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### GUANGDONG LIFENG INTELLIGENT TECHNOLOGY CO., LTD

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www.lifeng-machinery.com



## GLASS MACHINERY

www.lifeng-machinery.com SINCE 2010



## **ABOUT LI FENG**



01

### THIRTEEN YEARS

### Focusing on research and innovation in the field of glass edge grinding treatment

- Taking speed as the fulcrum, promote the deep transformation of glass grinding technology.
- Our business philosophy is innovation, pragmatism, transcendence, and pursuit of excellence.
- $\bullet \ \, \text{Li Feng fully promotes intelligent manufacturing, making intelligent production truly serve our customers.}$



02

### MORE THAN FORTY ITEMS

### Practical innovative technology patents

- More than 40 core patented technologies, including intelligent detection, high-speed opening and closing, and high-speed edge grinding, are the crystallization of Li Feng's 13 year craftsmanship.
- Li Feng adheres to craftsmanship, embraces intelligence, empowers the glass deep processing industry, and joins customers in entering Industry 4.0.



03

### **50000 SQUARE METERS**

### A modern production and manufacturing base

In 2010, Guangdong Lifeng Intelligent Technology Co., Ltd. was established. After 14 years of development, the factory now has a factory area of 15000 square meters, and has invested in the construction of a Guangxi Lifeng production and processing base in Guangxi, with a total area of over 50000 square meters.



04

### **SERVING CUSTOMERS**

### Covering multiple countries and regions worldwide

More than 1000 users have chosen Lifeng. Lifeng always adheres to the experience concept of putting people first and pursuing win-win situations, with customers as the center and employees as the foundation, and pursues a win-win situation for employees, the company, customers, and society.

E30-24/26/28-L

Full-servo Intelligent High-speed Fine Grinding Line E30 series - 24/26/28 - L-Shape/ I-Shape



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Grinding wheel

automatic adjustment





Grinding

high speed





operating syste

Intelligent





Improve efficiency

Transmission speed

Opening and closing speed

### **TECHNICAL PARAMETERS**

Model

Power supply

#### Number of grinding spindles 24/26/28 Minimum glass size 350\*350mm Glass thickness 3-25mm 1-25m/min Processing speed Transmission speed 1-30m/min 152.5KW Installed power

Opening and closing speed 25m/min Table height 930±20mm

380V/50HZ(3phase+4wire)

E30-18/20-I

E30 Series -18/20-I-shape

Full-servo Intelligent High-speed Fine Grinding Line



Internet system







Precision automatic detection table

High speed





Intelligent

380V/50HZ(3phase+4wire)



Grinding wheel automatic adjustment

**⊸** 

Grinding high speed



Improve efficiency

Transmission speed

Opening and closing speed

### **TECHNICAL PARAMETERS**

Model

Power supply

Number of grinding spindles	18/20
Minimum glass size	350*350mm
Glass thickness	3-12mm
Processing speed	1 <b>-</b> 25m/min
Transmission speed	1-30m/min
Installed power	129KW
Opening and closing speed	25m/min
Table height	930±20mm

# AS-20/22/24-L

Full Servo Intelligent High-speed Fine Grinding Line AS series - 20/22/24 - L-Shape



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Grinding wheel

automatic adjustment









High speed opening and



high speed

detection table





Intelligent operating syste





Adopt precise and high efficient automatic detection table to realize automatic adjustment of any size; High speed opening and closing at 25m/min; High-speed edging up to 20m/min. All grinding wheels are automatically compensated, reducing the level of manual operation. Equipped with an intelligent operating system, the master control and scheduling are integrated, and the operation of the entire line can be easily controlled.

Equipped with an industrial Internet network system, it can realize functions such as remote monitoring, remote assistance and system maintenance. It is suitable for the processing of various types of glass, furniture and home appliance glass in the architecture industry.

### **TECHNICAL PARAMETERS**

#### Model Number of grinding spindles 20/22/24 Minimum glass size 350\*350mm Glass thickness 3-25mm Processing speed 1-17m/min Transmission speed 1-20m/min Installed power 152.5KW Opening and closing speed 25m/min Table height 930±20mm Power supply 380V/50HZ(3phase+4wire)

# A-20/22/24-L

Full Automatic Intelligent High-speed Fine Grinding Line A series - 20/22/24 - L-Shape



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**⊸** Grinding wheel

automatic adjustment





Grinding

high speed







Intelligent operating syste





Adopt precise and high efficient automatic detection table to realize automatic adjustment of any size; High speed opening and closing at 25m/min; High-speed edging up to 20m/min. All grinding wheels are automatically compensated, reducing the level of manual operation. Equipped with an intelligent operating system, the master control and scheduling are integrated, and the operation of the entire line can be easily controlled.

