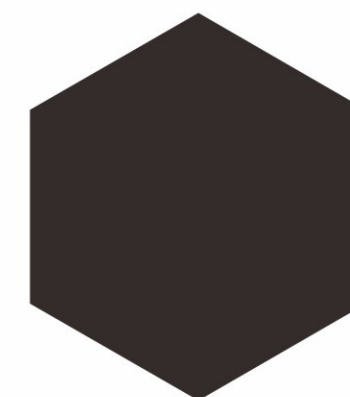


**GOLIVE 高力威**

**全球玻璃深加工技术的领航者**

**GOLIVE 高力威**

用心质造 一路前行



**全球玻璃深加工技术的领航者**

GLOBAL LEADER IN GLASS DEEP PROCESSING TECHNOLOGY



微信视频号



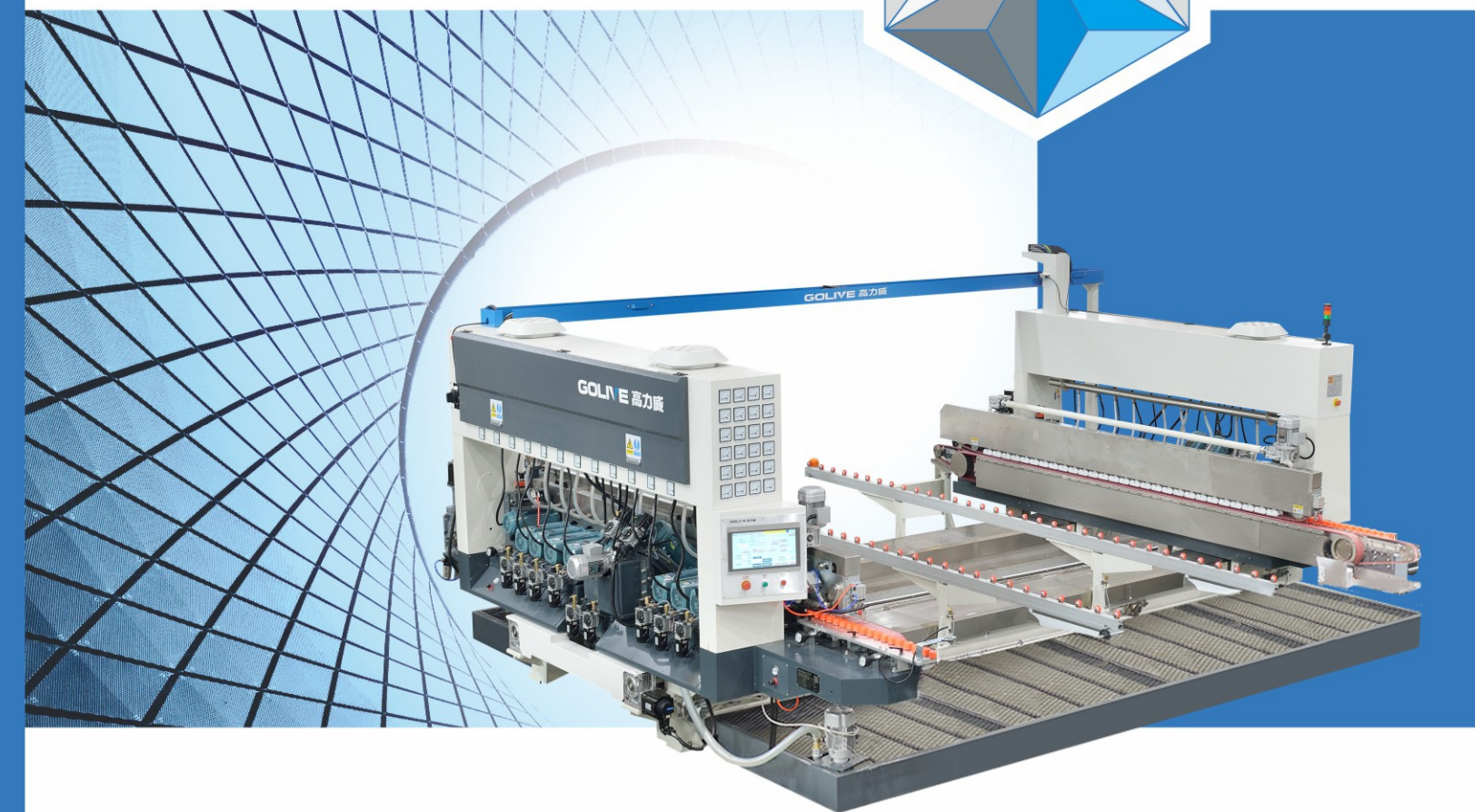
抖音号



微信公众号

# GOLIVE 高力威

用心质造 一路前行



## GOLIVE 高力威

用心质造 一路前行

### 广东高力威机械科技有限公司

GUANGDONG GOLIVE MACHINERY TECHNOLOGY CO.,LTD

地址：广东省佛山市顺德区大良凤翔工业区成业路11号  
Add: No.11, Chengye Road, Fengxiang Industrial Area, Daliang, Shunde, Foshan City, Guangdong Province, China  
Tel: +86 757 22386788 / 22381319 / 22319681  
售后服务热线：400-830-1010  
E-mail: sales@golive.cn Http: www.gdgedun.com

产品不断改良，机器外观与技术参数变更时，均以合同为准，恕不另行知  
The product is continuously improved, and the appearance and technical parameters of the machine are subject to the contract without prior notice.

### 全球玻璃深加工技术的领航者

GLOBAL LEADER IN GLASS DEEP PROCESSING TECHNOLOGY

# GOLIVE 高力威

用心质造 一路前行

## > 理念

公司经营理念：我们追求自然和谐。  
市场战略理念：我们通过不断创新、持续改进，最终成为玻璃深加工技术的领航者。  
经营体制理念：我们践行三公、三民，追求员工物质、精神的幸福。  
社会性理念：我们追求与社会相融共生。  
人材理念：我们坚持人材姿势 × 意识 × 执行力 × 见识(Know-how)的培养。

## CONCEPT

Operation philosophy: We seek natural harmony.  
Market strategic philosophy: Eventually become the world's leader of glass deep processing, making through continuous innovation and improvement.  
Operating system philosophy: We pursue employees substance and spiritual happiness.  
Social philosophy: We pursue social symbiotic.  
Personnel philosophy: We insist on cultivating talent × awareness × executive force × insight.

## > 使命

在追求全体员工物质和精神两方面幸福的同时，以世界领先的玻璃深加工智能质造技术、应用和服务，推动玻璃产业持续进步

## MISSION

In pursuit of both material and spiritual happiness of all employees, at the same time, with the world's leading glass deep processing intelligent quality technology, application and service, to promote the glass industry to continue to progress

## > 愿景

成为全球玻璃深加工技术的领航者

## VISION

Become a global leader in glass deep processing technology

## > 价值观

诚信、利他、高效、创新、担当、共赢

## VALUES

Integrity, altruism, efficiency, innovation, responsibility, win-win

## > 品牌承诺

只为客户的每一次满意而努力；只为客户的每一次感动而创新。

## BRAND COMMITMENT

To strive for every satisfaction of customers; To innovate for every touch of customers.



# ABOUT US

## 关于我们

高力威，玻璃深加工智能工厂方案设计、设备制造、系统集成服务商，国家专精特新小巨人企业、国家高新技术企业、国家知识产权优势企业、广东省工业互联网应用标杆企业、广东省省级企业技术中心。旨在研发建筑玻璃、太阳能玻璃、产业(展示、水族、电子、电器、家居)玻璃世界领先的仓储技术、磨边技术、清洗技术、检测技术、理片优化技术、搬运传输技术，为世界玻璃深加工行业顶层设计清洁、节能、高效、智能的整体解决方案和项目实施。

高力威，二十多年如一日，我们“初心”不渝，专注推动玻璃深加工技术的进步，致力让“企业标准”成为“行业标准”，“中国标准”成为“世界标准”。我们始终坚持“匠心”质造，技术创新，迭代产品，向全球客户输出价值产品与精益服务。我们“真心”育人和做事，坚信和践行“品牌的背后是品质、品质的背后是品格、品格的背后是人格、人格的背后是哲学”的理念。展望未来，我们“信心”满怀，颠覆行业的数质、互联与用户体验，引领行业迈进数质未来。

高力威，用心质造，智领未来。愿与全球客户携手并肩，共同成为高收益企业和幸福企业！

GOLIVE is a program design, equipment manufacturing and system integration service provider for glass deep processing intelligent factory. It is a national small giant enterprise, a national high-tech enterprise, a national enterprise with intellectual property advantages, an industrial Internet application benchmarking enterprise of Guangdong Province, and a provincial enterprise Technology center of Guangdong Province. It aims to develop world-leading storage technology, edging technology, cleaning technology, testing technology, chip optimization technology, handling and transmission technology for building glass, solar glass, industrial (exhibition, aquarium, electronics, electrical appliances, household) glass, and design clean, energy-saving, efficient and intelligent overall solutions and project implementation for the top level of the world's glass deep processing industry.

GOLIVE, more than 20 years, our "original intention" unswervingly, focus on promoting the progress of glass deep processing technology, is committed to making "enterprise standard" become "industry standard", "China standard" become "world standard". We always adhere to the "ingenuity" of quality, technological innovation, iterative products, to export value products and lean services to global customers. We educate people and do things "sincerely", firmly believe and practice the idea that "behind the brand is quality, behind the quality is character, behind the character is personality, behind the personality is philosophy". Looking into the future, we are full of "confidence" to disrupt the industry's digital quality, interconnection and user experience, and lead the industry into the future of digital quality.

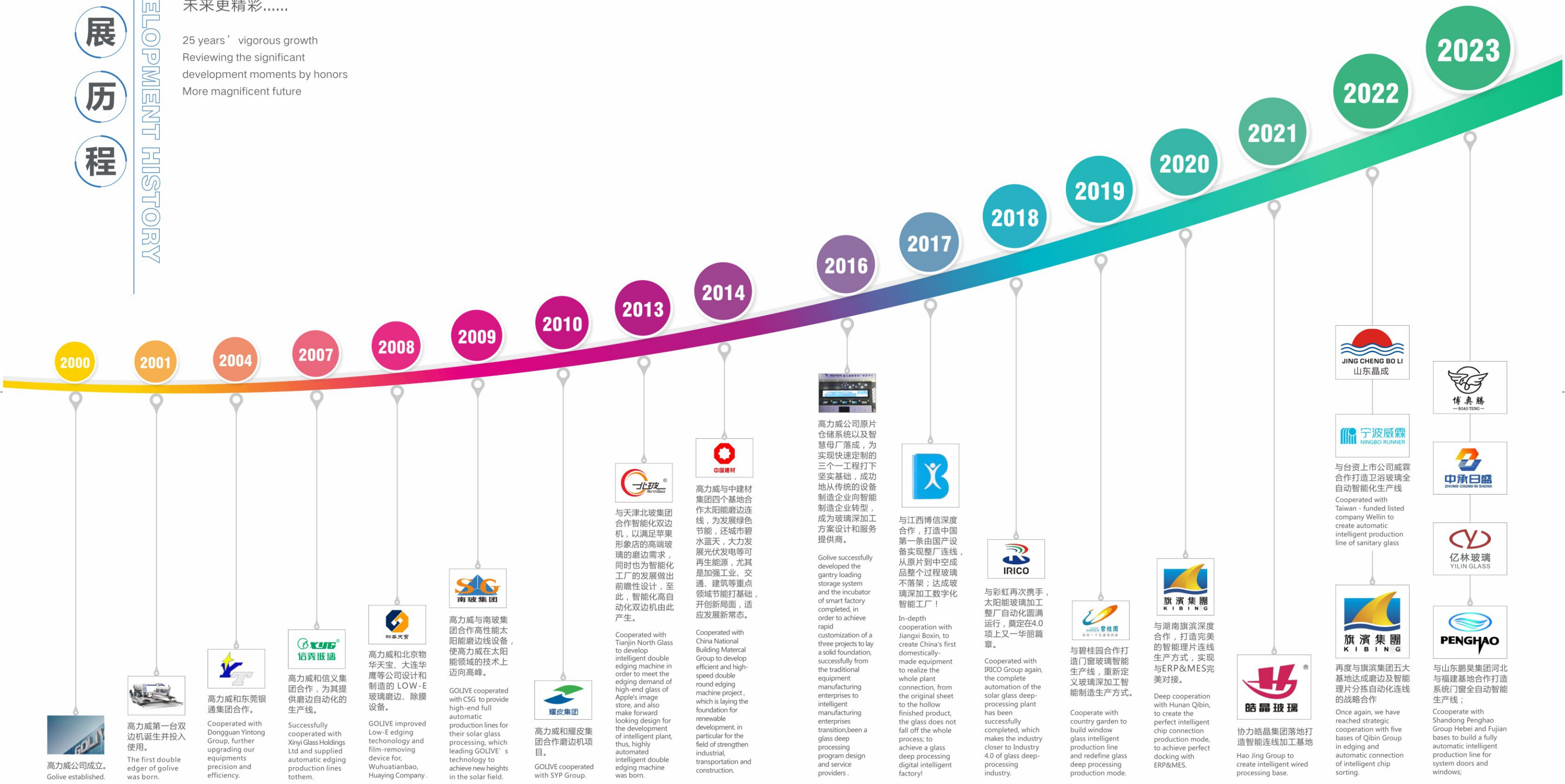
GOLIVE, heart quality, wisdom leading the future. We are willing to work hand in hand with global customers to become a high-yield enterprise and a happy enterprise!

# 发展历程

## DEVELOPMENT HISTORY

25年的茁壮成长，  
荣誉记载历史的脚步，  
未来更精彩.....

25 years' vigorous growth  
Reviewing the significant  
development moments by honors  
More magnificent future



