANTEES

Standardized processes for high-quality delivery

Equipment production and processing whole process monitoring system

Spare parts installation standard system

Equipment Assembly Standardization System

Sheet metal processing production system

Parts assembly process system

Production review processing system

Strict control of the entire processing process

**01**

Incoming testing

**02**

Bed thermal aging treatment

**03**

Large gantry milling

**04**

Rail installation and linear monitoring

**05**

Rack installation and balance monitoring

**06**

Machine quality inspection

Professional engineer team to serve you

**100+**

service network

**30<sub>min</sub>**

quick response

**24/7h**

Online

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

## STRATEGIC PARTNERS

