

隆信激光智能切管装备  
Longxin laser intelligent pipe cutting equipment



LONGXIN  
LASER

**PRODUCT  
MANUAL**  
产品手册

Please visit our official website  
<https://www.lxcuttingmachine.com>



Longxin official website

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MAKE  
TUBE  
CUTTING  
EASIER

成为全球领先的激光切管装备提供商

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Become the world's leading provider of laser tube cutting equipment

# COMPANY PROFILES

## 关于隆信

佛山市隆信激光科技有限公司(隆信激光)始创于2008年,是一家集金属成形切管智能装备研发、生产、销售于一体的工作母机类国家高新技术企业,致力于为全球工业激光切管领域提供自动化、信息化生产智能解决方案,为更多的企业创造价值 and 利润。

深耕智能切管装备领域十四年,隆信激光已在三维专业切管、超重型三维切管、三卡盘0尾料激光切管、非标定制激光切管等领域实现柔性制造,公司旗下产品广泛应用于工程机械、汽车配件、装饰工程、厨卫五金、智能家居、医疗器械等众多行业,产品在全球50多个国家和地区稳定运行,服务海内外企业超过3000多家。

投身中国智造,追寻科技之光,为推动中国制造业高质量发展,加快建设制造强国贡献一份智造力量,隆信激光正向“成为国内领先的激光自动化解决方案提供商”这一目标坚定前行。

Make tube cutting easier

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Foshan Longxin Laser Technology Co., Ltd. (Longxin Laser) was founded in 2008. It is a national high-tech enterprise that integrates R&D, production and sales of intelligent metal forming pipe cutting equipment. It is committed to cutting pipes for global industrial lasers. The field provides automation and information-based production intelligent solutions to create value and profits for more companies.

Deeply cultivating the field of intelligent pipe cutting equipment for 14 years, Longxin Laser has achieved flexible manufacturing in the fields of 3D professional pipe cutting, super heavy 3D pipe cutting, three-chuck 0 tailing laser pipe cutting, and non-standard customized laser pipe cutting. It is widely used in engineering machinery, auto parts, decoration engineering, kitchen and bathroom hardware, smart home, medical equipment and many other industries. The products are operating stably in more than 50 countries and regions around the world, serving more than 3000 enterprises at home and abroad.

Dedicated to China's intelligent manufacturing, pursuing the light of science and technology, and contributing to the high-quality development of China's manufacturing industry and accelerating the construction of a manufacturing powerhouse, Longxin Laser is firmly committed to the goal of "becoming a leading provider of laser automation solutions in China" Forward.



全球服务中心  
10家



企业荣誉  
数百项



专利技术  
118项



合作企业  
3000家



员工  
200多人

# DEVELOPMENT PATH

## 发展历程

Starting from the beginning of 2008, Longxin Laser has always adhered to the focus strategy, focusing on the single category of "laser pipe cutting machine", from standard solutions to in-depth customized solutions for customers, and constantly promoting the advancement of technology and intelligent solutions

### 2016-2018

#### Agglomerating effort and making breakthrough

Development is driven by innovation, Longxin Laser's product structure has achieved a leap-forward upgrade."FL120 automatic laser pipe cutting machine" is launched and Longxin Laser obtained the national high-tech enterprise certification



### 2019-2020

#### Grow steadily

Longxin laser tube cutting equipment product system is gradually mature. In this period the company gradually invest large amount of money and R&D personnel specialize in market segmentation With strong growth and outstanding achievements, Longxin laser continues to gain key attention in the industry



### 2021-2025

Determined to become the leading provider of laser tube cutting equipment in China



### 2013-2015

#### Reforming and Innovating

Specializing in the field of intelligent pipe cutting, A variety of models of intelligent pipe cutting machines have been launched one after another. The scale of Lonxin Laser expands day by day with the gradual increase in market share.



### 2009-2012

#### Expending and Developing

Start working on the industry of metal pipe cutting, focus on researching, developing and manufacturing of pipe cutting machine. Accumulate technical experience continuously.



### 2003

#### Company Founding

Longxin Machinery was established and started brand operation



# ENTERPRISE HONOR

## 企业荣誉

Longxin Laser is committed to building a first-class quality system with highest standards. We have successively won the national high-tech enterprise certification, specialized new enterprise, national ISO quality management system certification, etc. In the research and development of technical products, we have obtained more than 110 trial and appearance patents.



### No.1 in tube cutting profession

Only focus on the intelligent pipe cutting equipment industry in fourteen-years development.



### No. 1 sales in the segment industry

Longxin Laser has the largest market share in stainless steel pipe factory and pipe fitting factory.



### First launch in domestic

We are the first in domestic to launch pipe welded pipe laser and 3D drilling production line.



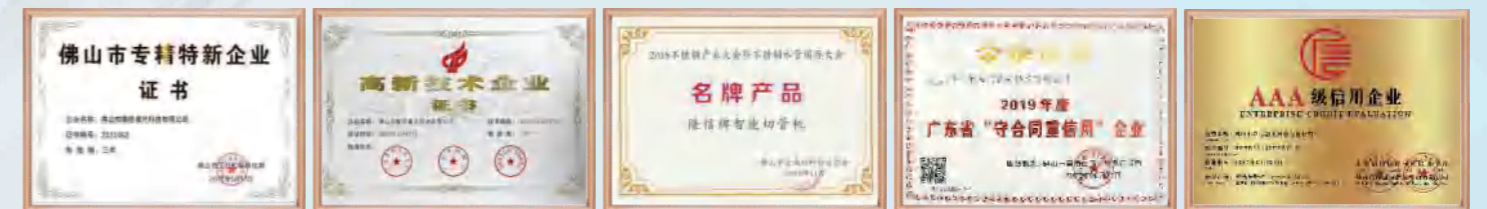
### No. 1 in the category of professional pipe cutting equipment

There are over 30 types of laser pipe cutting equipment, and we are currently the manufacturer with the most abundant product system in China.



### No.1 in the speed of researching and developing tube laser cutting machines

New product is launched every two months on average.



# OUR PRODUCTS

关于产品

Make tube cutting easier

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三维系列   
THREE-DIMENSIONAL SERIES

非标系列   
CUSTOM SERIES

焊接系列   
WEDING SERIES

# LX-K35

## 超重型三维激光切管机

SUPER HEAVY-DUTY LASER PIPE CUTTING MACHINE

THREE-DIMENSIONAL SERIES  
三维系列

- Compatible with pipes up to 325mm in diameter, and load-bearing for one pipe is 700KG
- Powerful controller from Germany
- Precise pneumatic chucks with extreme high speed and high precision
- Segmented servo pipe support system
- Flexible unloading and collecting system



**Material:** Stainless steel, Carbon steel, Aluminium, Brass, Alloy

切割效果 / CUTTING EFFECT



产品参数 / PRODUCT PARAMETER

型号 Model	LX-K35
功率 Power (w)	3000-6000
切割范围 Cutting range (mm)	φ20-325 □20×20-230×230
长度范围 Length range (mm)	≤6200
机体尺寸 Body size (mm)	13500×2600×2600
机体重量 Body weight (t)	≈13
最大加速度 Acceleration (g)	0.8

Subject to change without notice, only the specifications in our technical proposal and order confirmation are binding.