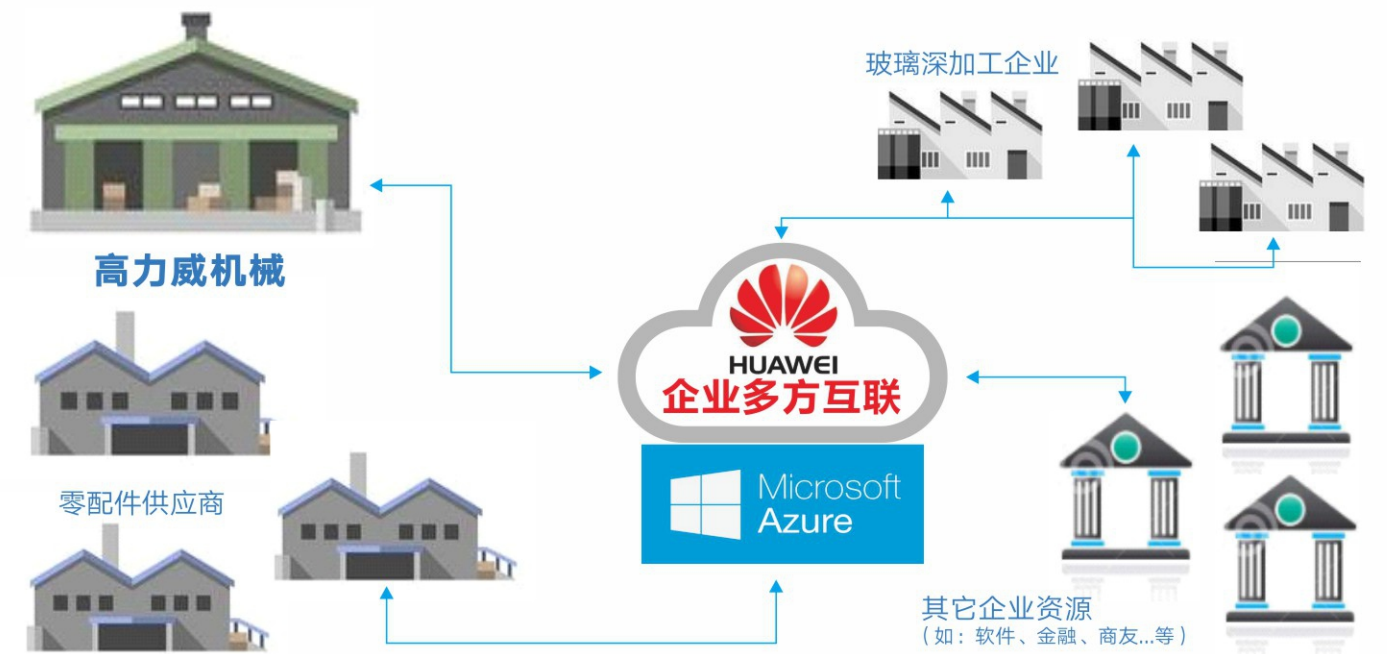
新  
定  
位  
NEW POSITIONING

# INDUSTRIAL INTERNET CENTRE 高力威工业互联网中心

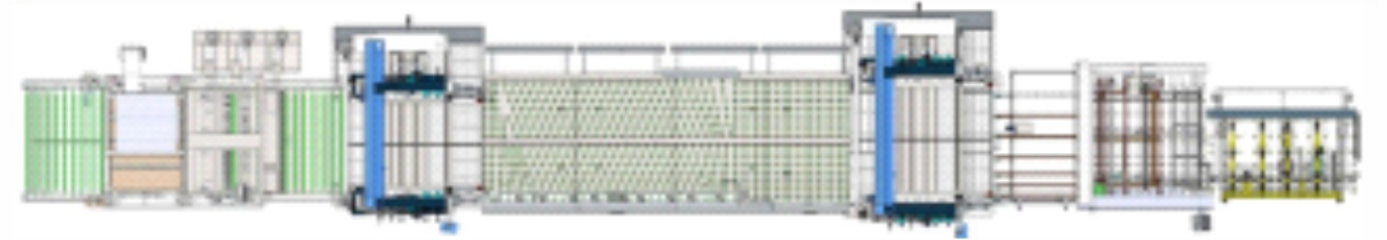


透明运维，远程诊断，智能决策，精准执行

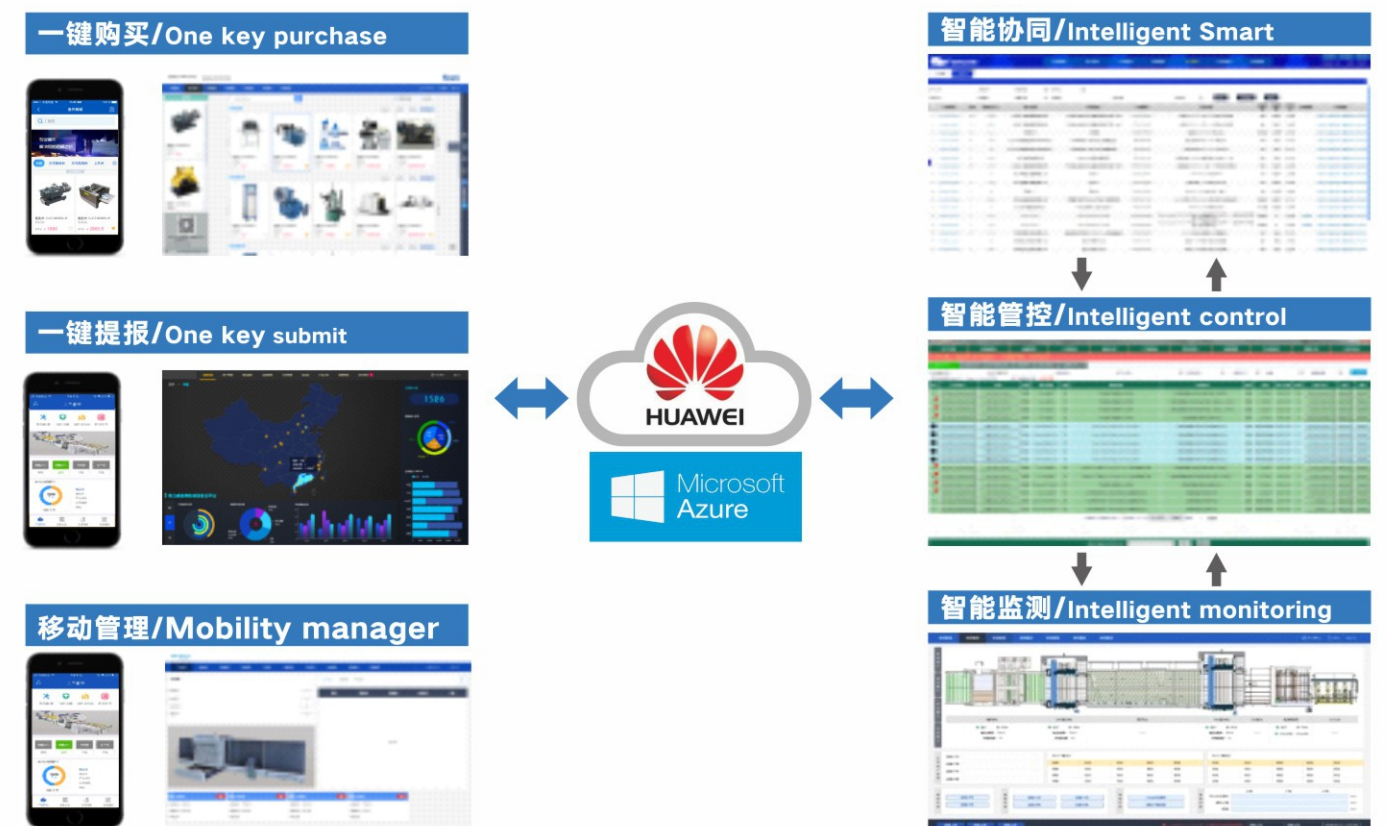
Transparent operation and maintenance, remote diagnosis, Intelligent decision-making, accurate execution



玻璃深加工通用设备



只要你想到的在这里都可以变成现实  
All your possibilities can become true here



未

来

已

来

适者生存，变者愈强

工业4.0新时代，高力威御风而上实现互联、数据、创新一体化帮助客户节省开支与成本，预知风险和隐患，赋予经营管理新的智慧和未来。

## New Future:

Survival of the fittest and keeping making progress GOLIVE forges ahead bravely in Industry 4.0 era. It aims at realizing interconnection and integrati data and innovation. It finally tries to save expenditure and costs for clients, predict risks and hidden dangers and redefine new management intelligence and future.



## INTELLIGENT MANUFACTURING 智能制造

智能制造让工厂更像展览馆  
工人更像巡视员  
老板活得更加有尊严

Intelligent manufacturing makes the factory more like an exhibition hall,  
The workers are more like a patrol,  
And the boss lives more dignified.

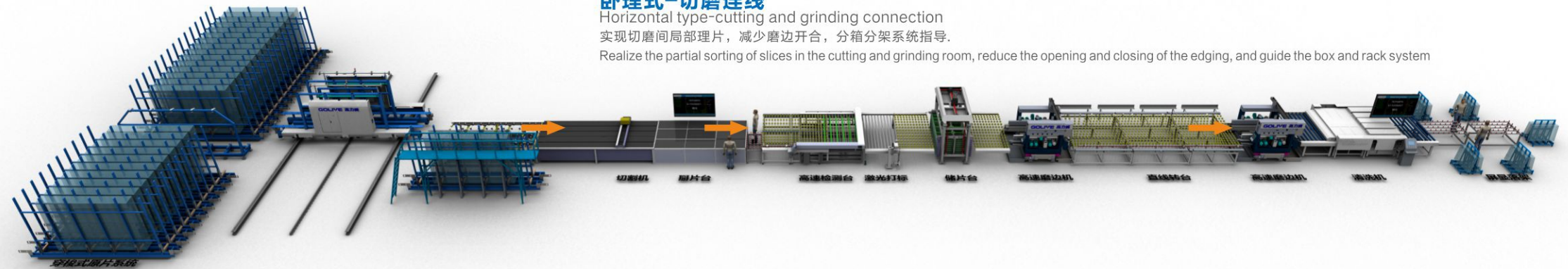
## UNIT CONTROL SYSTEM 单元管控系统

- A 原片仓储控制系统  
Float glass storage control system
- B 切割优化软件控制系统  
Cutting optimization control system
- C 磨边清洗优化系统  
Edging and cleaning optimization system
- D 自动理片排片系统  
Automatic optimization & sorting control system
- E 钢化炉优化装裁系统  
Toughened furnace loading system
- F 中空线前自动配对管控系统  
Sorting control system before Insulating line
- G 卫浴玻璃自动理套管控系统  
Bathroom glass automatic management and control system

### 卧理式一切磨连线

Horizontal type-cutting and grinding connection  
实现切磨间局部理片，减少磨边开合，分箱分架系统指导。

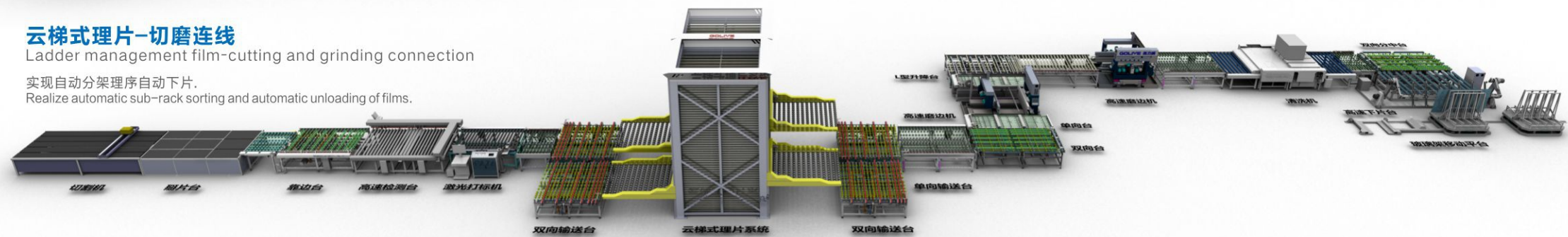
Realize the partial sorting of slices in the cutting and grinding room, reduce the opening and closing of the edging, and guide the box and rack system



### 云梯式理片一切磨连线

Ladder management film-cutting and grinding connection

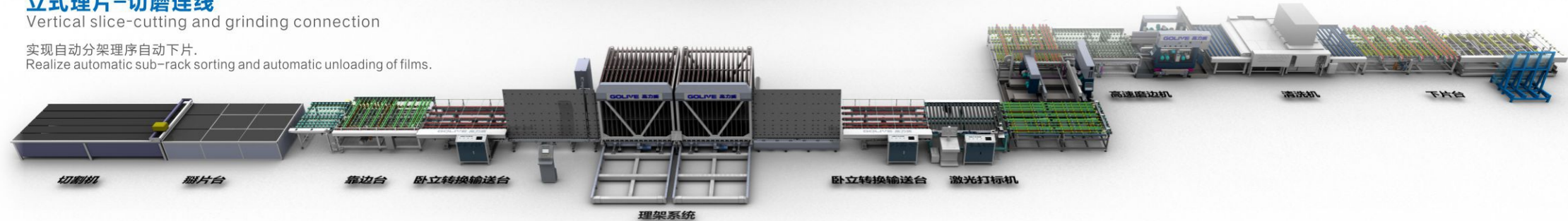
实现自动分架理序自动下片。  
Realize automatic sub-rack sorting and automatic unloading of films.



### 立式理片一切磨连线

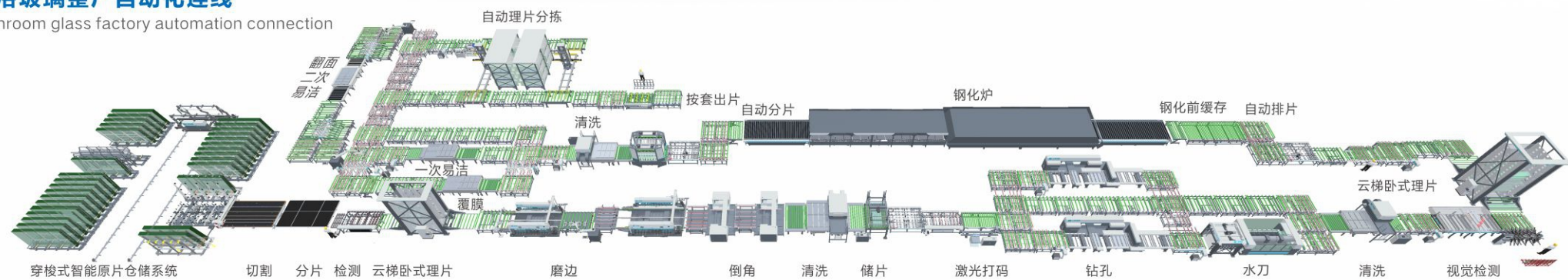
Vertical slice-cutting and grinding connection

实现自动分架理序自动下片。  
Realize automatic sub-rack sorting and automatic unloading of films.



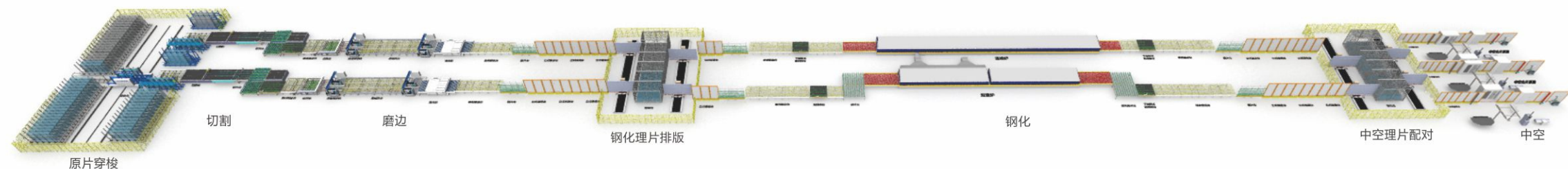
### 卫浴玻璃整厂自动化连线

Bathroom glass factory automation connection



### 整厂自动一直线型连线

The whole factory is automatically connected to the linear line



目 录

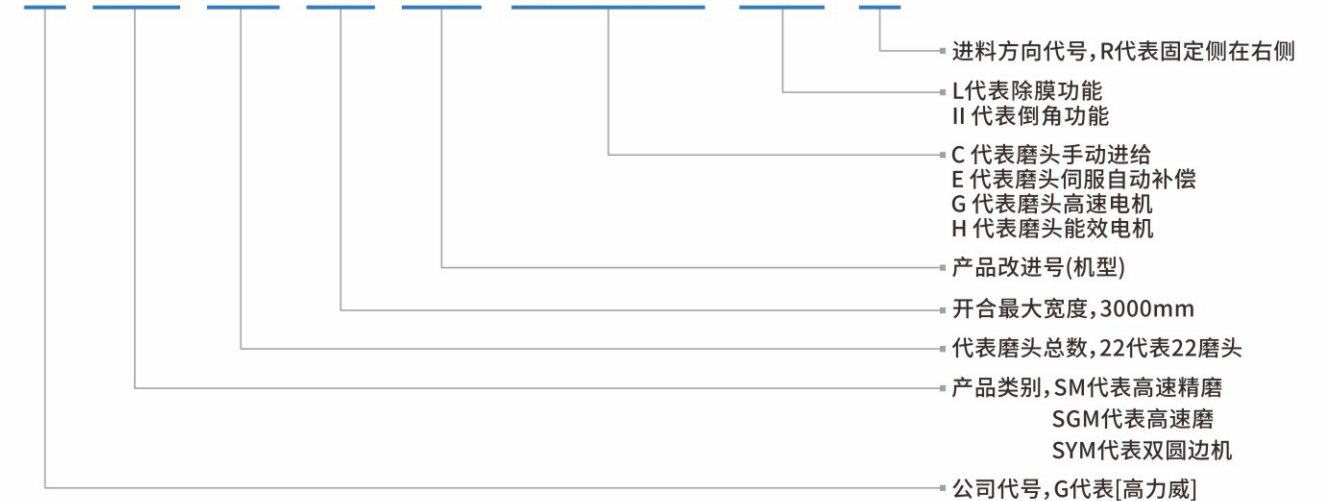
CONTENTS

GSM24**MJ-E/G/H	GSM22**MJ-E/G/H-L 智能高速精磨双边机(手自一体)	07
Intelligent high-speed fine grinding double edger machine(manual-automatic integration)		
GSM24**MJ-C	GSM22**MJ-C-L 智能高速精磨双边机(手动进给)	08
Intelligent high-speed fine grinding double edger machine(Manual feed)		
GSM24**MJ-G/H	GSM22**MJ-G/H-L 智能高速精磨连线(直线型布局案例)	09
Intelligent high-speed fine grinding connection (I Shape Layout)		
GSM24**MJ-C/E	GSM22**MJ-C/E-L 智能高速精磨连线(L型布局案例)	11
Intelligent high-speed fine grinding line (L Shape layout)		
GSGM18**MJ-G/H	GSGM16**MJ-G/H-L 智能高速精磨双边机(手自一体)	13
Intelligent high speed fine grinding double edger machine(manual-automatic integration)		
GSGM18**MJ-C/E	GSGM16**MJ-C/E-L 智能高速精磨双边机(手动进给/手自一体)	15
Intelligent high speed fine grinding double edger machine(Manual feed / Manual automatic integration)		
GSGM18**MJ-G/H	GSGM16**MJ-G/H-L 智能高速精磨连线(L型布局案例)	17
Intelligent high-speed fine grinding line (L Shape layout)		
GSGM18**MJ-G/H	GSGM16**MJ-G/H-L 智能高速精磨连线(直线型布局案例)	19
Intelligent high-speed fine grinding line (I Shape Layout)		
GSM-28/30**J(E)	智能高速精磨双边机(28/30磨头)	21
Intelligent high-speed fine grinding double edger machine (28 / 30 Spindles)		
GSZM-HA/HB	智能高速四边磨(三梁四磨头)	22
Intelligent high-speed (3bridges 4 spindles seaming machine)		
GDTM	智能精磨端面磨边机	23
Intelligent precision grinding end edging machine		
GSM26-T	大斜边磨边机	25
Large Beveling Machine		
GSYM08/12**D	直线双圆边机	26
Pencil Edger Machine		
GSYM08**D	直线双圆边机	27
I Shape Pencil Edger Line		
GWZM1125/1145/1160	卧式单边磨边机	29
Horizontal Single Edging Machine		
GJCT 2520/3025/3625/4025/4030/4530/5030/6030-D	智能检测台	30
Standard Detecting Table		
GZXP2520/3025/3625/4025/4530/5030/6030C	转盘式直线型中转台	31
Straight-line transfer table(with 90 degree turning rack)		
GRRT-2313	旋转机械臂	32
Rotary Arm Machine		
GLSP/GLXP2520/3025/3625/4025/4525	自动立式上下片台	32
Automatic Vertical Loading/Unloading Table		
GGSP/GGXP 2515/3025/4225	高速自动上下片	33
High-speed automatic loading and unloading		
GSP/GXP	自动上下片台	34
Automatic Loading/Unloading Table		
GQX16F-A/B	玻璃清洗干燥机	35
Washing & Drying Machine		
GQX16/20/25/30/33H-B	玻璃清洗干燥机	36
Washing & Drying Machine		
工业4.0-自动化连线篇		37
INDUSTRY 4.0- AUTOMATIC CONNECTION		
建筑领域/卫浴领域/光伏领域--自动化连线方案及案例		39-44
Construction field program/Shower room field/Photovoltaic field--Automatic connection scheme and case		
GCS 4228/5133/6133	智能原片仓储系统(穿梭取片机)	45
Intelligent Raw Material Storage System (Shuttle Machine)		
智能原片仓储系统-龙门式		47
Intelligent Storage System ( Gantry Loader )		
卫浴玻璃智能理片分拣系统		49
Intelligent sorting system for shower door glass		
GWGC3525/4525/6030	全自动智能理片仓储系统	51
Fully Automatic Smart Sorting & Matching System		
GLJ2520/3025/3525	智能理架系统	53
Smart Sorting & Matching System		
GCPT 2520/3025/3525/4025	卧式理片储片台(自由取片)	55
Horizontal Sorting And Storage Station(Free Glass Taking)		
GYT2520/3520	云梯式理片系统	56
Cloud ladder type glass management system		
GCP2520/3620	缓存储片台	56
Buffer storage		
GPPT5030/6028	钢化自动排炉系统	57
Tempered Automatic Glass Allocation System		
GJDB 2520/3025/4025	移动式激光打标系统	58
Mobile Laser Marking System		