Equipped with an industrial Internet network system, it can realize functions such as remote monitoring, remote assistance and system maintenance. It is suitable for the processing of various types of glass, furniture and home appliance glass in the architecture industry.

Model	
Number of grinding spindles	20/22/24
Minimum glass size	350*350mm
Glass thickness	3-25mm
Processing speed	1-17m/min
Transmission speed	1-20m/min
Installed power	152.5KW
Opening and closing speed	25m/min
Table height	930±20mm
Power supply	380V/50HZ(3phase+4wire)



Classic Automatic Intelligent High-speed Fine Grinding Line B series - 20/22/24 - I - Shape



Internet system

**⊸** Grinding wheel



detection table

Grinding













Intelligent operating syster



Adopt precise and high efficient automatic detection table to realize automatic adjustment of any size; High speed opening and closing at 25m/min; High-speed edging up to 20m/min; Automatic compensation for polishing grinding wheel; Equipped with intelligent operating system integrated control and scheduling, easy control the operation of the whole line.

Equipped with an industrial Internet network system, it can realize functions such as remote monitoring, remote assistance and system maintenance. It is suitable for the processing of various types of glass, f urniture and home appliance glass in the architecture industry.

Model	
Number of grinding spindles	20/22/24
Minimum glass size	350*350mm
Glass thickness	3-25mm
Processing speed	1-17m/min
Transmission speed	1-20m/min
Installed power	152.5KW
Opening and closing speed	25m/min
Table height	930±20mm
Power supply	380V/50HZ(3phase+4wire)

# A/B-12/14-L

Full Automatic High-speed Fine Grinding Line A/B series - 12/14 - L-Shape



Grinding wheel

automatic adjustment

Industrial F Internet system



Grinding

high speed

Precision automatic High s detection table opening



High speed opening and closing



Intelligent operating syste





Adopt precise and high efficient automatic detection table to realize automatic adjustment of any size; High speed opening and closing at 25m/min; High-speed edging up to 20m/min; Equipped with intelligent operating system integrated control and scheduling, easy control the operation of the whole line.

Equipped with an industrial Internet network system, it can realize functions such as remote monitoring, remote assistance and system maintenance. It is suitable for the processing of various types of glass in the architecture industry.

Model	
Number of grinding spindles	12/14
Minimum glass size	350*350mm
Glass thickness	3 <b>-</b> 12mm
Processing speed	1 <b>-</b> 17m/min
Transmission speed	1-25m/min
Installed power	92.5KW
Opening and closing speed	20m/min
Table height	930±20mm
Power supply	380V/50HZ(3phase+4wire)

Full Servo Intelligent High-speed Fine Grinding Line As Series 9035-L-Shape/ I-Shape



Industrial Internet system



Precision automatic detection table



High speed opening and automatic adjustment





eel Grinding Intelligent stment high speed operating system



Super-jumbo size glass double edger production lines are specially designed for processing large and thick plate glass, which solves the problem of the seaming machine grinding accuracy of the large plate glass, and realizes the easy processing of large -sized glass. The production line is equipped with a multi -segment speed super -jumbo size glass precision detection table to ensure that it can effectively solve the oversized -plate glass detection, can also effectively take into account small glass detection, and achieve the function of detecting multiple small glass deposit on the countertop. The glass transmission is transmitted simultaneously with three to four sets of high-power servo motors to better ensure the processing accuracy and processing quality of large plate glass. Suitable for processing of special glass in the construction industry.