# LX-K22

## 三卡盘0尾料激光切管机

THREE CHUCK 0 TAILING LASER PIPE CUTTING MACHINE

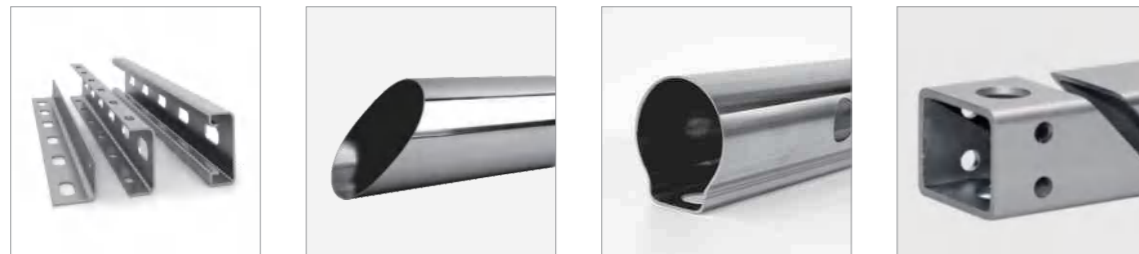
THREE-DIMENSIONAL SERIES  
三维系列

- New medium-duty double-size chunk technology
- Acceleration 1.5G, chunk speed 150r/min
- Modular; 2/3 chunks(optional); 2D/3D cutting head(optional)
- German bus control system, fast response
- Extremely short tailing: 2nd chunk  $\approx$  50mm; 3rd chunk 0 tailing



**Cutting material:** stainless steel, carbon steel, aluminum, copper, iron

切割效果 / CUTTING EFFECT



产品参数 / PRODUCT PARAMETER

型号 Model	LX-K22
功率 Power (w)	1500-6000
切割范围 Cutting range (mm)	$\phi$ 15-219 $\square$ 20 $\times$ 20-150 $\times$ 150
长度范围 Length range (mm)	$\leq$ 6500
机体尺寸 Body size (mm)	15400 $\times$ 3400 $\times$ 2800
机体重量 Body weight (t)	$\approx$ 10
最大加速度 Acceleration (g)	1.2

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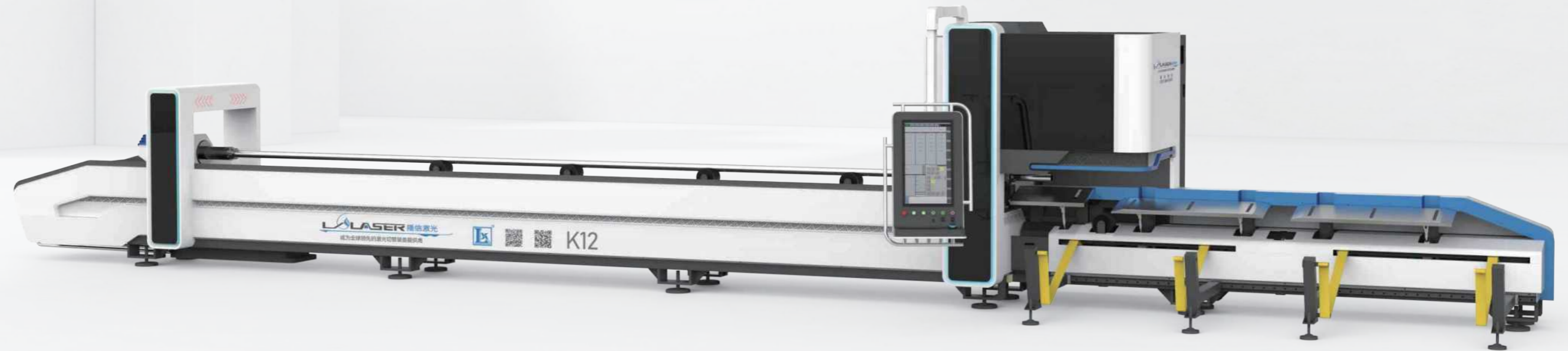
# LX-K12

## 高速三维激光切管机

HIGH-SPEED LASER PIPE CUTTING MACHINE

THREE-DIMENSIONAL SERIES  
三维系列

- For high-speed, high-precision cutting
- Advanced Precision Sensor, more stable cutting
- Grading servo feeding system
- Collection system
- Semi/fully automatic feeding function(optional)



**Cutting material:** stainless steel, carbon steel, aluminum, copper, iron

切割效果 / CUTTING EFFECT



### 产品参数 / PRODUCT PARAMETER

型号 Model	LX-K12
功率 Power (w)	1000-3000
切割范围 Cutting range (mm)	φ10-120 □10×10-85×85
长度范围 Length range (mm)	≤6200
机体尺寸 Body size (mm)	13300×2100×2200
机体重量 Body weight (t)	≈8
最大加速度 Acceleration (g)	1.5

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# LX-6022V6

## 三卡盘0尾料激光切管机

THREE CHUCK 0 TAILING LASER PIPE CUTTING MACHINE

THREE-DIMENSIONAL SERIES  
三维系列

- Three-chuck model, 0 tailing, available for maximum 8m long workpiece cutting
- World-class advanced Germany control system
- Bevel cutting function available(optional)
- Fully automatic with bundle loader



**Cutting material:** stainless steel, carbon steel, aluminum, copper, iron

切割效果 / CUTTING EFFECT



产品参数 / PRODUCT PARAMETER

型号 Model	LX-6022V6
功率 Power (w)	3000-6000
切割范围 Cutting range (mm)	φ15-219 □15×15-150×150
长度范围 Length range (mm)	≤6200
机体尺寸 Body size (mm)	15360×3000×2680
机体重量 Body weight (t)	≈14
最大加速度 Acceleration (g)	1.0

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# LX-6022V5

## 重型三维激光切管机

HEAVY-DUTY LASER PIPE CUTTING MACHINE

THREE-DIMENSIONAL SERIES  
三维系列

- Strong machine bed for heavy duty, single tube bearing up to 400kg
- Germany control system, easy operation
- High-precision pneumatic chuck, stable & professional
- Servo-control supporting system, support rack automatic follow-up



**Cutting material:** stainless steel, carbon steel, aluminum, copper, iron

切割效果 / CUTTING EFFECT



产品参数 / PRODUCT PARAMETER

型号 Model	LX-6022V5
功率 Power (w)	2000-6000
切割范围 Cutting range (mm)	φ15-219 □15×15-150×150
长度范围 Length range (mm)	≤6200
机体尺寸 Body size (mm)	13500×2600×2600
机体重量 Body weight (t)	≈13
最大加速度 Acceleration (g)	1.2

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# LX-6022V3

## 专业型激光切管机

PROFESSIONAL LASER PIPE CUTTING MACHINE

THREE-DIMENSIONAL SERIES  
三维系列

- Standard multi-function cutting model, available for complex cutting job
- Acceleration 1.0G, high cutting accuracy
- Germany control system, easy operation
- High-precision pneumatic chuck, stable & professional
- Automatic loading system available(optional)



**Cutting material:** stainless steel, carbon steel, aluminum, copper, iron

切割效果 / CUTTING EFFECT



产品参数 / PRODUCT PARAMETER

型号 Model	LX-6022V3
功率 Power (w)	1000-4000
切割范围 Cutting range (mm)	φ15-219 □15×15-150×150
长度范围 Length range (mm)	≤6200
机体尺寸 Body size (mm)	12800×4800×2300
机体重量 Body weight (t)	≈8
最大加速度 Acceleration (g)	1.2

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# LX-6022V2

## 经济型激光切管机

ECONOMICAL LASER PIPE CUTTING MACHINE

THREE-DIMENSIONAL SERIES  
三维系列

- Economic multi-function cutting model
- Acceleration 0.8G
- Germany control system, easy operation
- High-precision pneumatic chuck, stable & professional
- Automatic loading system available(optional)



**Cutting material:** stainless steel, carbon steel, aluminum, copper, iron

切割效果 / CUTTING EFFECT



产品参数 / PRODUCT PARAMETER

型号 Model	LX-6022V2
功率 Power (w)	1000-3000
切割范围 Cutting range (mm)	φ15-219 □15×15-150×150
长度范围 Length range (mm)	≤6200
机体尺寸 Body size (mm)	9800×1515×2020
机体重量 Body weight (t)	≈4
最大加速度 Acceleration (g)	0.8