双边磨型号编制规则举例

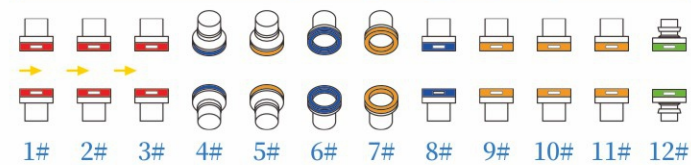
Examples of the rules for formulating double-sided mill models

G SM 22 30 MJ C/E/G/H-L/II-R



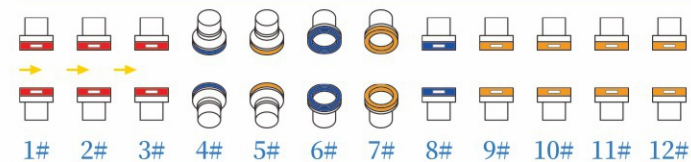
GSM22\*\* MJ-L系列磨轮布置示意图(含除膜)

GSM22\*\* MJ-L Series Grinding wheel layout diagram (Including film removal)



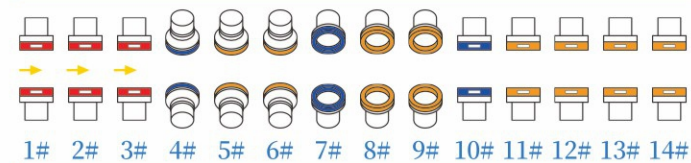
GSM24\*\* MJ系列磨轮布置示意图(含抛光)

GSM24\*\* MJ Series Grinding wheel layout diagram (Including polishing)



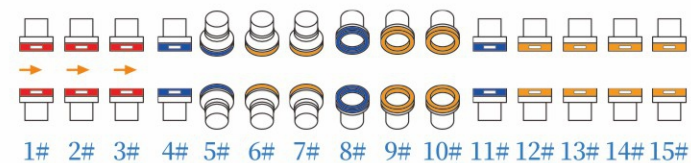
GSM28\*\* MJ系列磨轮布置示意图

GSM 28 grinding head MJ series grinding wheel layout diagram



GSM30\*\* MJ系列磨轮布置示意图

GSM30\*\* MJ series grinding wheel layout diagram



双边机磨头说明图

Illustration of double-sided grinding head



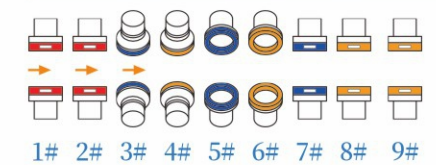
圆边机磨头说明图

Illustration of grinding head of round edge machine



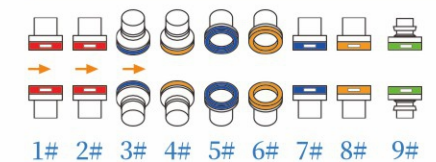
GSGM18\*\* (8+1)MJ系列磨轮布置示意图(含抛光)

GSGM18\*\* (8+1)MJ Series grinding wheel layout schematic diagram (Including polishing)



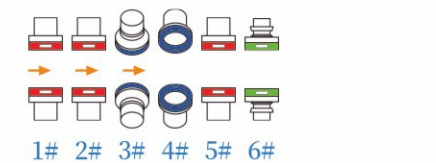
GSGM16\*\* (8+1)MJ-L系列磨轮布置示意图(含除膜)

GSGM16\*\* (8+1)MJ-L series grinding wheel layout diagram (Including film removal)



GSGM10\*\* (5+1)MJ-L系列磨轮布置示意图

GSGM10\*\* (5+1)MJ-L series grinding wheel layout diagram



GSYM12(6+1)\*\* II磨轮布置图(含倒角)

GSYM12(6+1)\*\* II Grinding wheel Layout (Including chamfer)



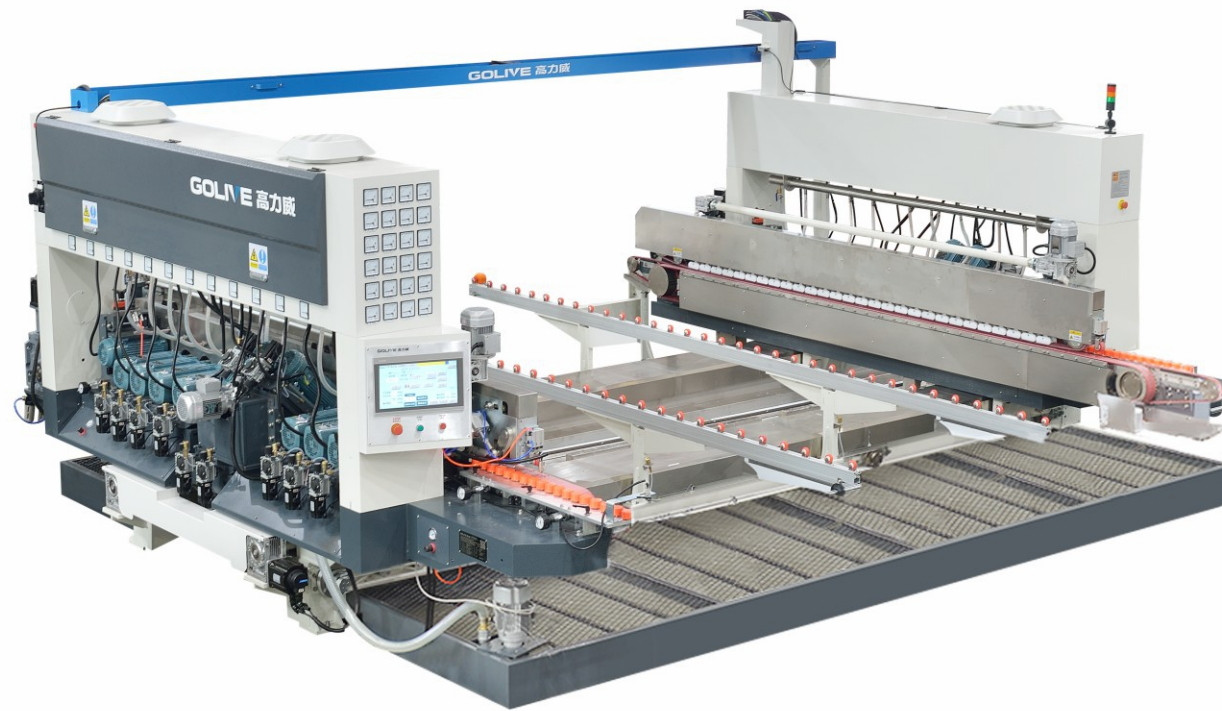
GSYM08(4+1)\*\* II磨轮布置图(含倒角)

GSYM08(4+1)\*\* II Grinding wheel Layout (Including chamfer)



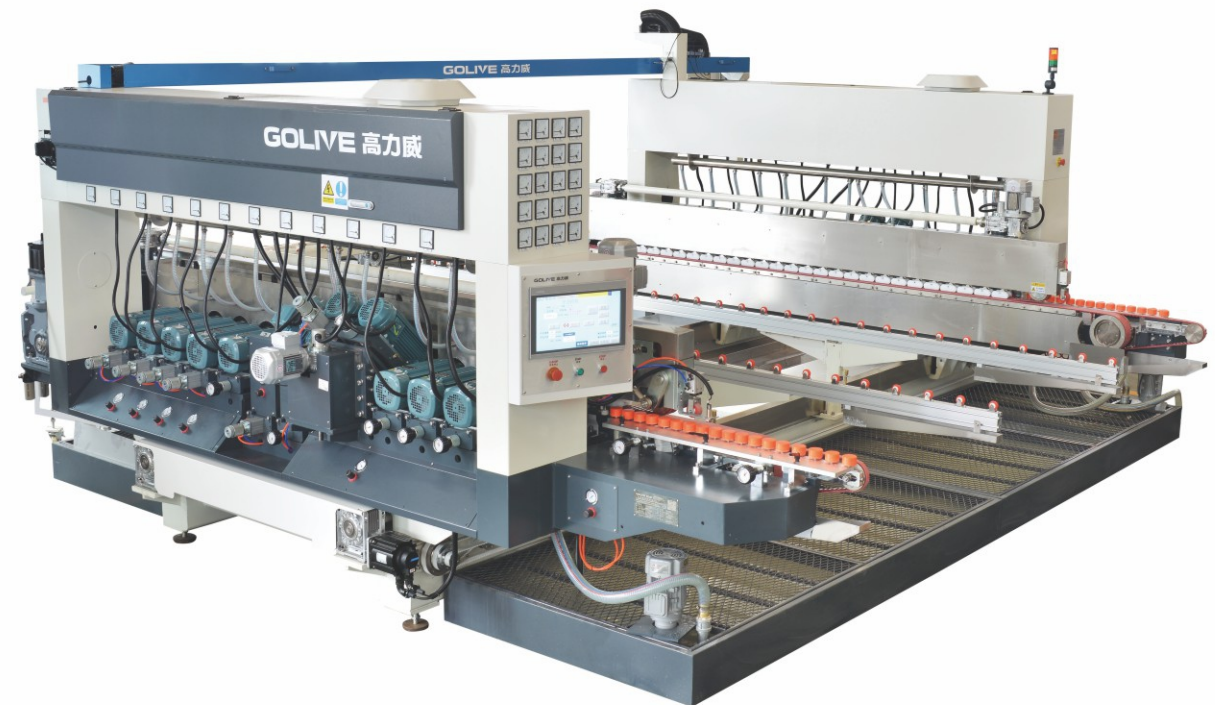
# GSM24\*\*MJ-E/G/H GSM22\*\*MJ-E/G/H-L 系列/SERIES

Intelligent high-speed fine grinding double edger machine(manual-automatic integration)  
智能高速精磨双边机(手自一体)



# GSM24\*\*MJ-C GSM22\*\*MJ-C-L 系列/SERIES

Intelligent high-speed fine grinding double edger machine(Manual feed)  
智能高速精磨双边机(手动进给)

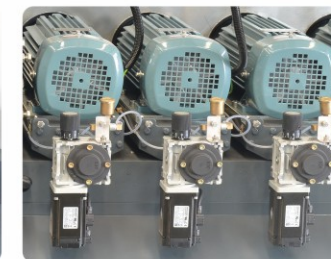


## 主要技术参数 Main Technical Specification

类别	Category	参数 Parameters
最大加工玻璃规格	Max.Glass Processing Size	1000/1600/2000/2500/3000/3600/4200/4500/5000/6000/7000/8000/9000/10000mm
最小加工玻璃规格	Min.Glass Processing Size	80 ( 1米以下 ) /300 ( 3米以下 ) /310 ( 3.6米 ) /470 ( 4~6米 ) /850以上 ( 6米以上定制 )
加工玻璃厚度	Glass Thickness	3~25mm
传送速度	Transmission Speed	MJ-C/E系列 : 1~20m/min ; MJ-G/H系列 : 1~30m/min ;
总功率	Installed Power	78~93kw
底边双边最大磨削量	Max.Grinding Quantity of Bottom Edge	5mm
倒角宽度尺寸	Chamfer Width	1~3mm
倒角最大磨削量	Max.Grinding Quantity of Chamfer	3mm
玻璃宽度调整速度	Speed of Size Changing	最高8m/min
工作台面高度	Working Table Height	920±20mm , 3.6米以上930±20mm
气动工作气压	Compress Air Pressure	6~8kg/cm <sup>2</sup>
水泵流量	Water Pump Flow	640L/min
平行误差	Glass Parallel Tolerance	≤0.2mm/m
对角线误差	Glass Diagonal Tolerance	≤0.5mm/m
倒角宽度误差	Chamfer Tolerance	≤0.2mm/m



MJ-H 手自一体伺服结构 (能效电机)  
MJ-H Manual-automatic integration (energy efficiency motor)



MJ-E 手自一体伺服结构  
MJ-E Manual-automatic integration servo structure



MJ-C 粗磨手动结构  
MJ-C Coarse grind Manual structure



MJ-C 手气抛光结构  
MJ-C Pneumatic polishing structure

序号	功能	描述
1	磨边速度智能调整 Intelligent adjustment of grinding speed	磨边速度根据玻璃规格及品质的要求智能调速 The edging speed is adjusted intelligently according to the requirements of glass specifications and quality.
2	飞边检测功能 Extra edge detect function	磨边速度根据磨边量的大小自适应匹配、防止崩边 Grinding speed adapts to the grinding quantity grinding to prevent edge breakage
3	智能休眠 Intelligent sleep	长时间不磨削可以自动停机,有玻璃则自动启动 Long time no grinding can automatically stop, when glass enter will automatically start.
4	一键调整功能 One-button adjustment function	压紧架、开合、45°倒角升降自动调整到位 Pressing rack, opening and closing, 45° chamfer lifting automatic adjustment in place
5	自动开合中心托架 Automatic center support device	中心托架自动居中、自动开合 The center support is automatically centered
6	自动润滑床身丝杆、导轨 Automatic lubrication of bed screw and guide rail	自动加油润滑, 保证寿命 Automatic filling oil for lubrication ensure the service life
7	自动调整 Automatically adjust	根据玻璃尺寸、厚度自动调整开合尺寸及压紧架高度 Automatic adjust the glass size,thickness by changing the pressing rack height and open/close size
8	看板功能及打标功能 (选配) Process monitor panel function & laser mark function(options)	自动化连线可选配看板下架功能及打标签功能 Automatic connection can be optional with process monitor panel function & laser mark function

# GSM24\*\*MJ-G/H GSM22\*\*MJ-G/H-L 系列/SERIES

( 2520/3025/3625/4025/4030/4530/5030/6030 )  
Intelligent high-speed fine grinding connection (manual automatic integration)  
智能高速精磨连线(手自一体)

原片玻璃厚度 **12mm**  
Glass thickness 12mm  
单边磨削量 **2mm**  
Each edge remove 2mm quantity  
淋浴房标准  
Shower door standard  
精磨速度 **30米/分**  
Process Speed 30 m/min

高速 稳定 节能 静音

## 直线型连线 I Shape Layout

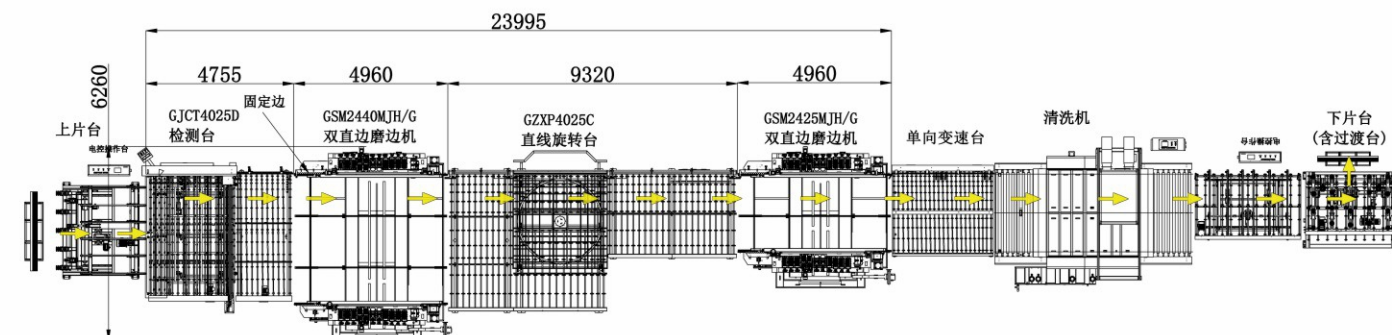
### 产品描述 :

- 适用于平板建筑玻璃、淋浴房玻璃、家具玻璃及家电玻璃等行业玻璃的加工 ;
- 开合8米/分,主传动30米/分,高速高精度磨边,产能倍增 ;
- 即可高速粗磨又可高速精磨,一机两用 ;
- 配备四高三低电机(高转速、高精度、高刚性、高寿命、低能耗、低温升、低噪音)
- 可选配一级能效电机(节能30%)。

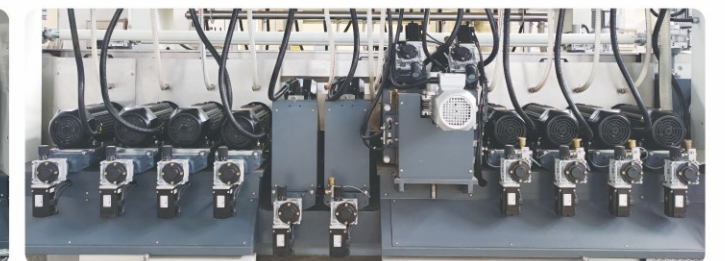
### Product descriptions :

- It is suitable for the processing of flat glass, shower glass, furniture glass and household appliance glass.
- Opening and closing 8 meters/min, the main drive 30 meters/min, high speed and high precision edge grinding, production capacity doubling;
- Can be high speed coarse grinding and high speed fine grinding, one machine for both purposes;
- Equipped with four three low motor (high speed, high precision, high rigidity, high life, low energy consumption, low temperature rise, low noise)
- Optional first level energy efficiency motor(Energy saving 30%).