Model	
Number of grinding spindles	26/28/30
Minimum glass size	1200*350mm
Glass thickness	3-25mm
Processing speed	1-15m/min
Transmission speed	1-20m/min
Installed power	165KW
Opening and closing speed	25m/min
Table height	930±20mm
Power supply	380V/50HZ(3phase+4wire)

17

Full Servo Intelligent High-speed Fine Grinding Line AS Series 16035-L-Shape/ I-Shape



Industrial Internet system



detection table

High speed opening and

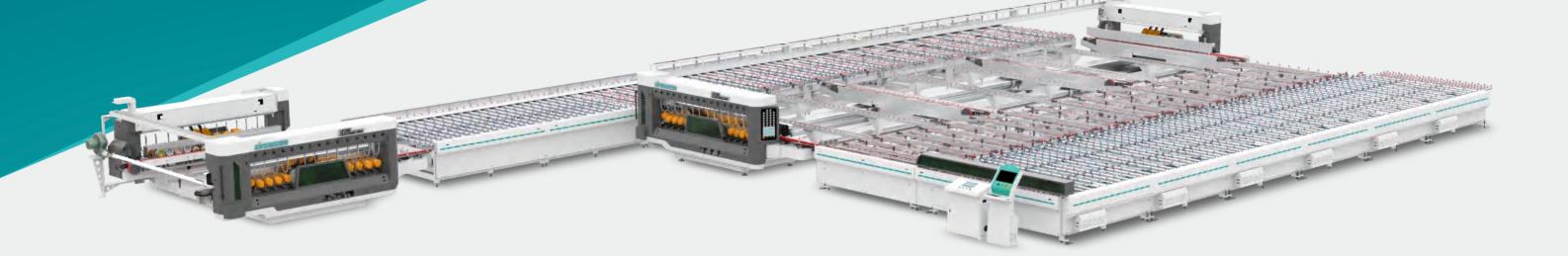


Grinding wheel automatic adjustment





Grinding Intelligent high speed operating system



Super-jumbo size glass double edger production lines are specially designed for processing large and thick plate glass, which solves the difficult of the four sides fine polishing of the large plate glass, and realizes the easy processing of large -sized glass. The production line is equipped with a multi -segment speed super -jumbo size glass precision detection table to ensure that it can effectively solve the oversized -plate glass detection, can also effectively take into account small glass detection, and achieve the function of detecting multiple small glass deposit on the countertop. The glass transmission is transmitted simultaneously with three to four sets of high -power servo motors to better ensure the processing accuracy and processing quality of large plate glass. Suitable for processing of special glass in the construction industry.

Model	
Number of grinding spindles	26/28/30
Minimum glass size	1600*350mm
Glass thickness	3-25mm
Processing speed	1-15m/min
Transmission speed	1-20m/min
Installed power	185KW
Opening and closing speed	25m/min
Table height	930±20mm
Power supply	380V/50HZ(3phase+4wire)

## LFSYM-8-L

High Speed Pencil Double Edging Line High Speed Pencil Double Edging Line Series 8-L-Shape



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**⊸** 

Grinding wheel

automatic adjustment







High speed opening and



Grinding

high speed





Intelligent operating syste





The high -speed pencil double edger machines is specializing in processing flat glass rounded edges (C shape). The production line is suitable for electronic glass, home appliances, furniture glass, and ultra-thin solar glass industries. It can complete the processing process of grinding and cutting safety corner online. The equipment adopts advanced industrial control and servo systems. It has the characteristics of high precision, high stability, and high efficiency to ensure stable, high -speed, and efficient processing, and reduce processing costs.

### **TECHNICAL PARAMETERS**

#### Model

Number of grinding spindles 8/12/16 Minimum glass size 350\*350mm Glass thickness 2-8mm 1-20m/min Processing speed Transmission speed 1-25m/min Installed power 28KW Opening and closing speed 25m/min Table height 930±20mm Power supply 380V/50HZ(3phase+4wire)

## **20/22/24 GRINDING HEAD**

High Speed Fine Grinding Single Machine Series
High Speed Fine Grinding Single Machine 20/22/24 Grinding Spindles



## LDZM5011

### **Horizontal Single Edging Machine**



### **TECHNICAL PARAMETERS**

Model	
Number of grinding spindles	20/22/24
Minimum glass size	100mm/300mm
Glass thickness	3-25mm
Processing speed	1-15m/min
Transmission speed	1-25m/min
Installed power	62/66KW
Opening and closing speed	25m/min
Table height	930±20mm
Power supply	380V/50HZ(3phase+4wire



Model	
Number of grinding spindles	20/22/24
Minimum glass size	100mm/300mm
Glass thickness	3-25mm
Processing speed	1-15m/min
Transmission speed	1-25m/min
Installed power	62/66KW
Opening and closing speed	25m/min
Table height	930±20mm
Power supply	380V/50HZ(3phase+4wire