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# LX-K16S

## 新型高速三维激光切管机

NEW HIGH-SPEED LASER PIPE CUTTING MACHINE

- Innovative mechanical bed design, new generation flagship model
- Front chuck movable design, reduce tailing greatly
- Highly efficient, energy-saving and flexible
- Integrated design of automatic loading system, highly cost-effective



THREE-DIMENSIONAL SERIES  
三维系列

**Cutting material:** stainless steel, carbon steel, aluminum, copper, iron

切割效果 / CUTTING EFFECT



产品参数 / PRODUCT PARAMETER

型号 Model	LX-K16S
功率 Power (w)	1000-2000
切割范围 Cutting range (mm)	φ15-159 □15×15-112×112
长度范围 Length range (mm)	≤6200
机体尺寸 Body size (mm)	9000×2610×2390
机体重量 Body weight (t)	≈5
最大加速度 Acceleration (g)	1.5

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# LX-V16

## 入门级三维激光切管机

ENTRY-LEVEL LASER PIPE CUTTING MACHINE

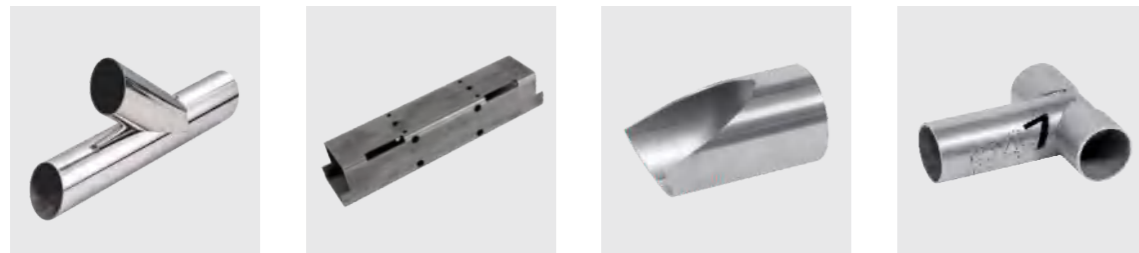
THREE-DIMENSIONAL SERIES  
三维系列

- Mid - to high-level configuration at entry level
- Small investment, big return
- Practical, powerful and multi-functional
- High-precision chuck system, for stable and efficient production



**Cutting material:** Stainless Steel, Carbon steel, Aluminum, Copper, Steel

切割效果 / CUTTING EFFECT



产品参数 / PRODUCT PARAMETER

型号 Model	LX-V16
功率 Power (w)	1000-3000
切割范围 Cutting range (mm)	φ15-160 □15×15-113×113
长度范围 Length range (mm)	≤6500
机体尺寸 Body size (mm)	9100×1700×2000
机体重量 Body weight (t)	≈4.7
最大加速度 Acceleration (g)	1.0

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# OUR PRODUCTS

## 关于产品



Make tube cutting easier

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三维系列  
THREE-DIMENSIONAL SERIES

非标系列  
CUSTOM SERIES

焊接系列  
WEDING SERIES



# LX-K6

## 小型高速三维激光切管机 (尊享款)

ULTRA-RAPID SPEED LASER TUBE CUTTING MACHINE

CUSTOM SERIES  
非标系列

- Specially for cutting small and thin pipe
- 1.5G acceleration, strong productivity
- Supports extended welding seam recognition
- Support extended special-shaped tube cutting
- Extreme short pipe end,  $\geq 40\text{mm}$
- With fully automatic loading system, saving worry and effort



**Cutting material:** Stainless Steel, Carbon steel, Aluminum, Copper, Steel

切割效果 / CUTTING EFFECT



产品参数 / PRODUCT PARAMETER

型号 Model	LX-K6
功率 Power (w)	1000-3000
切割范围 Cutting range (mm)	$\phi 15-60$ $15 \times 15-60 \times 60$
长度范围 Length range (mm)	$\leq 6200$
机体尺寸 Body size (mm)	$9300 \times 1500 \times 2110$
机体重量 Body weight (t)	$\approx 4$
最大加速度 Acceleration (g)	1.5

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# LX-K3

## 极小管高速激光切管机

VERY SMALL TUBE LASER TUBE CUTTING MACHINE

- Small tube, high speed and no trace fine cutting
- Repeat positioning accuracy is up to 50μm
- Small size, simple maintenance
- Easy to operate, just one step to start cutting

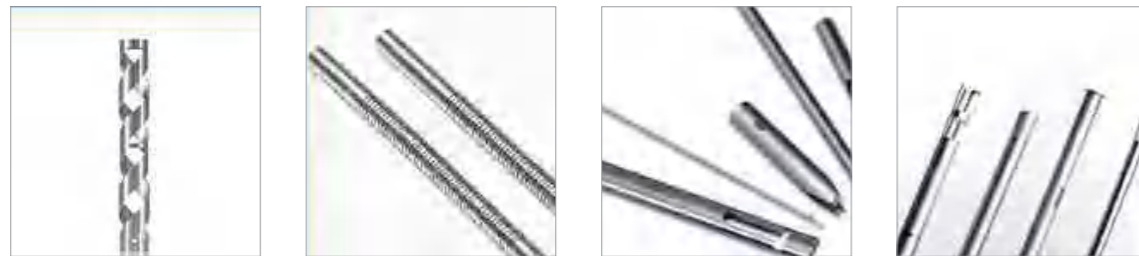


CUSTOM SERIES  
非标系列



**Cutting material:** Stainless Steel, Carbon steel, Aluminum, Copper, Steel

切割效果 / CUTTING EFFECT



产品参数 / PRODUCT PARAMETER

型号 Model	LX-K3
功率 Power (w)	1000
切割范围 Cutting range (mm)	φ2-24 □1.5×1.5-17×17
长度范围 Length range (mm)	≤6200
机体尺寸 Body size (mm)	1390×1750×1780
机体重量 Body weight (t)	≈1.4
最大加速度 Acceleration (g)	1.5

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# LX-FL120

## 全自动激光切管机

AUTOMATIC LASER PIPE CUTTING MACHINE

CUSTOM SERIES  
非标系列

- Permutations loading
- Deslagging function (inside of the tube)
- Automatic identification of head and tail materials



**Cutting material:** stainless steel, carbon steel, aluminum, copper, iron

切割效果 / CUTTING EFFECT



### 产品参数 / PRODUCT PARAMETER

型号 Model	LX-FL40/70/90/120
功率 Power (w)	1000-2000
切割范围 Cutting range (mm)	φ15-120
长度范围 Length range (mm)	≤6200
机体尺寸 Body size (mm)	8900×2200×1680
机体重量 Body weight (t)	≈3.5
切管类型 Tube type	round

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# LX-FL120V1

## 全自动激光切管机

AUTOMATIC LASER PIPE CUTTING MACHINE

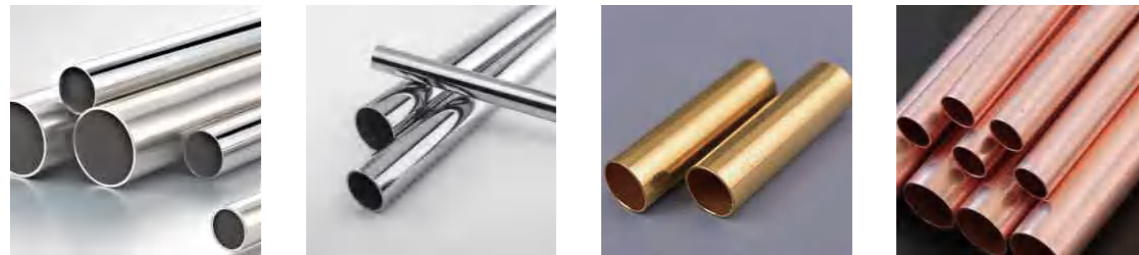
CUSTOM SERIES  
非标系列

- Fully-automatic loading
- Extreme short-tail
- Deslagging function
- High-speed cutting
- Automatic identification of head and tail materials