### 直线型布局案例/I Shape Layout :



MJ-G 手自一体伺服结构  
MJ-G Manual automatic integration servo structure



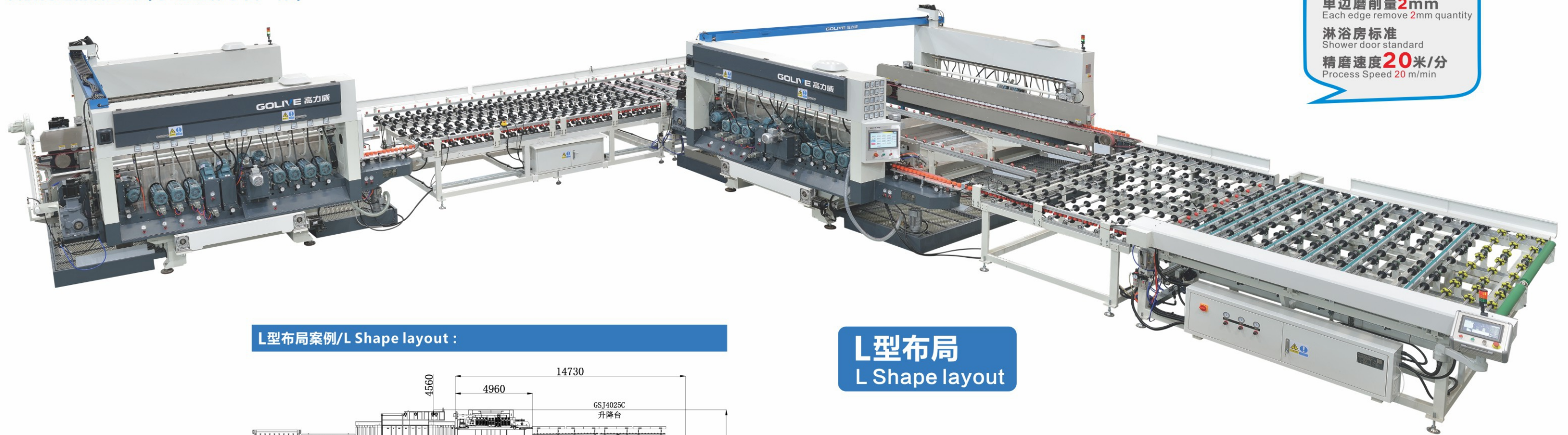
MJ-H 手自一体伺服结构  
MJ-H Manual automatic integration servo structure

# GSM24\*\*MJ-C/E GSM22\*\*MJ-C/E-L 系列/SERIES

( 2520/3025/3625/4025/4030/4530/5030/6030 )

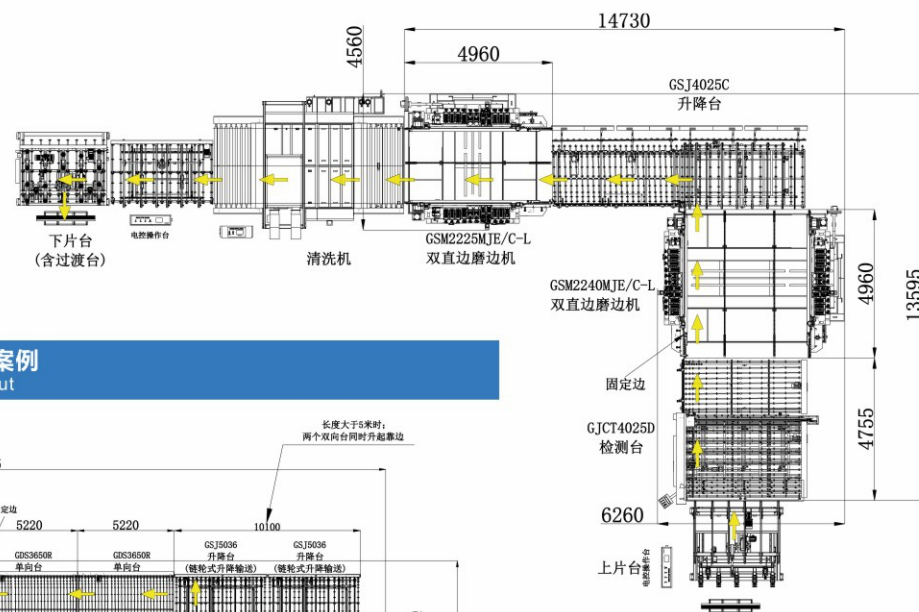
Intelligent high-speed fine grinding line (Manual feed / Manual automatic integration)

智能高速精磨连线 (手动进给/手自一体)

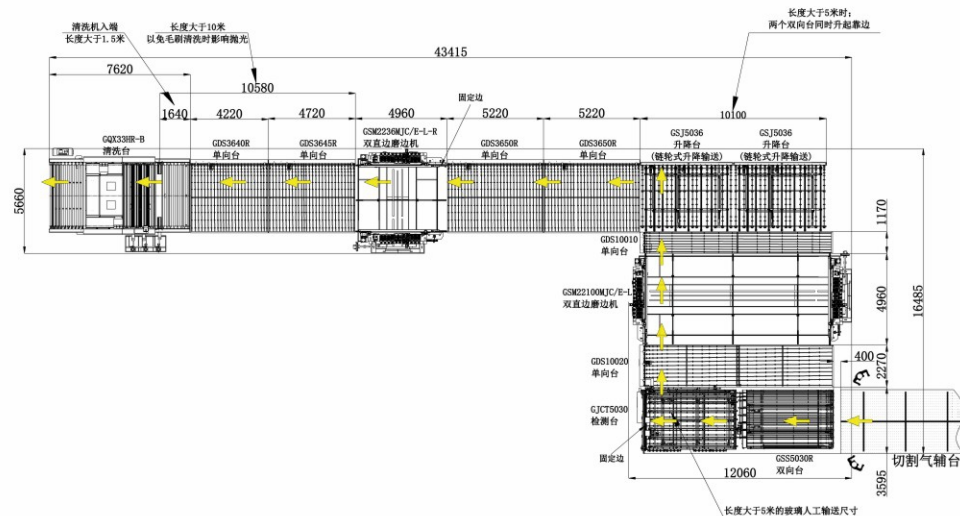


原片玻璃厚度 **12mm**  
Glass thickness 12mm  
单边磨削量 **2mm**  
Each edge remove 2mm quantity  
淋浴房标准  
Shower door standard  
精磨速度 **20米/分**  
Process Speed 20 m/min

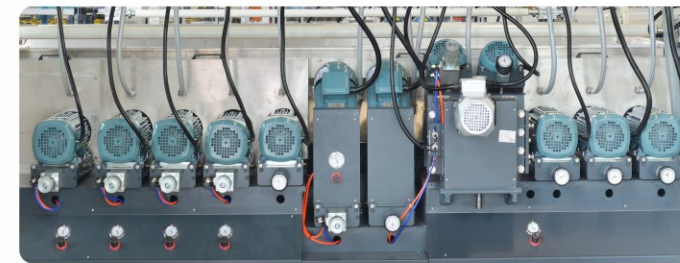
## L型布局案例/L Shape layout :



## 10米超大版玻璃加工解决方案: L型布局案例 10m big size glass process solution: L Shape Layout



## L型布局 L Shape layout



MJ-C 手动进给结构  
MJ-C Manual feed structure



MJ-E 手自一体伺服结构  
MJ-E Manual automatic integration servo structure

### 产品描述:

- 适用于平板建筑玻璃、淋浴房玻璃、家具玻璃及家电玻璃等行业玻璃的加工;
- 开合8米/分, 主传动20米/分, 高速高精度磨边, 产能倍增;
- 即可高速粗磨又可高速精磨, 一机两用;
- 配备四高三低电机 (高转速、高精度、高刚性、高寿命、低能耗、低温升、低噪音)

### Product descriptions :

- It is suitable for the processing of flat glass, shower glass, furniture glass and household appliance glass.
- Opening and closing 8 meters/min, the main drive 20 meters/min, high speed and high precision edge grinding, production capacity doubling;
- Can be high speed coarse grinding and high speed fine grinding, one machine for both purposes;
- Equipped with four three low motor (high speed, high precision, high rigidity, high life, low energy consumption, low temperature rise, low noise)

# GSGM18\*\*MJ-G/H GSGM16\*\*MJ-G/H-L 系列/SERIES

Intelligent high speed fine grinding double edger machine  
(manual automatic integration)

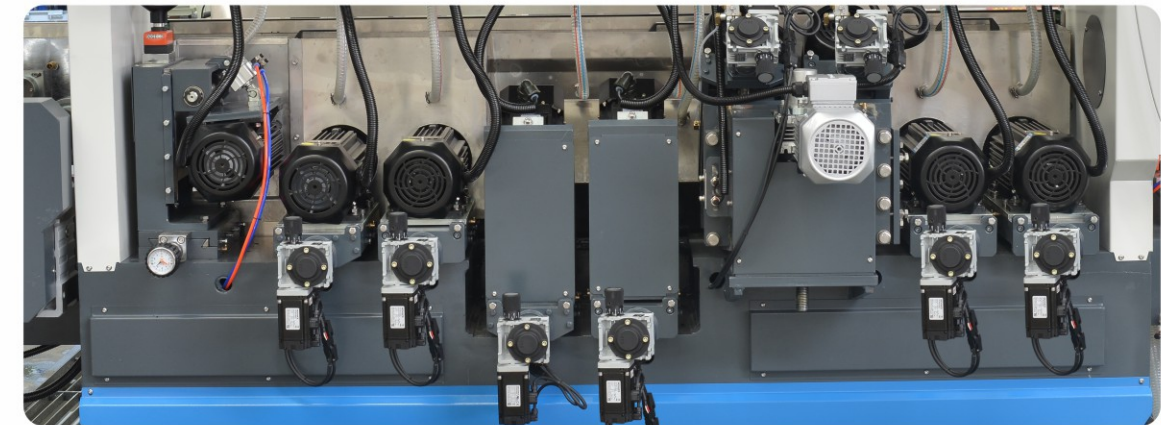
智能高速精磨双边机(手自一体)

磨削速度**30米/分**  
Grinding Speed 30 Meter/min  
全散单**5片/分** All different size: 5 Pcs/min  
**家装系统门窗首选**  
The first choice for home improvement system doors and windows  
**系统门窗玻璃磨边品质的天花板**  
Ceiling with system door and window glass edging quality

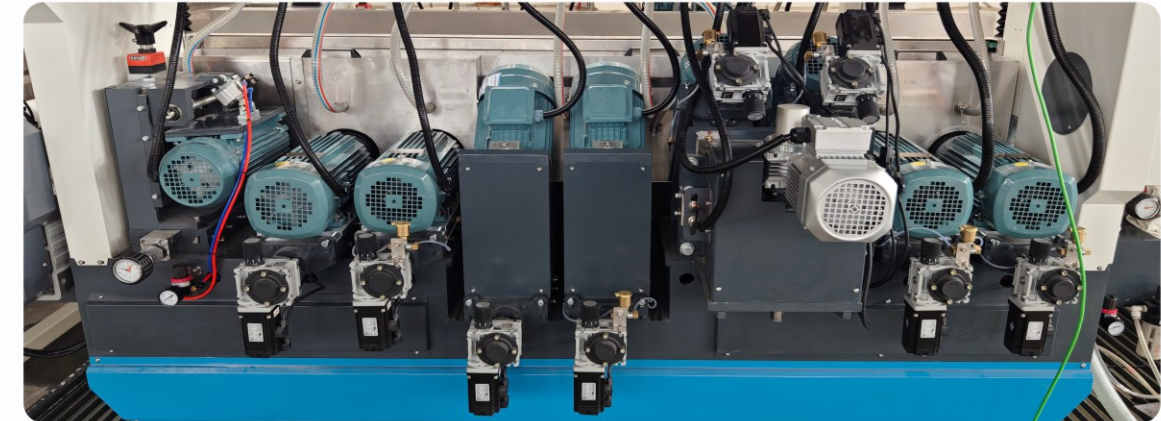


## 主要技术参数 Main Technical Specification

类别	Category	参数 Parameters
最大加工玻璃规格	Max.Glass Processing Size	1600/2000/2500/3000/4200/5000/6000mm
最小加工玻璃规格	Min.Glass Processing Size	300/470mm (4m以上, 6m以下)
加工玻璃厚度	Glass Thickness	3~12mm
传送速度	Transmission Speed	1~30m/min
装机功率	Installed Power	70~79kw
底边双边最大磨削量	Max.Grinding Quantity of Bottom Edge	2.5mm
倒角宽度尺寸	Chamfer Width	1~3mm
玻璃宽度调整速度	Speed of Size Changing	最高15m/min (4.2m及以下)
工作台面高度	Working Table Height	920±20mm
气动工作气压	Compress Air Pressure	0.6~0.8Mpa
水泵流量	Water Pump Flow	400L/min
平行误差	Glass Parallel Tolerance	≤0.2mm/m
对角线误差	Glass Diagonal Tolerance	≤1mm/m
倒角宽度误差	Chamfer Tolerance	≤0.2mm/m



MJ-H 抛光手自一体伺服结构 (能效电机)  
MJ-H Polishing manual automatic integration Structure (Energy efficiency motor)



MJ-E 手自一体伺服结构  
MJ-E Manual automatic integration servo structure

高速  
HIGH SPEED

开合高速 Opening-Closing Speed :  
丝杆传动 **15米/分** Screw drive 15m/min  
最高磨边速度**30米/分钟** Maximum grinding speed : **30m/min**

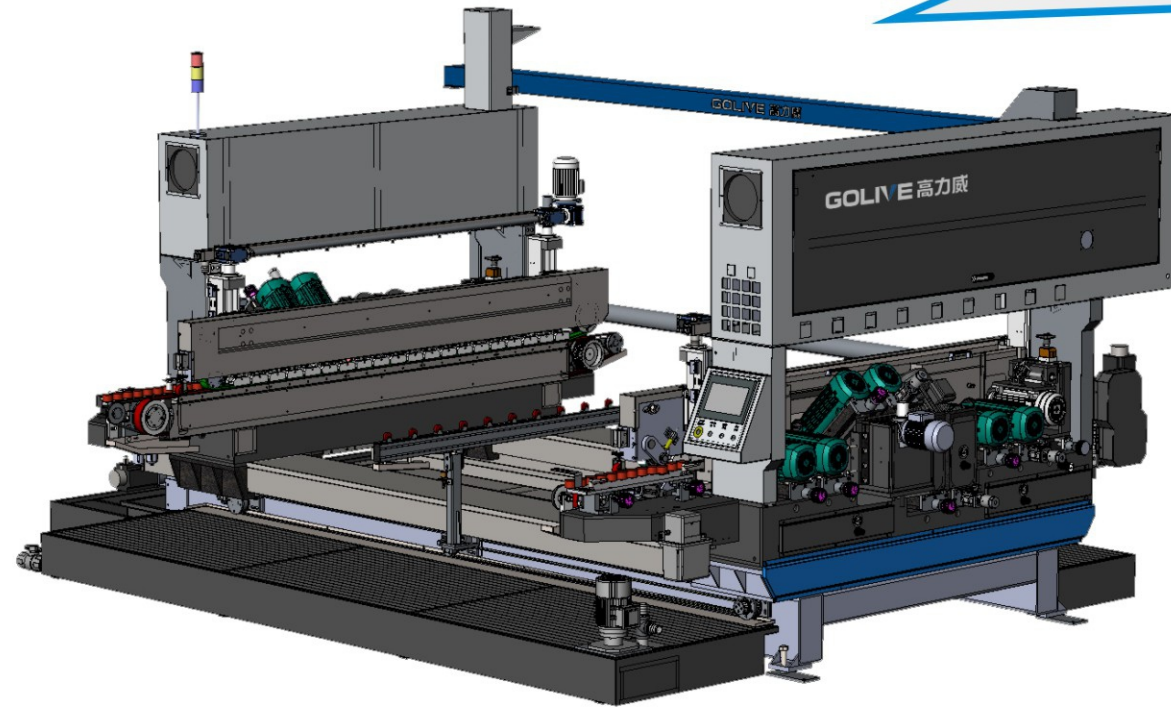
高效  
PRODUCTIVITY

全散单 : **5片/分** (1米x1米玻璃 ±300mm)  
All different size: **5pcs/min** (1 m x1 m glass ±300mm)