**Cutting material:** stainless steel, carbon steel, aluminum, copper, iron

切割效果 / CUTTING EFFECT



产品参数 / PRODUCT PARAMETER

型号 Model	LX-FL40/70/90/120V1
功率 Power (w)	1000-2000
切割范围 Cutting range (mm)	φ15-120
长度范围 Length range (mm)	≤6200
机体尺寸 Body size (mm)	9340×1560×1610
机体重量 Body weight (t)	≈4
切管类型 Tube type	round

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# LX-GL40/70

## 圆管自动激光下料机

AUTOMATIC LASER CUTTING MACHINE  
FOR ROUND TUBE

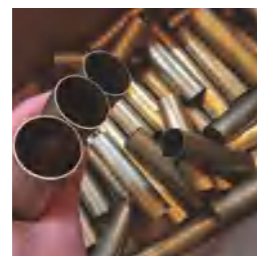
CUSTOM SERIES  
非标系列

- Automatic loading system available(optional)
- Super high-speed cutting
- Deslagging function (inside of the tube)----Optional
- Automatic identification of head and tail materials



**Cutting material:** stainless steel, carbon steel, aluminum, copper, iron

切割效果 / CUTTING EFFECT



### 产品参数 / PRODUCT PARAMETER

型号 Model	LX-GL40/70
功率 Power (w)	1000-2000
切割范围 Cutting range (mm)	φ15-40 φ15-65
长度范围 Length range (mm)	≤6200
机体尺寸 Body size (mm)	9450×1330×1590
机体重量 Body weight (t)	≈2
切管类型 Tube type	round

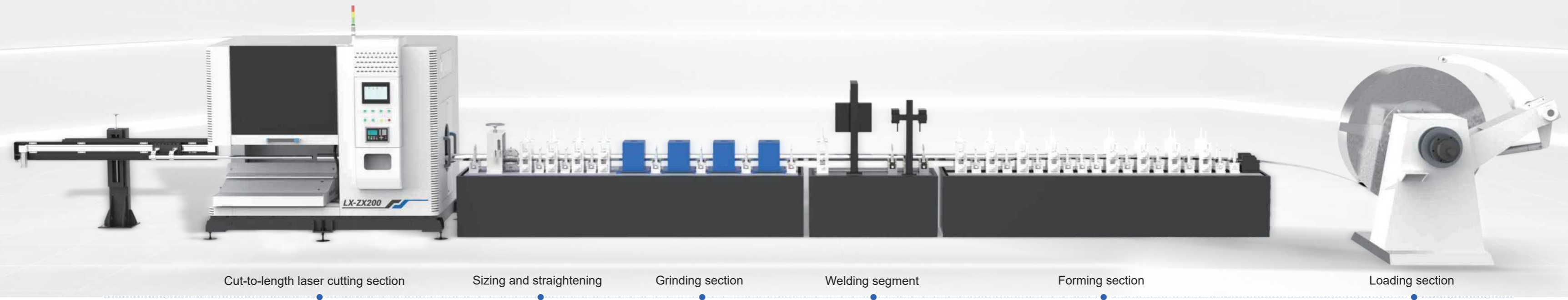
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# LX-ZX200

## 焊管在线激光切管机

INLINE LASER CUTTING MACHINE FOR TUBE MILLS

CUSTOM SERIES  
非标系列



Cut-to-length laser cutting section

Sizing and straightening

Grinding section

Welding segment

Forming section

Loading section

- Simultaneous pipe cutting and punching
- Fast cutting speed, increase line speed
- Anti-spatter function
- Less consumables

### 产品参数 / PRODUCT PARAMETER

型号 Model	LX-ZX200
功率 Power (w)	1000-3000
切割范围 Cutting range (mm)	φ40-270
加工精度 Precision (mm)	±0.1
机体尺寸 Body size (mm)	15000×2200×1680
机体重量 Body weight (t)	≈3.5
切管类型 Tube type	Round、Square

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# LX-WT100

## 弯管激光切管机

ELBOW PIPE LASER CUTTING MACHINE

- Cut-through
- Hole-through
- Anti-spatter function
- Elbow Flat Trimming

**Cutting material:** stainless steel, carbon steel, aluminum, copper, iron

切割效果 / CUTTING EFFECT



CUSTOM SERIES  
非标系列



产品参数 / PRODUCT PARAMETER

型号 Model	LX-WT100
功率 Power (w)	1000-2000
切割范围 Cutting range (mm)	DN15-100
机体尺寸 Body size (mm)	2600×1550×2100
机体重量 Body weight (t)	≈2
切管类型 Tube type	Round pipe

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# OUR PRODUCTS

关于产品

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三维系列

THREE-DIMENSIONAL SERIES



非标系列

CUSTOM SERIES



焊接系列

WEDING SERIES





# LX-δ100S

## 手持激光焊接机

EASY OPERATION DEPENDABLE QUALITY

### 01 Perfectly replacing and subvert tradition

- Replacing traditional thin plate electric welding, chlorine arc welding and other welding processes.
- Perfect welding seam, high speed, without welding mark and discoloration.
- No need for secondary processing.

### 02 High welding quality and perfect welding seam

- Continuous laser mode, welding seam smooth transition and firm.
- Small welding heat affected zone, the yellow and black areas on both sides of weld seam are slight.
- Small stacking height on welding surface, no need for secondary polishing.



产品参数 / PRODUCT PARAMETER

Machine Name	LX-δ100S
Working Range	8m
Laser Power	1000-2000W
Dimension	1098*750*1233mm(L*W*H)
Spot Diameter	1.5mm(optional 2.5mm)

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# THREE AXIS/FOUR AXIS/FIVE AXIS PLATFORM LASER WELDING MACHINE

## 三轴 / 四轴 / 五轴自动平台激光焊接机

EASY OPERATION DEPENDABLE QUALITY

### 01 Product features

- X, Y, Z electric three-axis stroke 400\*300\*300, it can reach repeat positioning accuracy  $\pm 0.05$ ;
- It adopts industrial PC control professional software which is easy to operate;
- The standard 8-inch monitor is equipped with a high-speed vibrating lens; the vibrating lens can be equipped with CCD coaxial monitoring, which is convenient for observing the welding effect;
- Optional laser generator, such as YAG, QCW high-speed splitter, fiber laser, semiconductor, etc.
- Exclusive models can be customized according to customer needs, and two rotating shafts can be added.

### 02 Application

- Suitable for stainless steel sheet welding, battery explosion-proof valve welding, metal sheet metal and 3C industry applications.



#### 产品参数 / PRODUCT PARAMETER

Machine Name	Three axis/ Four axis /Five axis Platform Laser Welding Machine
Work Space	8m
Laser Power	1000-2000W
Machine Dimension	1098*750*1233mm(L*W*H)
Spot Diameter	1.5mm(optional 2.5mm)

☛ Subject to change without notice, only the specifications in our technical proposal and order confirmation are binding.

# ROBOT LASER WELDING MACHINE

## 机器人激光焊接机

EASY OPERATION DEPENDABLE QUALITY

### 01 Product features

- Using a six-axis robot, welding and automatic handling can be completed, instead of manual work;
- The robot has good flexibility and compatibility, it also has a wide range of applications. You can complete the welding of different products by changing specific tooling and procedures;
- The robot's operating range can be equipped with a safety fence to effectively ensure the safety of the worker;
- High-speed vibrating lens is optional, and the vibrating lens can be equipped with CCD coaxial monitoring, which is convenient for observing the welding effect;
- YAG, QCW highly spectroscopic, fiber laser, semiconductor laser or traditional welding methods such as two-protection welding, argon arc welding, resistance welding, etc. can be selected;
- Exclusive models can be customized according to customer needs.

### 02 Application

- Robot workstations are widely used in automated production lines, automatic welding of power batteries, kitchen utensils, bathing utensils, door handles, auto parts, precision parts and hardware and sheet metal products.



#### 产品参数 / PRODUCT PARAMETER

Machine Name	Robot Laser Welding Machine
Laser Generator Type	Continuous laser, Semiconductor laser, QCW
Laser Power	1000-2000W
Work scope	1m, 1.5m, 2m, etc.
Control system	Professional laser welding control system
Machine equipment	ABB, Kawasaki, FANUC, etc.

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# LASER CLEANING MACHINE

## 激光清洗机

EASY OPERATION DEPENDABLE QUALITY

### 01 Product features

- The internal design is smart and the internal structure is completely sealed, which can prevent the optical part from being polluted by dust;
- Lightweight, using body engineering design method, make sense of grip comfortable; easy master and easy to operate;
- The protective lens adopts a drawer structure, which is easy to replace;
- Using laser to remove rust, high production efficiency.

### 02 Application

- Derusting and decontamination of metal or non-metal surfaces

### 03 Cases



#### 产品参数 / PRODUCT PARAMETER

Machine Name	Laser Cleaning Machine
Laser Generator Type	Continuous Laser,Pulsed Laser
Laser Power	200-2000W
Work Type	Handheld,automatic,robot
Control system	Professional laser welding control system
Application Scope	Derusting and decontamination of metal or non-metal surfaces

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# NON-STANDARD 3D LASER WELDING MACHINE

## 非标定制三维激光焊接机

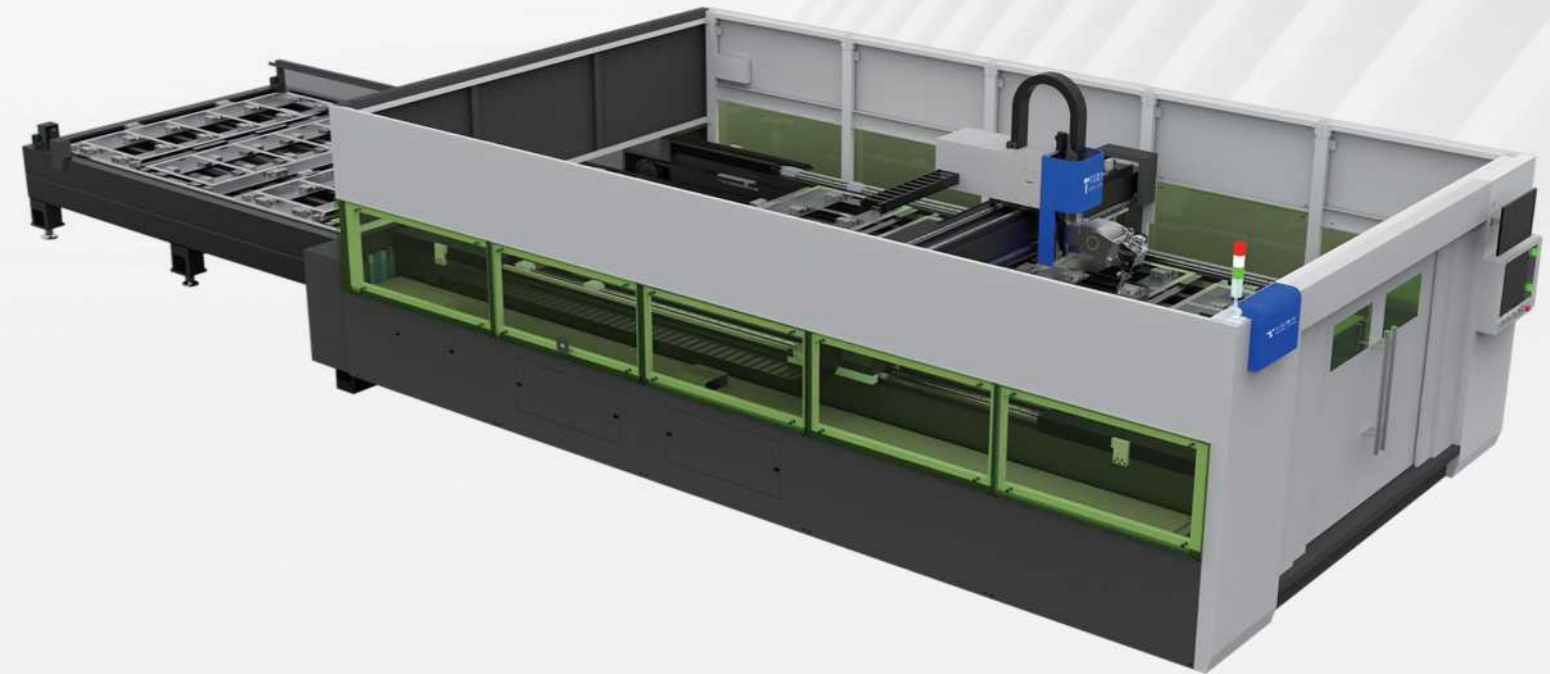
EASY OPERATION DEPENDABLE QUALITY

### 01 Product features

- X Y Z electric axis travel distance 4000\*2000\*300, Repeat positioning accuracy  $\pm 0.05$ ;
- Using industrial PC control, professional laser welding programming software and programming course mode, easy operation;
- Standard 21" monitor, optional high-speed galvanometer laser head, galvanometer can be equipped with CCD coaxial monitoring for observing the welding effect;
- Customized models available according to customer's needs, Double rotating shafts available.

### 02 Application

- Suitable for large stainless steel workpiece welding, battery package welding, metal forging and home industry.



#### 产品参数 / PRODUCT PARAMETER

Machine Name	Non-standard 3D laser welding machine
Laser Generator Type	Continuous laser, semiconductor laser, QCW, etc
Laser Power	1000-2000W
Working Range	4000*2000mm, 6000*2500mm etc
Control system	Professional laser welding control system
Axis Numbers	4-7 axis