# GSGM18\*\*MJ-C/E GSGM16\*\*MJ-C/E-L 系列/SERIES

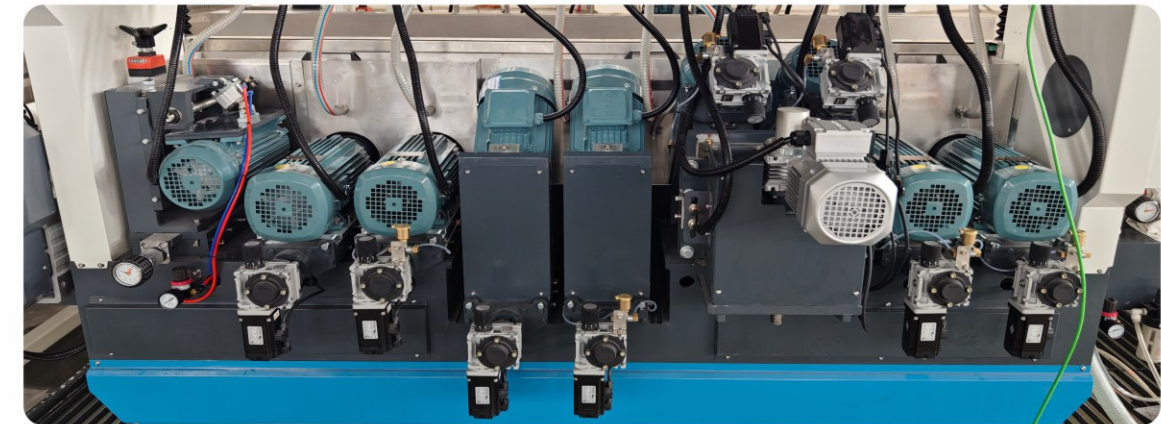
Intelligent high speed fine grinding double edger machine  
(Manual feed / Manual automatic integration)  
智能高速精磨双边机 (手动进给/手自一体)

磨削速度 **20米/分**  
Grinding Speed 20 Meter/min  
全散单 **3.3片/分**  
All different size: 3.3 Pcs/min  
家装系统门窗 **首选**  
The first choice for home improvement system doors and windows  
系统门窗玻璃磨边品质的**天花板**  
Ceiling with system door and window glass edging quality

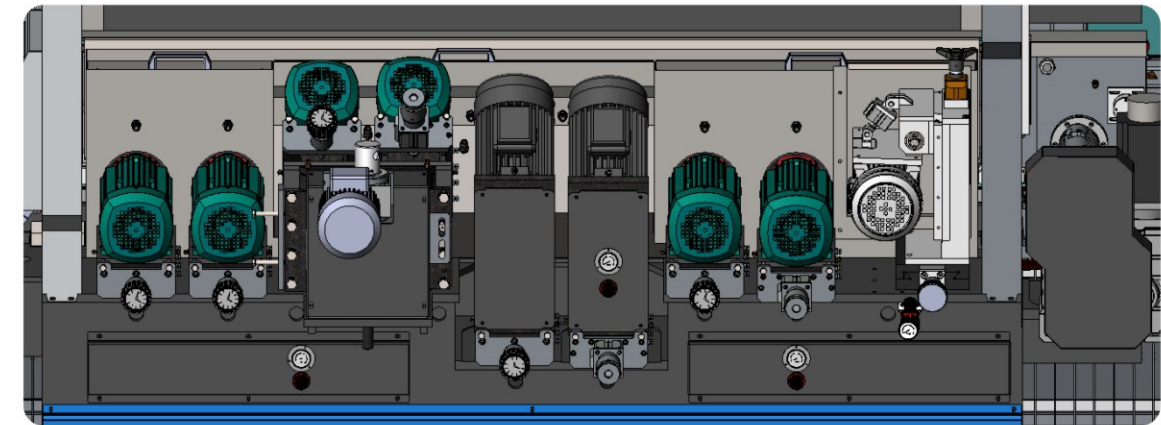


## 主要技术参数 Main Technical Specification

类别	Category	参数 Parameters
最大加工玻璃规格	Max.Glass Processing Size	1600/2000/2500/3000/4200/5000/6000mm
最小加工玻璃规格	Min.Glass Processing Size	300/470mm (4m以上, 6米以下)
加工玻璃厚度	Glass Thickness	3~12mm
传送速度	Transmission Speed	1~20m/min
装机功率	Installed Power	70~79kw
底边双边最大磨削量	Max.Grinding Quantity of Bottom Edge	2.5mm
倒角宽度尺寸	Chamfer Width	1~3mm
玻璃宽度调整速度	Speed of Size Changing	最高15m/min (4.2m及以下)
工作台面高度	Working Table Height	920±20mm
气动工作气压	Compress Air Pressure	0.6~0.8Mpa
水泵流量	Water Pump Flow	400L/min
平行误差	Glass Parallel Tolerance	≤0.2mm/m
对角线误差	Glass Diagonal Tolerance	≤1mm/m
倒角宽度误差	Chamfer Tolerance	≤0.2mm/m



MJ-E 手自一体伺服结构  
MJ-E manual automatic integration servo structure



MJ-C 手动结构  
MJ-C Manual structure

**高速**  
HIGH SPEED

开合高速 Opening-Closing Speed :  
丝杆传动 **15米/分** Screw drive 15m/min  
最高磨边速度**20米/分钟** Maximum grinding speed : **20m/min**

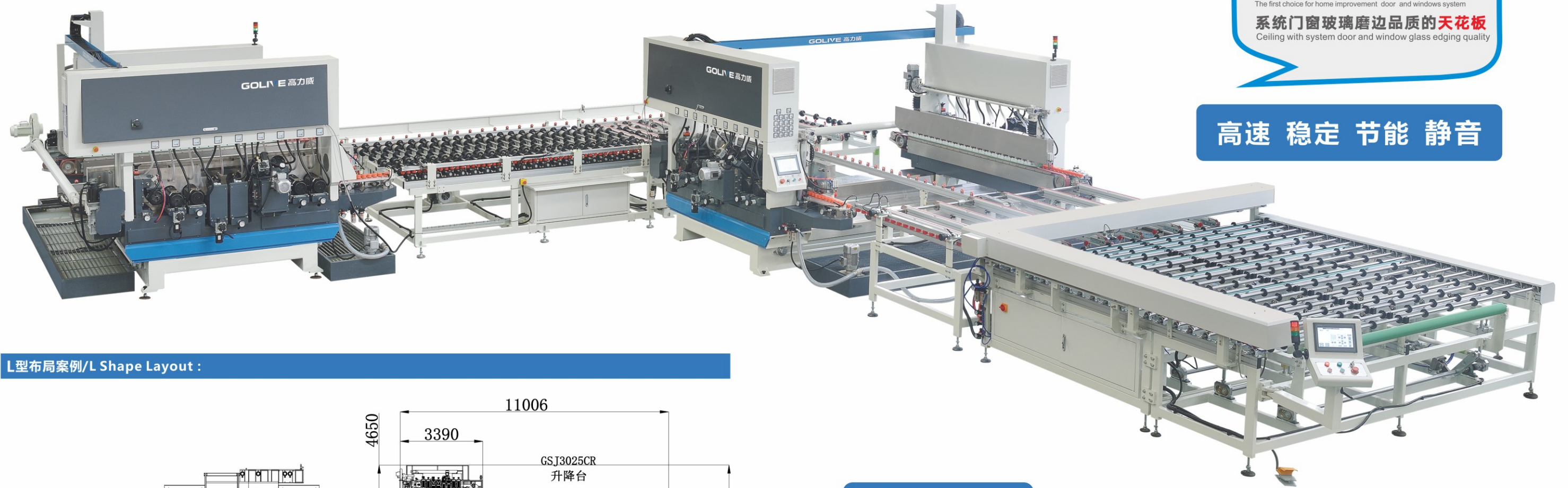
**高效**  
PRODUCTIVITY

全散单 : **3.3片/分** (1米x1米玻璃 ±300mm)  
All different size: **3.3pcs/min** (1 m x1 m glass ±300mm)

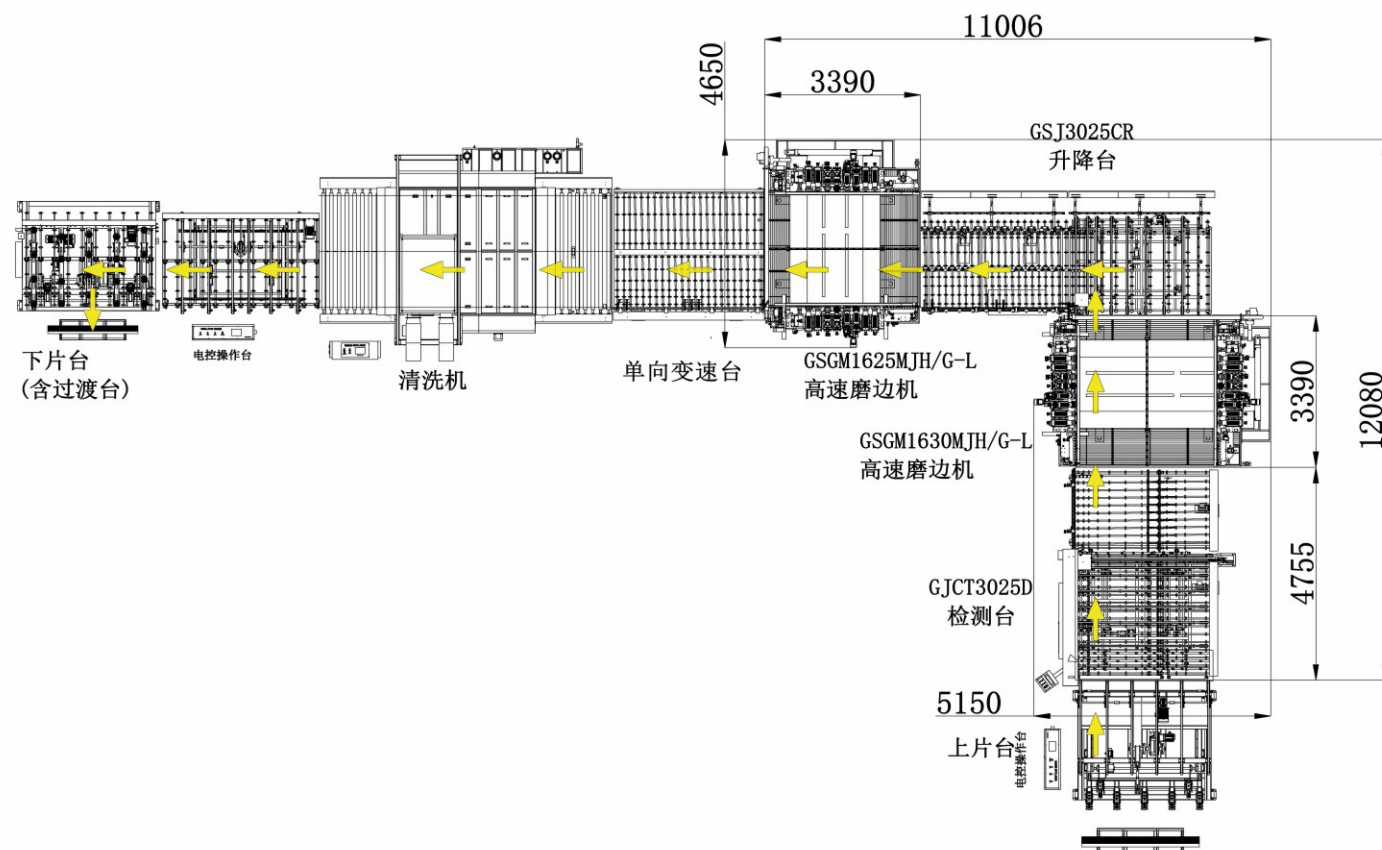
**GSGM18\*\*MJ-G/H**  
**GSGM16\*\*MJ-G/H-L** 系列/SERIES  
(2520/3025/3625/4025/4030/4530/5030/6030)  
Intelligent high-speed fine grinding line (manual automatic integration)  
智能高速精磨连线(手自一体)

磨削速度**30米/分**  
Grinding Speed 30 Meter/min  
全散单**5片/分** All different size: 5 pcs/min  
家装系统门窗**首选**  
The first choice for home improvement door and windows system  
系统门窗玻璃磨边品质的**天花板**  
Ceiling with system door and window glass edging quality

高速 稳定 节能 静音



L型布局案例/L Shape Layout :



**L型布局**  
L Shape Layout :

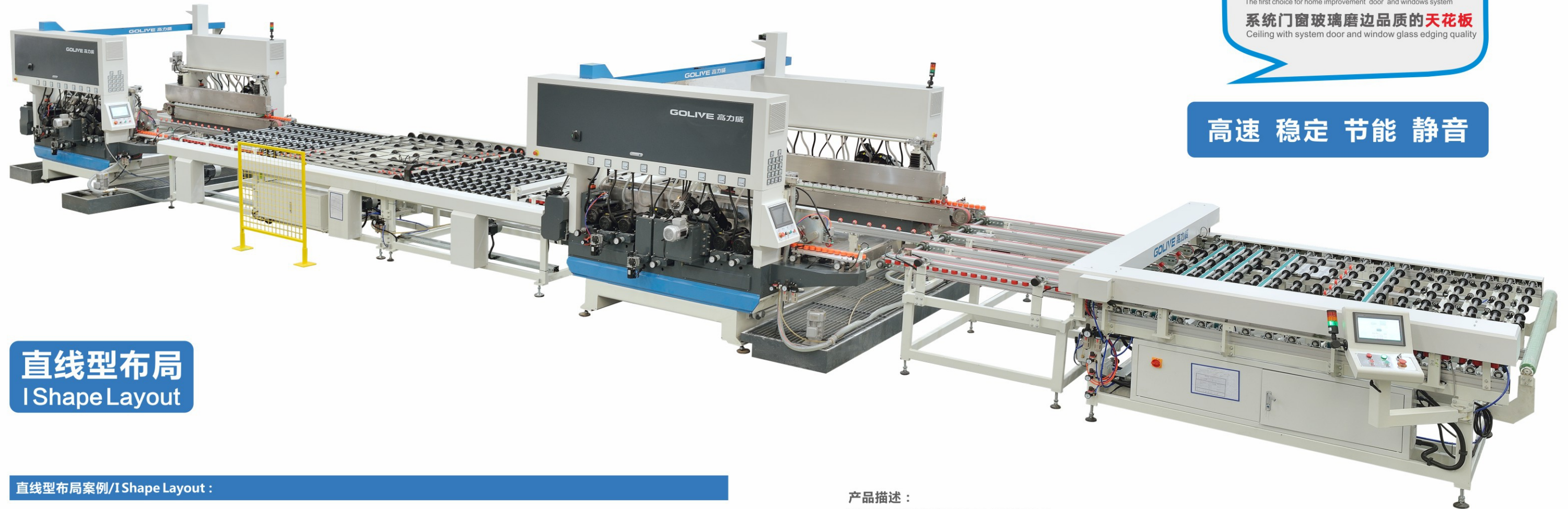
产品描述 :

- 适用于平板建筑玻璃等行业玻璃的加工；
- 开合15米/分，主传动30米/分，高速高精度磨边，产能倍增；
- 高速精磨配备四高三低电机(高转速、亮精度、高刚性、高寿命、低能耗，低温升、低噪音)；
- 可选配一级能效电机（节能30%）。

Product descriptions :

- Suitable for glass processing in flat building glass and other industries;
- Opening and closing 15 m/min, main drive 30 m/min, high-speed and high-precision edge grinding, double production capacity;
- High speed grinding is equipped with four or three low motor (high speed, bright precision, high rigidity, high life, low energy consumption, low temperature rise, low exposure).
- Optional first-level energy efficiency motor (30% energy saving).