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# NON-STANDARD CUSTOM LASER WELDING MACHINE

## 非标定制激光焊接机

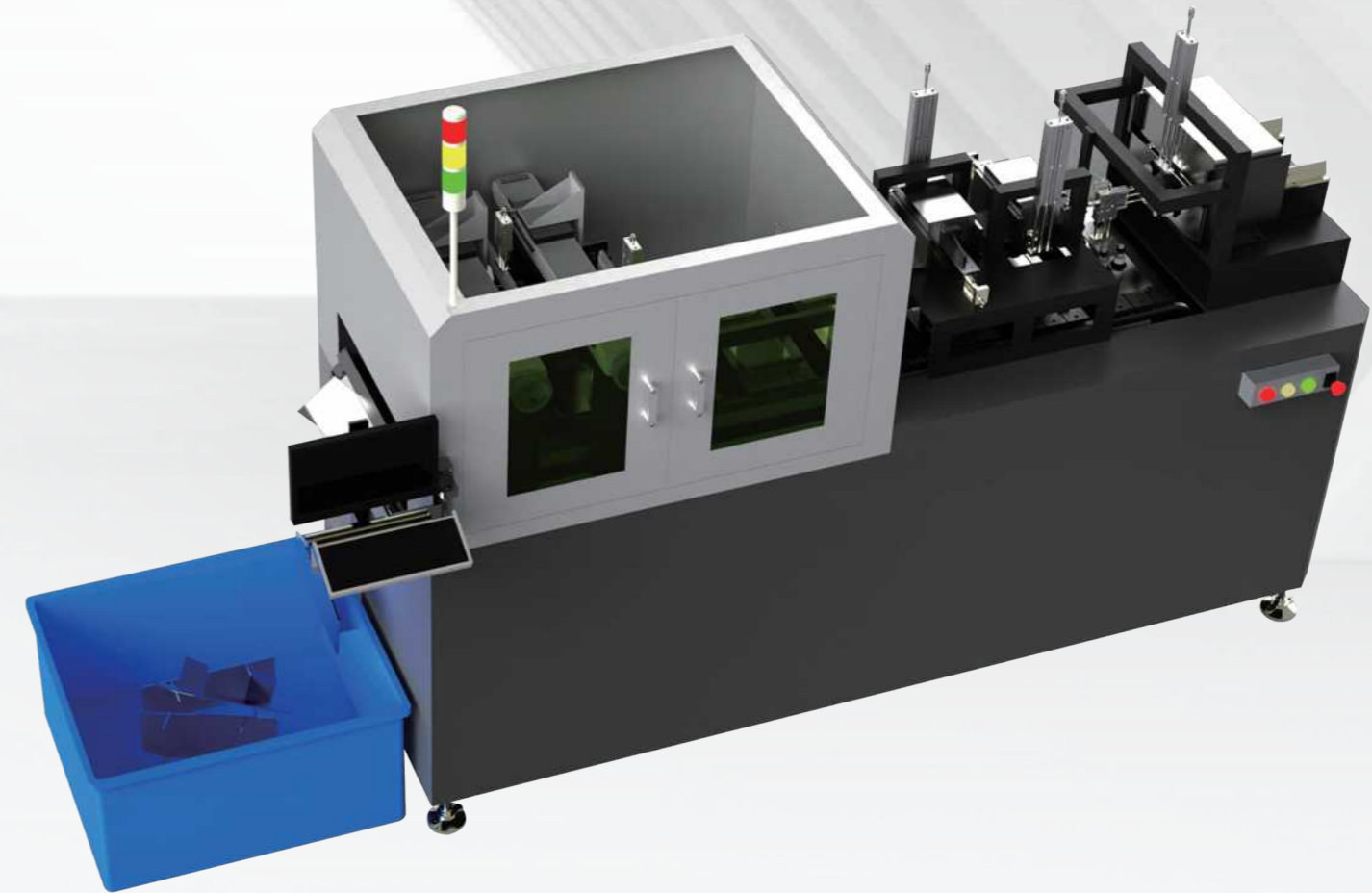
EASY OPERATION DEPENDABLE QUALITY

### 01 Product features

- X Y Z electric axis travel distance 4000\*2000\*300, Repeat positioning accuracy  $\pm 0.05$ ;
- Using self-developed motion control, simple operation;
- Standard 8" monitor, optional high-speed galvanometer laser head, galvanometer can be equipped with CCD coaxial monitoring for observing the welding effect;
- Available for YAG, QCW high-speed splitting, fiber laser, semiconductor laser or traditional welding methods such as secondary arc welding, oxygen arc welding and resistance welding;
- Customized available according to customer's needs, suitable for various mass-produced workpiece welding, hardware pulling gold and home industry.

### 02 Application

- Various mass-produced workpiece welding, hardware sheet metal and home industry.



#### 产品参数 / PRODUCT PARAMETER

Machine Name	Non-standard custom laser welding machine
Laser Generator Type	Continuous laser, semiconductor laser, QCW, etc
Laser Power	1000-2000W
Working Range	Automatic professional custom range
Control system	Professional laser welding control system
Axis Numbers	4-7 axis

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# NON-STANDARD CUSTOM LASER WELDING MACHINE

## 非标定制二保焊焊接机

EASY OPERATION DEPENDABLE QUALITY

### 01 Product features

- Using a six-axis robot, welding and automatic handling can be completed, instead of manual work;
- The robot has good flexibility and compatibility, it also has a wide range of applications. You can complete the welding of different products by changing specific tooling and procedures;
- The robot's operating range can be equipped with a safety fence which can effectively ensure the safety of workers;
- Optional CCD monitoring, convenient to observe the welding effect;
- Carbon dioxide arc welding, argon arc welding, resistance welding, etc.;
- Exclusive models can be customized according to customer needs.

### 02 Application

- The robot workstations are widely used for automated welding in automated production lines, electromechanical, equipment manufacturing, and sheet metal products.



产品参数 / PRODUCT PARAMETER

Machine Name	Non-standard carbon dioxide arc welding machine
Welding Power	200A-500A
Welding Brand	Megmeet
Work Type	Robot or automatic
Control system	Professional laser welding control system

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# NON--STANDARD WELDING AUTOMATION ASSEMBLY LINE

## 非标定制焊接自动化流水线

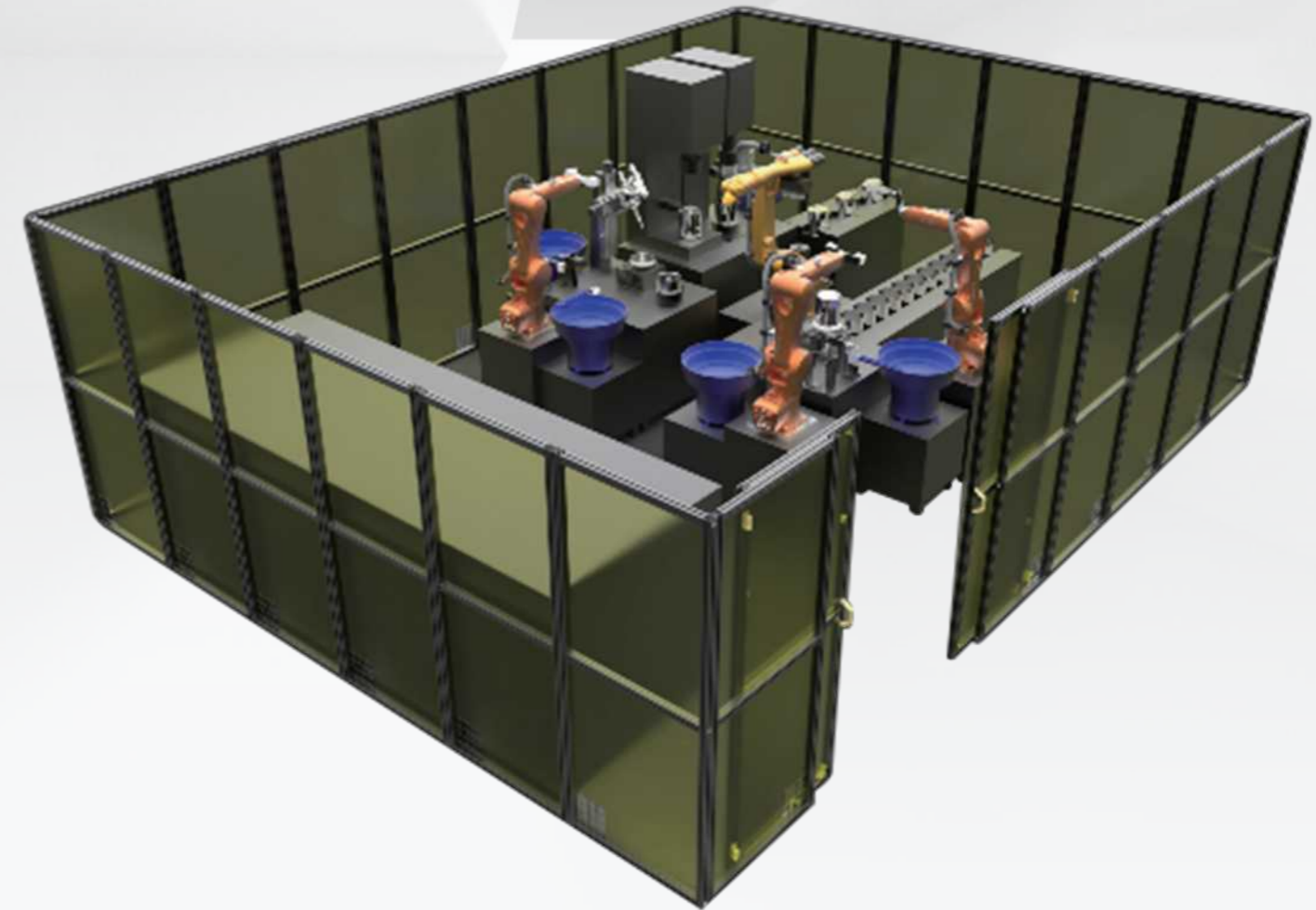
EASY OPERATION DEPENDABLE QUALITY

### 01 Product features

- Automated production line robots, special customized machine, multiple transmission lines, replacing manual work;
- The whole line has good flexibility and compatibility, it also has a wide range of applications. You can complete the welding of different products by changing specific tooling and procedures;
- It can be equipped with a safety fence which can effectively ensure the safety of workers;
- Optional visual monitoring, remote monitoring of production conditions;
- YAG, QCW highly spectroscopic, fiber laser, semiconductor laser or traditional welding methods such as carbon dioxide arc welding, argon arc welding, resistance welding, etc. can be selected;
- The automated production line can be customized according to customer needs.