**GSGM18\*\*MJ-G/H**  
**GSGM16\*\*MJ-G/H-L** 系列/SERIES  
( 2520/3025/3625/4025/4030/4530/5030/6030 )  
Intelligent high-speed fine grinding line (manual automatic integration)  
智能高速精磨连线(手自一体)

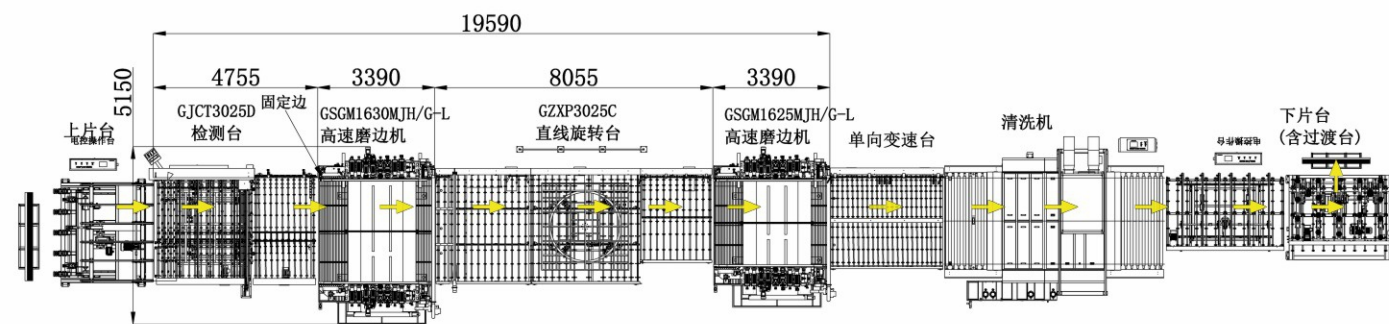


磨削速度**30**米/分  
Grinding Speed 30 Meter/min  
全散单**5**片/分 All different size: 5 pcs/min  
家装系统门窗**首选**  
The first choice for home improvement door and windows system  
系统门窗玻璃磨边品质的**天花板**  
Ceiling with system door and window glass edging quality

高速 稳定 节能 静音

直线型布局  
I Shape Layout

直线型布局案例/I Shape Layout :



产品描述 :

- 适用于平板建筑玻璃等行业玻璃的加工；
- 开合15米/分，主传动30米/分，高速高精度磨边，产能倍增；
- 高速精磨配备四高三低电机(高转速、亮精度、高刚性、高寿命、低能耗，低温升、低噪音)；
- 可选配一级能效电机（节能30%）。

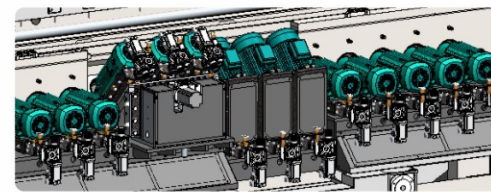
Product descriptions :

- Suitable for glass processing in flat building glass and other industries;
- Opening and closing 15 m/min, main drive 30 m/min, high-speed and high-precision edge grinding, double production capacity;
- High speed grinding is equipped with four or three low motor (high speed, bright precision, high rigidity, high life, low energy consumption, low temperature rise, low exposure).
- Optional first-level energy efficiency motor (30% energy saving).

## GSM-28/30\*\*J(E) 系列/SERIES

Intelligent high-speed fine grinding double edger machine (28 / 30 Spindles)  
智能高速精磨双边机(28/30磨头)

可加工展柜、家私  
鱼缸、水晶面玻璃  
Can process show room glass  
furniture glass, aquarium glass,  
crystal surface glass



GSM28\*\* MJ系列磨轮布置示意图  
GSM 28 grinding head MJ series grinding wheel layout diagram

### 主要技术参数 Main Technical Specification

类别	Category	参数 Parameters
最大加工玻璃规格	Max.Glass Processing Size	1600/2000/2500/3000/3600/4200/4500/5000/6000mm
最小加工玻璃规格	Min.Glass Processing Size	300 ( 3米以下 ) /310 ( 3.6米 ) /470 ( 4米以上 ; 6米以下 ) /850 ( 6米以上 )
加工玻璃厚度	Glass Thickness	3~25mm
传送速度	Transmission Speed	1~20m/min
总功率	Installed Power	96~106kw
底边最大磨削量	Max.Grinding Quantity of Bottom Edge	5mm
倒角宽度尺寸	Chamfer Width	1~3mm
倒角最大磨削量	Max.Grinding Quantity of Chamfer	3mm
玻璃宽度调整速度	Speed of Size Changing	最高8m/min
工作台面高度	Working Table Height	920±10mm
气动工作气压	Compress Air Pressure	4~8kg/cm <sup>2</sup>
水泵流量	Water Pump Flow	640L/min
平行误差	Glass Parallel Tolerance	≤0.2mm/m
对角线误差	Glass Diagonal Tolerance	≤0.5mm/m
倒角宽度误差	Chamfer Tolerance	≤0.2mm/m

## GSZM-HA/HB 系列/SERIES

Intelligent high-speed (3bridges 4 spindles seaming machine)  
智能高速四边磨 (三梁四磨头)

高效率  
PRODUCTIVITY

低成本  
LOW COST

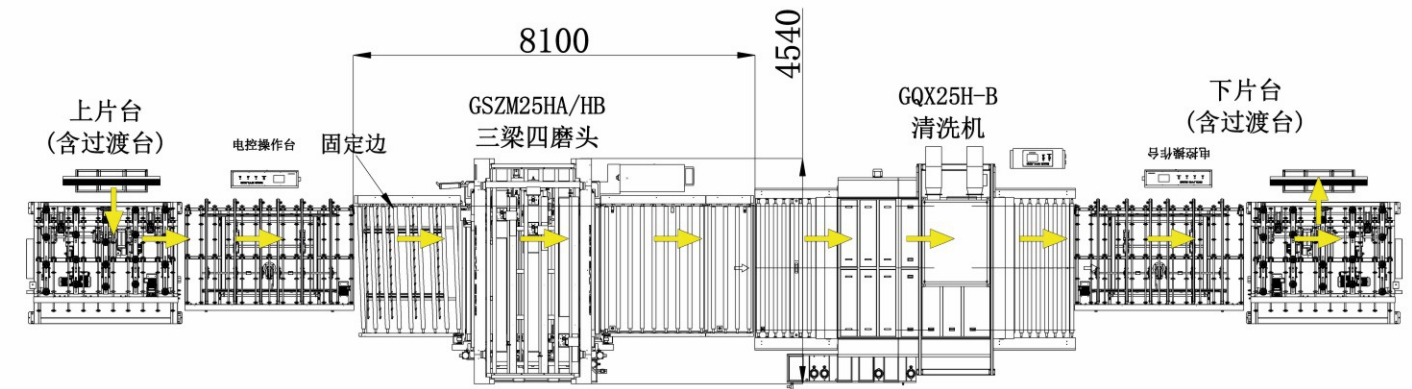
全自动  
AUTOMATIC

HA: 倒棱+扫底边  
HB: 倒棱+除膜 (扫底边)  
HA: Arrising+Bottom Edge Grinding  
HB: Arrising+Low-e Remove/Bottom Edge Grinding

6片/分  
Pcs/min



### 连线布局案例/Complete line layout case :



### 主要技术参数 Main Technical Specification

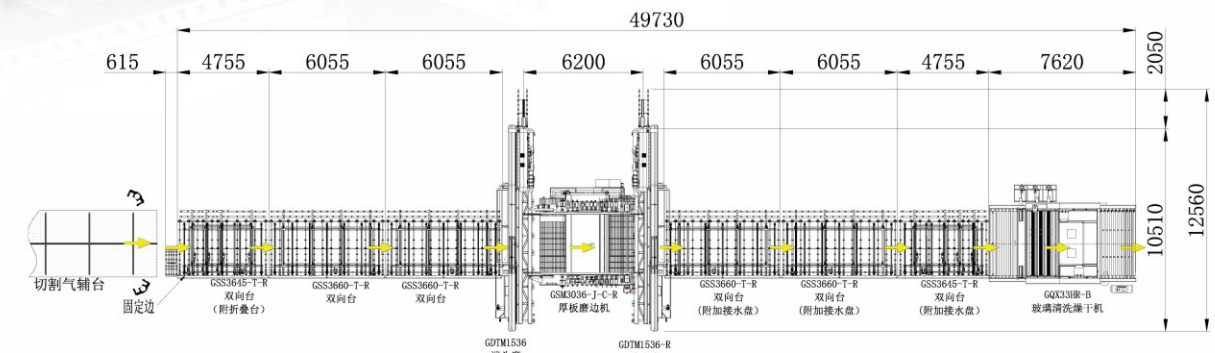
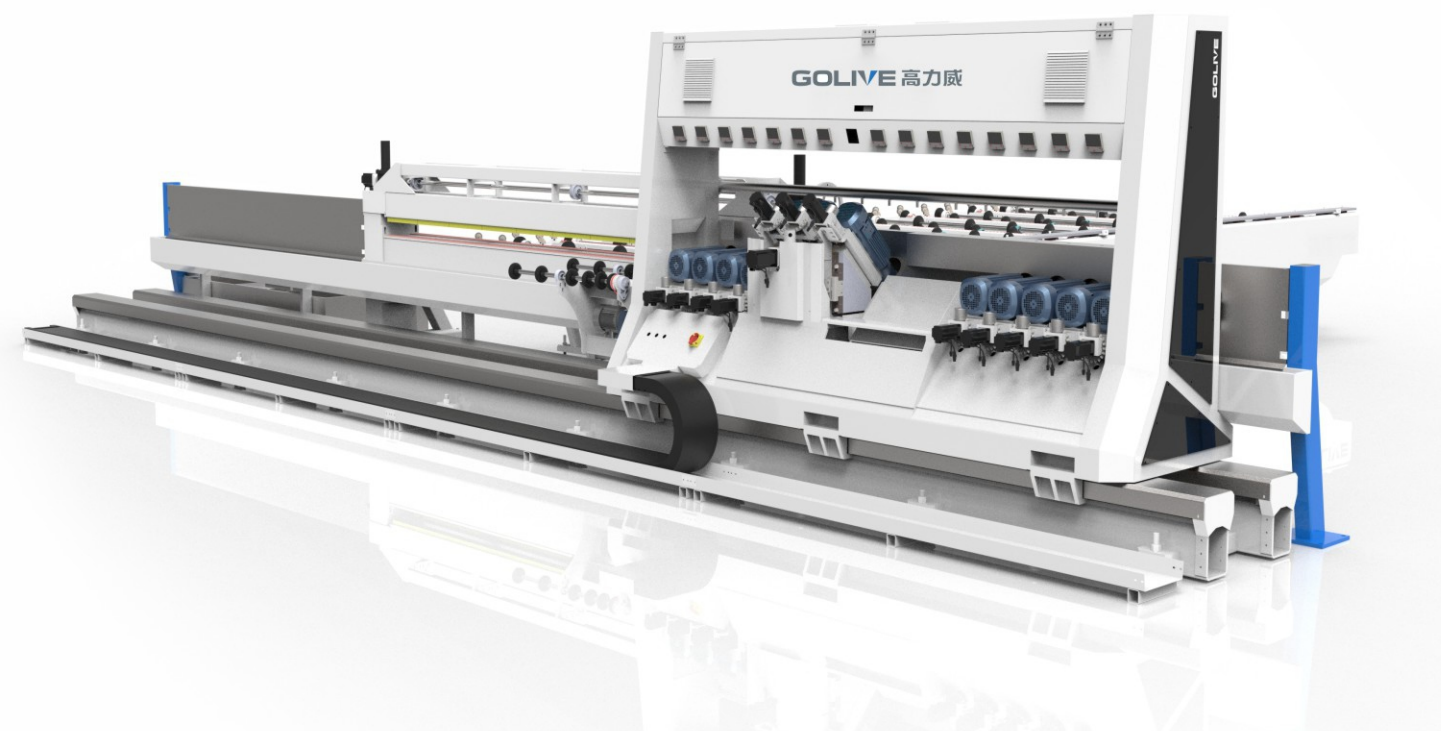
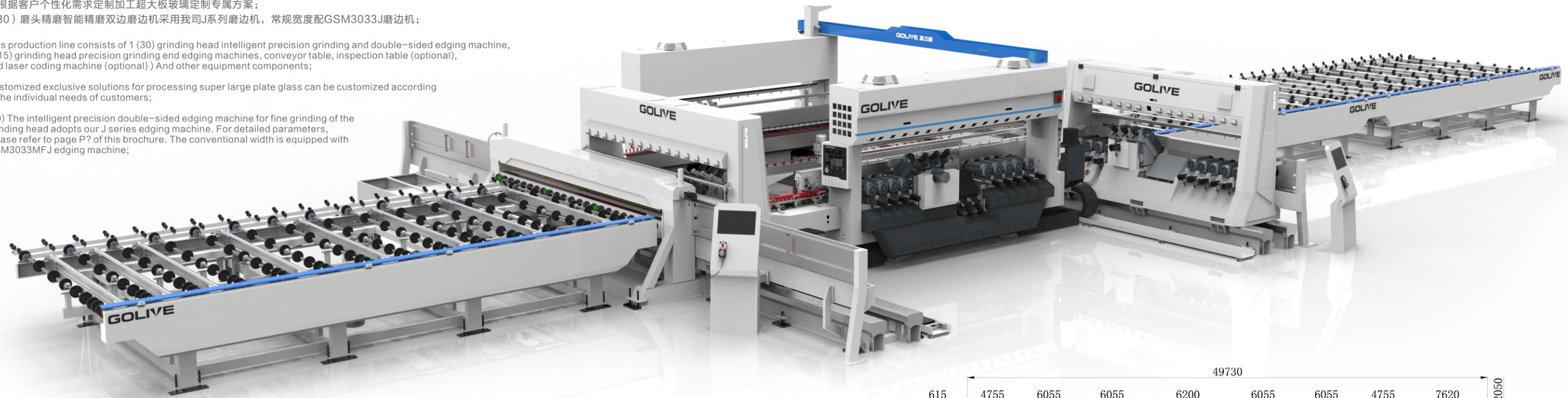
类别	Category	GSZM-HA	GSZM-HB
加工玻璃最小尺寸	Processing glass minimum size	300x700mm	300x800mm
加工玻璃最大尺寸	Maximum size of processed glass	2500x3600mm(2.5米机型)	2500x3600mm(2.5米机型)
底边磨削量	Grinding amount of bottom edge	0.5~1mm	0.1~0.3mm
可加工厚度	Glass thickness	4-12mm	4-12mm
倒角宽度尺寸	Chamfer width dimension	0.8-2mm	0.8-2mm
除膜宽度	Film removal width	/	≤13mm
厚度检测精度	Thickness detection accuracy	±0.2mm	/
加工玻璃成品率	Processed glass rate	≥98%	≥98%
磨削速度	Grinding speed	12-35米/分钟	12-35米/分钟
磨削效率	Grinding efficiency	6片/分钟	6片/分钟
工作输入气压	Working input air pressure	0.6-0.8MPa	0.6-0.8MPa
工作面高度	Working surface height	930±30mm	930±30mm
总功率	Total power	约21KW	约23KW

## GDTM 系列/SERIES

### Intelligent precision grinding end edging machine 智能精磨端头磨边机

#### 解决超大版玻璃生产线方案 (20米\*3.6米) Solution for oversized glass production line (20m \* 3.6m)

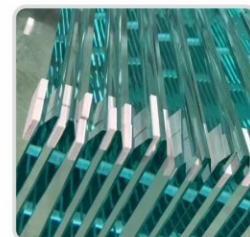
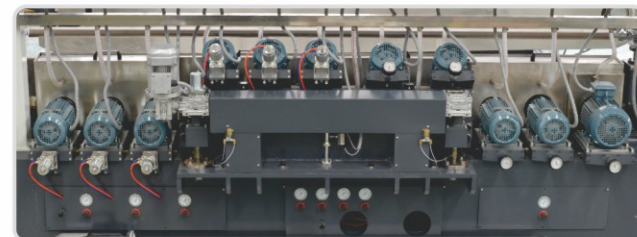
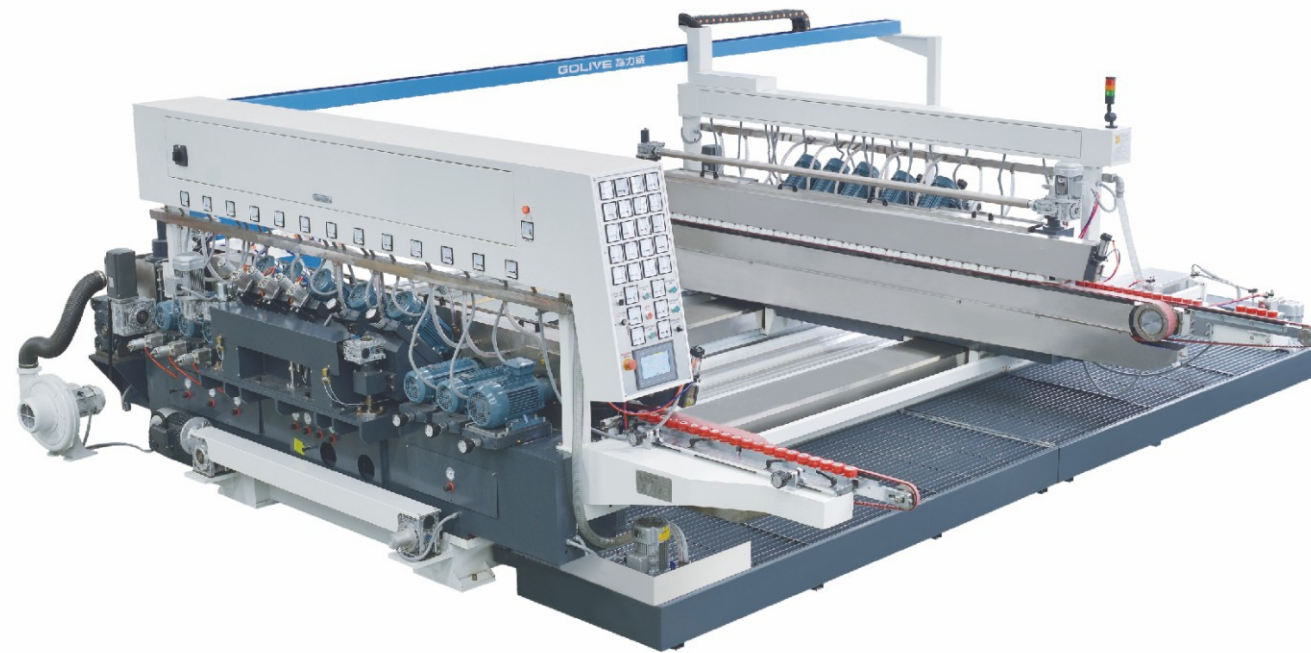
- 本生产线由1台 (30) 磨头智能精磨双边磨边机、2台 (15) 磨头精磨端头磨边机、输送机、检测台 (选配)、激光打码机 (选配) 等设备组成;
- 可根据客户个性化需求定制加工超大板玻璃定制专属方案;
- (30) 磨头精磨智能精磨双边磨边机采用我司J系列磨边机, 常规宽度配GSM3033J磨边机;
- This production line consists of 1 (30) grinding head intelligent precision grinding and double-sided edging machine, 2 (15) grinding head precision grinding end edging machines, conveyor table, inspection table (optional), and laser coding machine (optional) And other equipment components;
- Customized exclusive solutions for processing super large plate glass can be customized according to the individual needs of customers;
- (30) The intelligent precision double-sided edging machine for fine grinding of the grinding head adopts our J series edging machine. For detailed parameters, please refer to page P? of this brochure. The conventional width is equipped with GSM3033MFJ edging machine;