### 02 Application

- Robot workstations are widely used in automated production lines, automatic welding of power batteries, kitchen utensils, bathing utensils, auto parts, precision parts and hardware and sheet metal products.



#### 产品参数 / PRODUCT PARAMETER

Machine Name	Non-standard welding automation assembly line
Welding Power	Laser welding, carbon dioxide arc welding, argon arc welding
Welding Brand	Automatic line
Control system	Professional laser welding control system

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# CLOUD PLATFORM

## 隆信服务云平台

2021年,隆信激光与北京旭孚有限公司进行合作,全面升级隆信服务云平台,为用户提供更全面、完善的产品服务!

In 2021, Longxin Laser will cooperate with Beijing Xufu Co. Ltd. to comprehensively upgrade the Longxin service cloud platform to provide users with more comprehensive and complete product services!

### 健康监测 Health monitoring

- normal laser head
- normal height controller
- normal rotary switch
- normal roller



- 系统管理 System Management
- 客户管理 Customer management
- 设备管理 Equipment management
- 知识库 knowledge base



# SERVICE AND COMMITMENT

## 服务与承诺

### 售前服务 PRE-SALE SERVICE



技术咨询  
Technical consulting



样品测试  
Test sample



场地勘察  
Site survey



设备选型  
Optional models

### 售中服务 IN-SALE SERVICE

- 安装指导  
Installation guide
- 完善的使用培训  
Perfect use training
- 保养培训  
Maintenance training
- 产品生产技术支持  
Product production technical support
- 设备安装调试  
Equipment installation

### 售后服务 AFTER-SALES SERVICE

#### 我们承诺

设备整机免费保修一年, 终身维护。  
当设备保修期满后, 终身提供维修服务。  
保修期满后仍提供广泛的软硬件支持,  
终身享受免费升级。

#### WE PROMISE

The whole equipment is guaranteed for one year free of charge and lifelong maintenance.

After the equipment warranty expires, maintenance services will be provided for life.

After the expiration of the warranty period, a wide range of software and hardware support is still provided,

Enjoy free upgrades for life.



1小时解答技术性问题  
1 hour to answer technical questions



48小时内全国地区到场维护  
On-site maintenance nationwide within 48 hours



4小时内佛山五区到场维护  
Foshan arrives for maintenance within 4 hours



终身享受免费升级  
Enjoy free upgrades for life



12小时内珠三角地区到场维护  
On-site maintenance in the Pearl River Delta within 12 hours



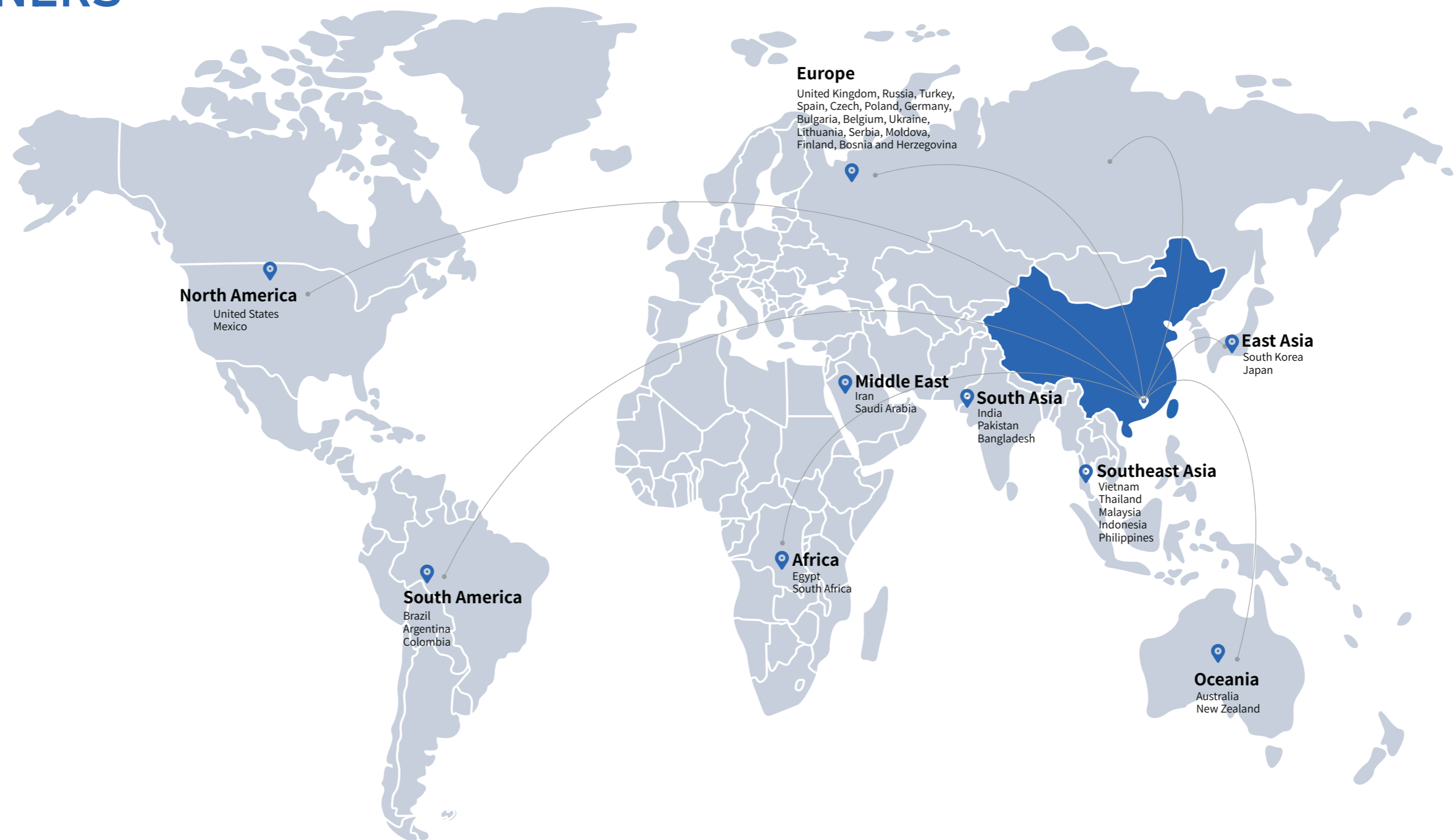
终身提供维修服务  
Provide maintenance service for life

# GLOBAL PARTNERS

## 全球销售网点

隆信激光已服务海内外企业超过3000多家。

Longxin Laser has served more than 3000 enterprises at home and abroad



For more information, please visit Longxin's official website  
<https://www.lxcuttingmachine.com>