- 磨头分布为: 底边粗磨磨头5组, 上、下45° 倒角粗磨各1组、抛光各2组, 底边抛光4组;
- 磨头电机拖板采用高精度拖板。粗磨磨头标配手动进给, 可选配伺服手自一体补偿; 抛光磨头标配气动补偿, 可选配伺服手自一体补偿;
- 端头磨边机采用地轨双直线导轨支撑, 磨削玻璃时, 玻璃不动, 磨头组移动;
- 加工玻璃最大宽度3600mm;
- 加工玻璃厚度5-40mm;
- 最小玻璃350mm\*1000mm.
- 玻璃长度: 可个性化定制, 常规尺寸有9000mm、12000mm、15000mm、18000mm、20000mm.
- Grinding heads are distributed as follows: 5 groups of rough grinding heads for the bottom edge, 1 group for rough grinding of the upper and lower 45° chamfers, 2 groups for polishing each, and 4 groups for the bottom edge polishing;
- The grinding head motor carriage adopts high-precision carriage. The rough grinding head is equipped with manual feed as standard, and servo manual-automatic compensation is optional; the polishing head is equipped with pneumatic compensation as standard, and servo manual-automatic compensation is optional;
- End-end edging machine is supported by ground rail and double linear guide, when the glass is grinding, the glass does not move, and the grinding head group moves;
- The maximum width of processed glass is 3600mm;
- The thickness of processed glass is 5-40mm;
- The minimum glass is 350mm\*1000mm.
- Glass length: can be customized, the conventional sizes are 9000mm., 12000mm., 15000mm., 18000mm., 20000mm.

## GSM26-T

Large Beveling Machine  
大斜边磨边机



### 主要技术参数 Main Technical Specification

类别	Category	参数 Parameters
磨头数	Number of grinding motors	26 (3个底边粗磨+5个45度边粗精抛光+下菱角2个+底边抛光3个)
加工尺寸范围	Processing size range	280-2000mm/280-2500mm
加工玻璃厚度	Processing glass thickness	加工45度斜边厚度为4-19mm, 加工常规双直边为3-25mm 45 degree thickness is 4-19mm, standard glass thickness is 3-25mm
空载输送速度	Transmission Speed	0.2-7m/min (伺服传动)
加工玻璃平行误差	Glass Parallel Tolerance	≤0.2mm/m
加工玻璃对角误差	Glass Diagonal Tolerance	≤0.5mm/m
加工玻璃单边磨削量	Grinding quantity of each side	≤1-3mm
装机功率	Installed power	65kw (单机)
电压	Voltage	380V/50Hz
压缩空气	Compressed air	0.6-0.8Mpa

## GSYM08/12\*\*D 系列/SERIES

Pencil Edger Machine  
直线双圆边机



### 完美 PERFECT

磨边及安全角高速: 20m/min  
Grinding with corner cut speed :20m/min

### 高效 PRODUCTIVITY

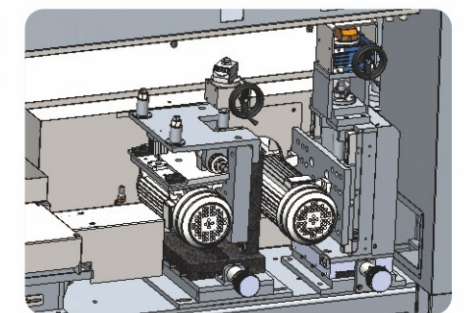
相同规格/Same size : 8pcs/min  
(1.6m×1m×3.2mm玻璃)



16磨头直圆一体机  
16 grinding head straight round all-in-one machine



追踪式安全角  
Tracking Servo motor corner cut device



除膜/刻槽  
Low-e remove / Engraving

型号 Model	磨头数 Number of grinding head	适用领域 Fields of Application	磨边速度 Grinding Speed
GSYMD-1系列双圆线 GSYM series pencil edger line	8+10	光伏玻璃 Solar glass	20 m / min
GSYMD-2系列双圆线 GSYM series pencil edger line	10+12	白玻或布纹玻璃 Clear glass or woven glass	12 m / min
GSYMD-3系列双圆线 GSYM series pencil edger line	12+12	家具/家电需抛光玻璃 Furniture glass	6 m / min

# GSYM08\*\*D 系列/SERIES

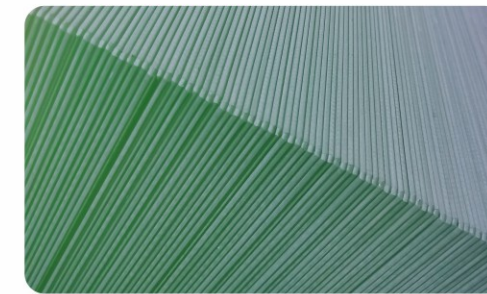
I Shape Pencil Edger Line  
直线双圆边机

**完美**  
PERFECT

磨边及安全角高速：20m/min  
Grinding with corner cut speed :20m/min

**高效**  
PRODUCTIVITY

相同规格/Same size : 6pcs/min  
( 2.65m × 1.4m × 3.2mm玻璃 )



磨边效果图  
Edging effect diagram

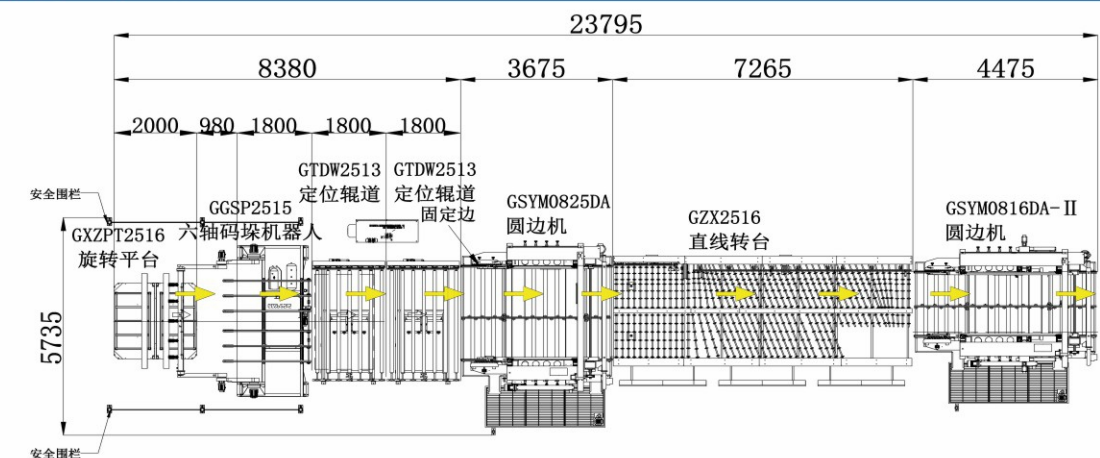


追踪式伺服倒角  
Tracking servo chamfering

## 主要技术参数 Main Technical Specification

类别	Category	参数 Parameters
加工玻璃厚度	Glass Thickness	3-8mm
最小加工玻璃尺寸	Min.Glass Processing Size	300x300mm
最大加工玻璃尺寸	Max.Glass Processing Size	2500x1600mm
加工玻璃单边磨削量	Grinding Quantity Of Bottom	1~2mm
主传动输送速度	Transmission speed	1~20m/min
床身开合速度	Speed of Size Changing	3.6m/min
连线总功率	Installed Power	95kw
工作台高度	Working Table Height	920±20mm

## 直线型布局案例/I Shape Layout:



## GWZM1125/1145/1160 系列/SERIES

Horizontal Single Edging Machine  
卧式单边磨边机



超长或异形大板幕墙玻璃磨削，同样轻而易举  
Easy processing for big, thick and shape edge glass

### 主要加工对象 Main processing object

卧式单边机主要适用于对超大版面的幕墙玻璃的磨边，也可用于异形玻璃的单边加工。

采用特殊的压紧输送系统，确保玻璃平稳输送，倒角大小均匀，抛光前后一致。

从根本上解决了大板玻璃磨削的要求。

The horizontal Single-sided Edging Machine is mainly suitable for big and thick structural glass, and also can process shape edge glass. It adopts special compaction transmission system and ensures the stability, even arris and polishing. It satisfies the needs of processing jumbo size of glass.

### 型号规格 Models & Specifications

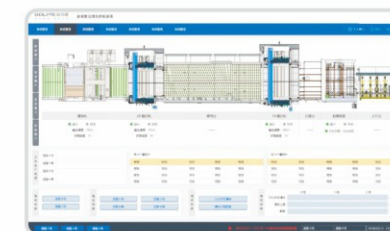
型号Model	GWZM1125	GWZM1145	GWZM1160
最小加工尺寸Min.width(mm)	800	800	800
最大加工尺寸Max.width(mm)	2500	4500	6000
占地面积Dimension(mm)	5230x3000	5230x4500	5230x6000

### 主要技术参数 Main Technical Specification

类别	Category	参数Parameters
加工玻璃厚度	Glass Thickness	3mm~25mm
加工玻璃传送速度	Transmission Speed	0.5~6m/min
倒角宽度尺寸	Chamfer Width	1~3mm
倒角角度	Chamfer Angle	45°
底边最大磨削量	Max.Grinding Quantity of Bottom Edge	4mm
最小加工玻璃规格	Min.Glass Size	800mm
装机功率	Installed Power	30kw
工作压力	Working air pressure	0.6-0.8Mpa

## GJCT 2520/3025/3625/4025/4030/4530 5030/6030-D 系列/SERIES

Standard Detecting Table  
智能检测台



### 产品描述 Product Description

- 检测速度快，检测精度高，重复检测精度可达±0.3mm。
- 采用双伺服驱动，磁栅尺检测。
- 应用：1、钢化炉后连接使用，实现切割到钢化全程不贴标签。  
2、磨边检测比对使磨边机自动开合，并给信息清洗后分箱分架功能。
- 需要高速检测可选配C型检测台。
- Fast detection speed, high detection precision and repetitive detection precision can reach ± 0.3 mm.
- Dual-servo drive and detection by magnetic railing ruler.
- Application:  
1. It can be connected after temper furnace to realize the whole label-free process from cutting process to toughening process.  
2. Edge grinding detection and comparison make the grinding machine open and close automatically; the products can be put into different boxes and racks after washing by sending operation information.
- If high-speed detection is needed, C-type detection table can be selected.

### 主要技术参数 Main Technical Specification

型号Model	GJCT2520D	GJCT3025D	GJCT4025D	GJCT5030D
可加工最大玻璃尺寸 Max. Glass size	2500x2000mm	3000x2500mm	4200x2500mm	5000x3000mm
可加工最小玻璃尺寸 Min. Glass size	350x350mm	350x350mm	350x350mm	350x350mm
可加工玻璃厚度 Glass Thickness	3-19mm	3-19mm	3-19mm	3-19mm
检测周期 Testing cycle	12~15 Seconds/piece	12~15 Seconds/piece	12~15 Seconds/piece	12~15 Seconds/piece

# GZXP2520/3025/3625/4025/4530 5030/6030C 系列/SERIES

Straight-line transfer table(with 90 degree turning rack)  
转盘式直线型中转台

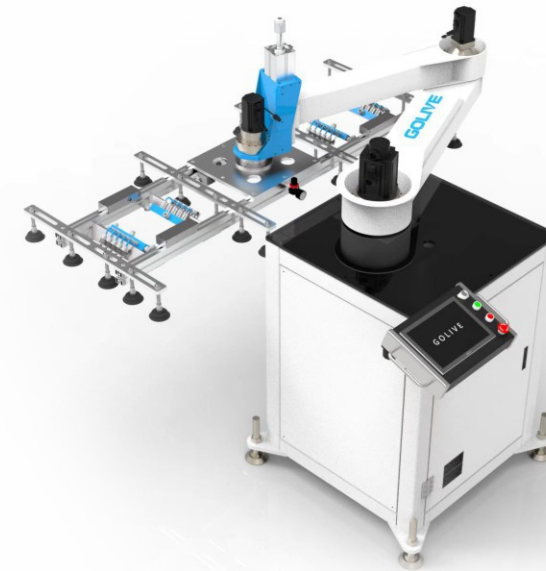


## 主要技术参数 Main Technical Specification

类别	Category	GZXP4025C/4030C	GZXP3625C	GZXP3025C	GZXP2520C
最小玻璃	Min. glass Size	400×400mm 450×450mm	400×400mm	400×400mm	400×400mm
最大玻璃	Max. glass Size	4200×2500mm 4200×3000mm	3600×2500mm	3000×2500mm	2500×2000mm
适用厚度	Glass thickness	3~19mm	3~19mm	3~19mm	3~19mm
最大承重	Max. bearing capacity	500kg	420kg	360kg	230kg
传输速度	Transmission speed	3~40m/min	3~40m/min	3~40m/min	3~40m/min
最大玻璃加进深	Maximum glass depth is added	/	/	/	/
自动工作周期	Automatic cycle	4-5片/分钟	4-5片/分钟	5-6片/分钟	5-6片/分钟
电源规范	The power supply specification	380V/50Hz 3P+PE	380V/50Hz 3P+PE	380V/50Hz 3P+PE	380V/50Hz 3P+PE
装机容量	The installed power	10kw	10kw	8.75kw	6kw
压缩空气	The compressed air	0-5~0.8MPa	0-5~0.8MPa	0-5~0.8MPa	0-5~0.8MPa
占地面积	Machine dimension	17.4m ( 3×5.8 )	17.4m ( 3×5.8 )	/	/
机身重量	Total Weight	≈3370kg	≈3000kg	/	/

# GRRT-2313 系列/SERIES

Rotary Arm Machine  
旋转机械臂



## 产品描述 Product Description

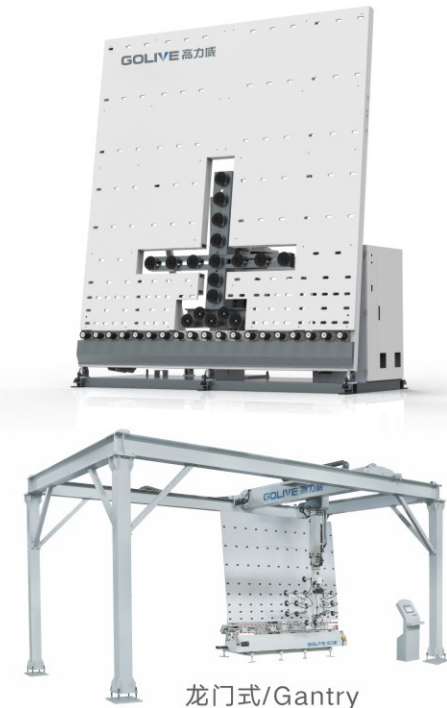
- 主要适用于工艺玻璃、电子玻璃、家具玻璃等行业的玻璃上、下片。
- 采用PLC程序控制，性能稳定，同时配备高档人机界面触摸屏操作系统。
- 伺服马达驱动，定位精准可靠。
- 采用进口精密直线导轨，精度高、耐磨性好。
- 操作简单，生产效率高。
- Applicable to loading and unloading art glass, electronic glass, furniture glass.
- Using PLC program control, stable performance, while equipped with HMI operation system.
- Servo motor drive, accurate and reliable positioning.
- Imported high precision and good wear resistance linear guide.
- Simple operation, high production efficiency.

## 主要技术参数 Main Technical Specification

参数Parameters	型号Model	GRRT-2313	GLSXP-2520	GLSXP-3025
可加工最大玻璃尺寸 Max. Glass size		2300x1300mm	2500x2000mm	3000x2500mm
可加工最小玻璃尺寸 Min. Glass size		300x300mm	450x600mm	600x800mm
可加工玻璃厚度 Glass Thickness		3-15mm	3-19mm	3-19mm
周期 Cycle		6~10s/pcs	15S/P	20S/P

# GLSP/GLXP2520/3025 3625/4025/4525 系列/SERIES

Automatic Vertical Loading/Unloading Table  
自动立式上下片台



## 产品描述 Product Description

- 主要适用于各种平板玻璃的上下片。
- 采用PLC程序控制，性能稳定，同时配备高档人机界面触摸屏操作系统。
- 伺服马达驱动，定位精准可靠。
- 操作简单，生产效率高。
- Applicable to loading all kinds of flat glass .
- Using PLC program control, stable performance, while equipped with HMI operation system .
- Servo motor drive, accurate and reliable positioning.
- Simple operation, high production efficiency.