Longxin official website

# PARTNERS (DOMESTIC)

## 合作伙伴

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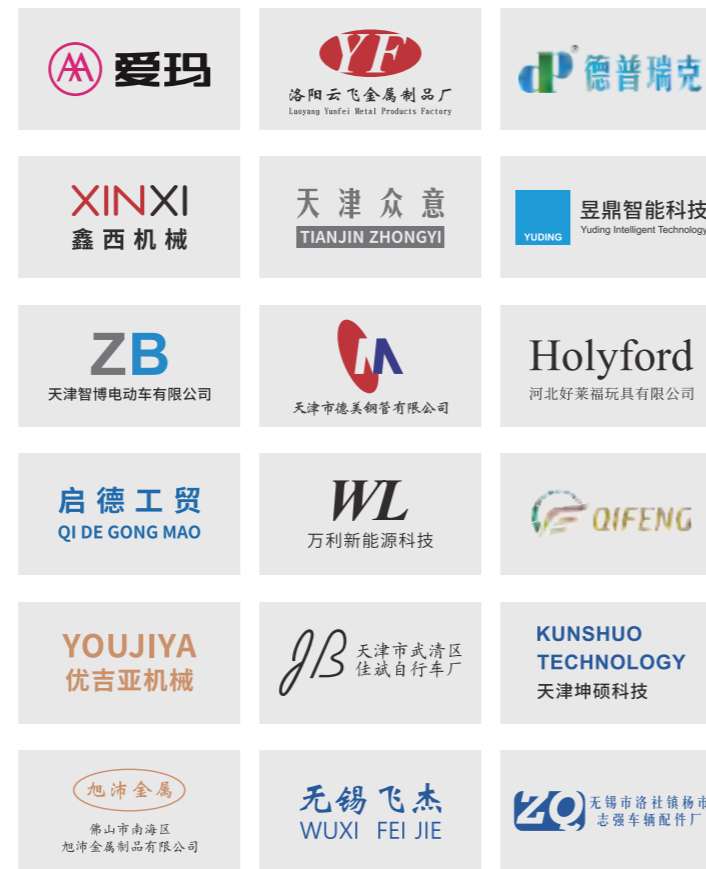
### Auto parts industry



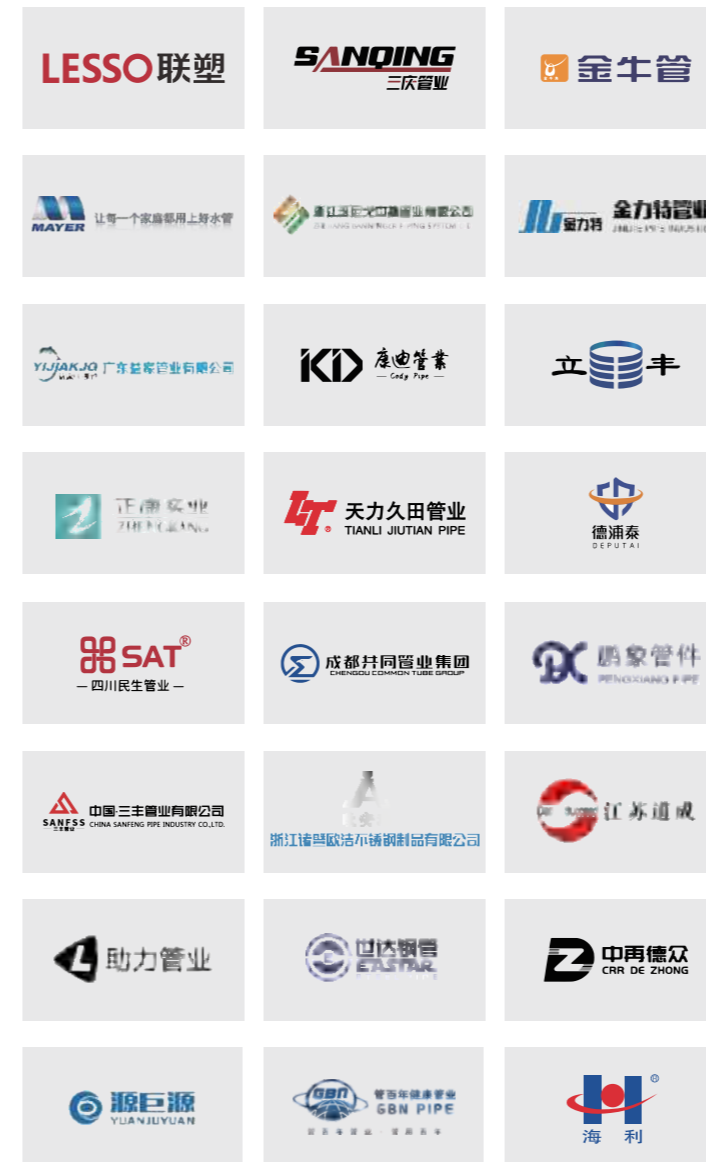
### Medical device industry



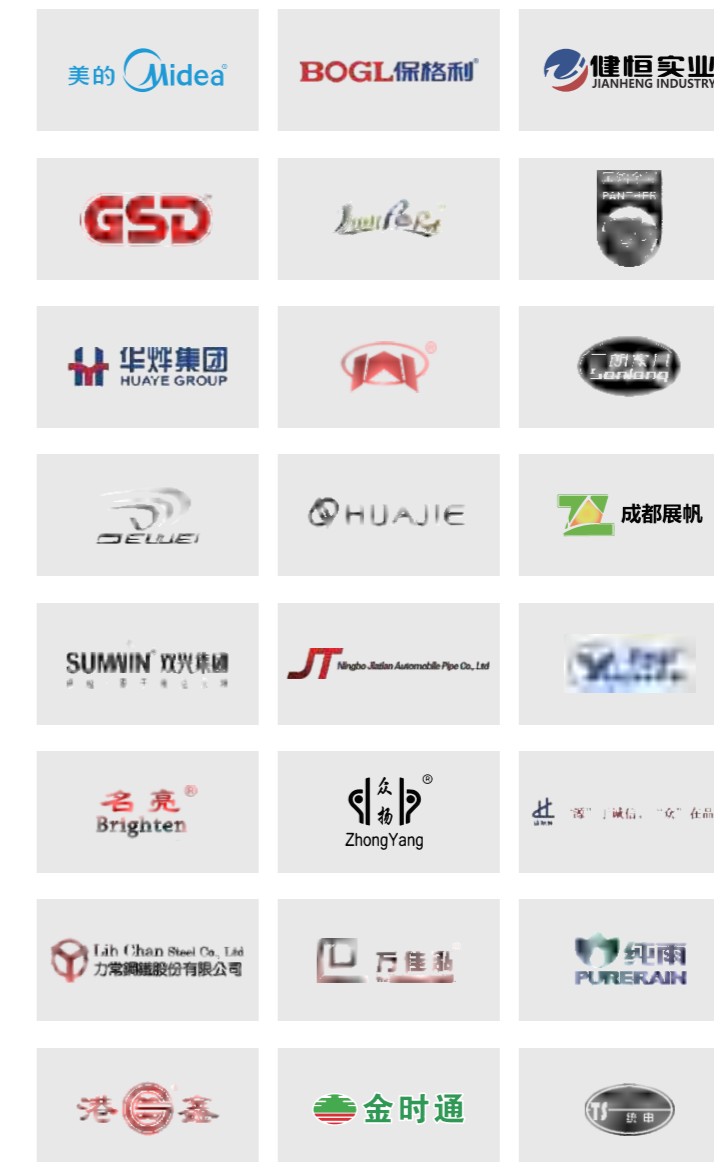
### Baby carriage, bicycle, motorcycle industry



### Pipe fittings industry



### Famous brand



# PARTNERS (OVERSEAS)

## 合作伙伴

隆信激光已服务海内外企业超过3000多家。

Longxin Laser has served more than 3000 enterprises at home and abroad

### Partners (OVERSEAS)