# GGSP/GGXP 2515/3025/4225

High-speed automatic loading and unloading (processing solar standard turntable module)  
高速自动上下片 (加工光伏标准旋转台模组)



## 产品描述 Product Description

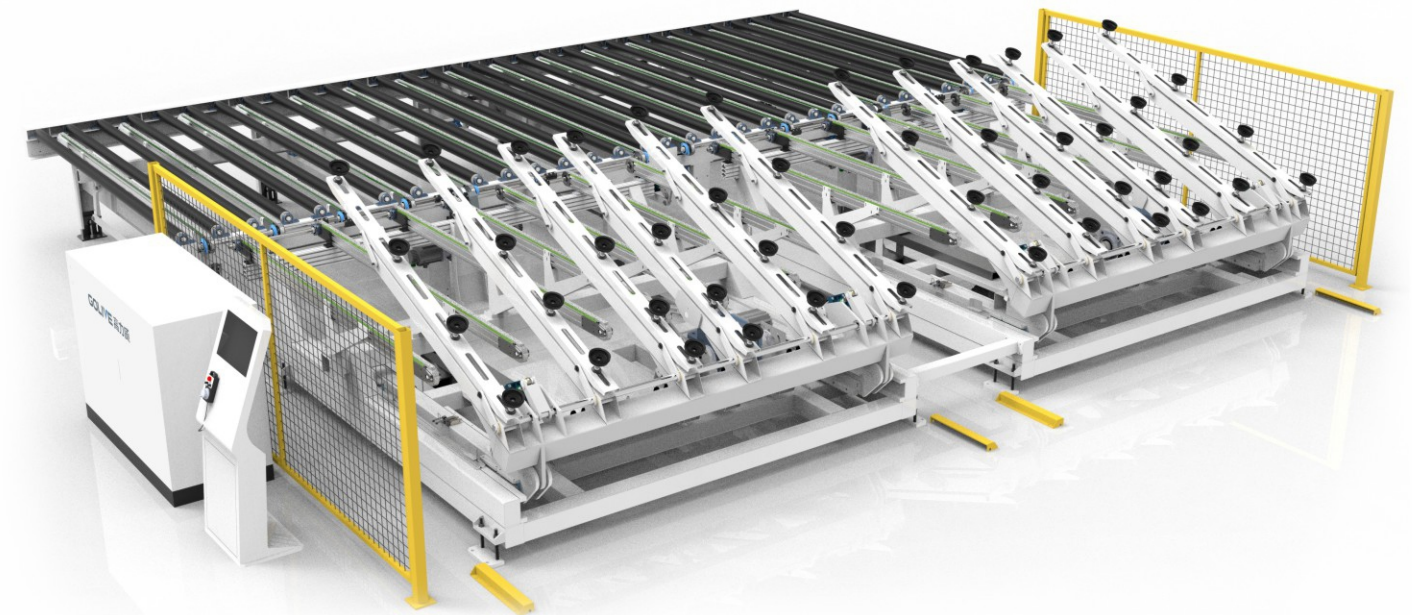
- 适用于浮法线和各种平板玻璃的上/下片。
- 适用于淋浴房玻璃的上/下片。
- 可与切割线、磨边线、夹胶线、钢化线、丝印线等联线使用。
- 采用多轴伺服联动，性能稳定。
- 省人工，操作简单，生产效率高。
- 可从玻璃表面和玻璃底面吸片，可加工LOW-E玻璃。
- Suitable for float glass line and all kinds of flat glass loading/unloading.
- Suitable for shower room glass loading/unloading.
- It can be used with cutting line, edge grinding line, temper line, toughening line, screen printing line and so on.
- Multi-axis servo linkage is adopted, stable performance.
- Save labor, simple operation, high production efficiency.
- It can be sucked from glass surface and glass bottom, and can process LOW-E glass.

## 主要技术参数 Main Technical Specification

类别	Category	GS(X)P2515 (特别适合光伏玻璃)	GS(X)P3025	GS(X)P4225
最小玻璃/(长x款)mm	Minimum glass/(long x style)mm	500x350mm	500x350mm	500x350mm
最大玻璃/(长x款)mm	Maximum glass/(long x style)mm	2500x1500mm	3000x2500mm	4200x2500mm
适用厚度	Apply to the thickness of the	3-19mm	3-19mm	3-19mm
最大负载	Max.bearing capacity	120kg	120kg	300kg(臂伸小于1米时最大500kg)
传输速度	Transmission speed	3-50m/min	3-50m/min	3-50m/min
最大玻璃架进深	Maximum glass frame depth	800mm	800mm	800mm
自动工作周期	Automatic cycle	5-8s (上片: 8-10片/分, 下片10片/分)	5-8s (上片: 8-10片/分, 下片10片/分)	极限9.5s(上片玻璃高度小于1米)
电源规范	The power supply specification	380V/50Hz 3P+PE	380V/50Hz 3P+PE	380V/50Hz 3P+PE
装机容量	The installed capacity	15KW	15KW	18KW
压缩空气	The compressed air	0.5-0.8MPa	0.5-0.8MPa	0.5-0.8MPa
占地面积	Machine dimension	7.6m <sup>2</sup> (3.8x2)	7.6m <sup>2</sup> (3.8x2)	14.5m <sup>2</sup> (5.8x2.5)
机身重量	Total weight	1240kg	1240kg	2200kg

# GSP/GXP 系列/SERIES

Automatic Loading/Unloading Table  
自动上/下片台



## 产品描述 Product Description

- 适用于各种平板玻璃的上/下片。
- 可与切割线、磨边线、夹胶线、钢化线、丝印线等联线使用。
- 采用PLC程序控制，性能稳定。
- 省人工，操作简单，生产效率高。
- Applicable to all kinds of flat glass loading / unloading .
- Can be matched with the cutting line, grinding line, laminated line, tempering line, and printing line.
- PLC program control, stable performance.
- Save labor, simple operation , high production efficiency.

## 主要技术参数 Main Technical Specification

型号Model	GSS 双向台				GS ( X ) PY 一体机				常规上下片 (含双向台)							
	GSS2520	GSS3025	GSS4025	GSS5025	GS(X)PY2520	GS(X)PY3025	GS(X)PY4225	GS(X)PY5025	GS(X)P2520	GS(X)P2520L	GS(X)P3025	GS(X)P3025L	GS(X)P4225	GS(X)P4225L		
最小玻璃(长x宽)mm Minimum glass	600x400	600x400	800x600	800x600	600x400	600x400	800x600	800x600	600x400	600x400	800x600	800x600	800x600	800x600		
最大玻璃(长x宽)mm Maximum glass	2500x2000	3000x2500	4200x2500	5000x2500	2500x2000	3000x2500	4200x2500	5000x2500	2500x2000	2500x2000	3000x2500	3000x2500	4200x2500	4200x2500		
适用厚度 Applicable thickness	3-19mm	3-19mm	3-19mm	3-19mm	3-19mm	3-19mm	3-19mm	3-19mm	3-19mm	3-19mm	3-19mm	3-19mm	3-19mm	3-19mm		
最大承重 Max capacity	250kg	360kg	500kg	600kg	250kg	360kg	500kg	600kg	250kg	250kg	360kg	360kg	500kg	500kg		
传输速度 Transmission speed	3-40m/min	3-40m/min	3-40m/min	3-40m/min	3-40m/min	3-40m/min	3-40m/min	3-40m/min	3-40m/min	3-40m/min	3-40m/min	3-40m/min	3-40m/min	3-40m/min		
最大玻璃架进深 Glass frame depth	700mm	700mm	450mm	450mm	700mm	700mm	450mm	450mm	700mm	700mm	700mm	700mm	450mm	450mm		
自动工作周期 Automatic working cycle	/	/	/	/	10-12s	12-18s	15-20s	20-30s	10-12s	10-12s	12-16s	12-18s	15-19s	15-20s		
电源规范 Power specification	380V/50Hz 3P+PE				380V/50Hz 3P+PE				380V/50Hz 3P+PE							
装机容量 Installed capacity	3.5kw	4kw	4.5kw	5.2kw	9.75kw	10.5kw	10.5kw	12kw	5.5kw	5.5kw	6.5kw	6.5kw	9.5kw	8.7kw		
压缩空气 Compressed air	0.5-0.8MPa	0.5-0.8MPa	0.5-0.8MPa	0.5-0.8MPa	0.5-0.8MPa	0.5-0.8MPa	0.5-0.8MPa	0.5-0.8MPa	0.5-0.8MPa	0.5-0.8MPa	0.5-0.8MPa	0.5-0.8MPa	0.5-0.8MPa	0.5-0.8MPa		
占地面积 Area covered	5.2m <sup>2</sup> (2.6x2.0)	8m <sup>2</sup> (3.2x2.5)	11m <sup>2</sup> (4.4x2.5)	13m <sup>2</sup> (5.2x2.5)	12.5m <sup>2</sup> (2.7x4.7)	16m <sup>2</sup> (3.2x5)	13m <sup>2</sup> (4.3x3)	16m <sup>2</sup> (5.3x3)	5m <sup>2</sup> (2x2.5)	6m <sup>2</sup> (2.3x2.5)	8.5m <sup>2</sup> (2.8x3)	7m <sup>2</sup> (2.8x2.5)	12m <sup>2</sup> (3x4)	13m <sup>2</sup> (4.5x2.9)		
机身重量 Machine weight	1720kg	1840kg	2150kg	2380kg	1700kg	1800kg	2000kg	2200kg	1250kg	1340kg	1770kg	1740kg	2100kg	2460kg		

备注：以上设备装机高度为920±30 (mm)，玻璃架高度200-300 (mm)，如有特殊请告知。

## GQX16F-A/B 系列/SERIES

Washing & Drying Machine  
玻璃清洗干燥机



清洗速度  
SPEED

20m/min  
35m/min

### 光伏玻璃清洗机 Photovoltaic glass cleaning machine

主要加工对象 Main processing object

性能稳定，变频调速，根据生产要求提供最优化解决方案。  
目前已有系列：通用级、丝印级、镀膜级、汽车级和LOW-E级。  
能与高力威任意一款磨边线组成连线，实现整线控制，操作更简便。

Washing Machine has stable performance and frequency control, which provide the most optimal solution according to production requirements.  
Washing Machine can be combined with any edging line of GOLIVE, which could be achieved the whole line control and operated easily.

清洗机常规机型配置表 Conventional Configuration Table for Washing Machine

型号规格 Item	圆边机配套 Equipped with Pencil edger	
	GQX16-A	GQX16F-B
参数 Specification		
最大宽度 Maximum width	1000mm	1000mm
最小宽度 Minimum width	300mm	300mm
玻璃厚度 Glass thickness	1.6-6mm	1.6-6mm
清洗速度 Washing speed	20m/min	35m/min
总功率 Total power	58kw	70kw
重量 Weight	5.5T	6.8T
毛刷数量 number of brushes	4	6
风刀数量 number of air knives	4	6
水箱加热 heating tank	是/否 (默认否) Yes / No (the default is No)	
风机变频 blower frequency	是/否 (默认否) Yes / No (the default is No)	

## GQX16/20/25/30/33H-B 系列/SERIES

Washing & Drying Machine  
玻璃清洗干燥机



### 清洗烘干，任意尺度都挥洒自如 Available for different size

主要加工对象 Main processing object

性能稳定，变频调速，根据生产要求提供最优化解决方案。  
目前已有系列：通用级、丝印级、镀膜级、汽车级和LOW-E级。  
能与高力威任意一款磨边线组成连线，实现整线控制，操作更简便。

Washing Machine has stable performance and frequency control, which provide the most optimal solution according to production requirements.  
Washing Machine can be combined with any edging line of GOLIVE, which could be achieved the whole line control and operated easily.

清洗机常规机型配置表 Conventional Configuration Table for Washing Machine

型号规格 Item	圆边机配套 Equipped with Pencil edger			
	GQX16H-A GQX16HR-A	GQX25H-A GQX25HR-A	GQX25H-B GQX25HR-B	GQX33F-A GQX33FR-A
参数 Specification				
最大宽度 Maximum width	1600mm	2500mm	2500mm	3300mm
最小宽度 Minimum width	420mm	420mm	420mm	420mm
玻璃厚度 Glass thickness	3-25mm	3-25mm	3-25mm	3-25mm
清洗速度 Washing speed	12m/min	12m/min	15m/min	12m/min
总功率 Total power	33kw	35kw	43kw	50kw
占地面积 Area	5200×4200mm	6700×5200mm	8100×5200mm	7450×5900mm
上/下片长度 Loading/Unloading Table Length	1650mm	1650mm	1650mm	1650mm
重量 Weight	4T	5.5T	6.8T	8T
毛刷数量 number of brushes	3	3	3	3
风刀数量 number of air knives	2	2	3	3
水箱加热 heating tank	是/否 (默认否) Yes / No (the default is No)			
风机变频 blower frequency	是/否 (默认否) Yes / No (the default is No)			

数造时代 智掌未来

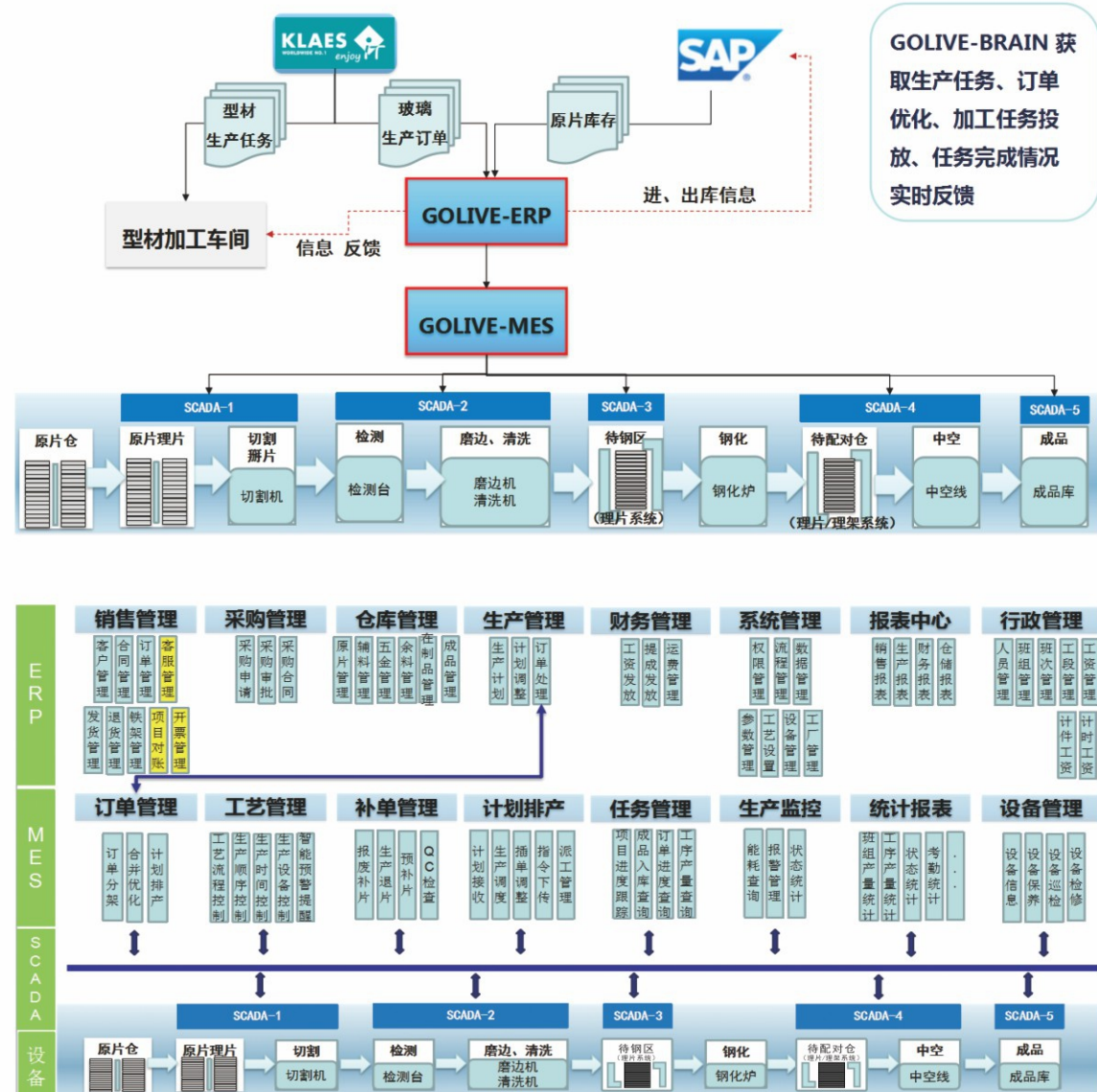
Making the Times by Numbers, Mastering the Future by Wisdom.

工业4.0-自动化连线篇  
INDUSTRY 4.0- AUTOMATIC CONNECTION

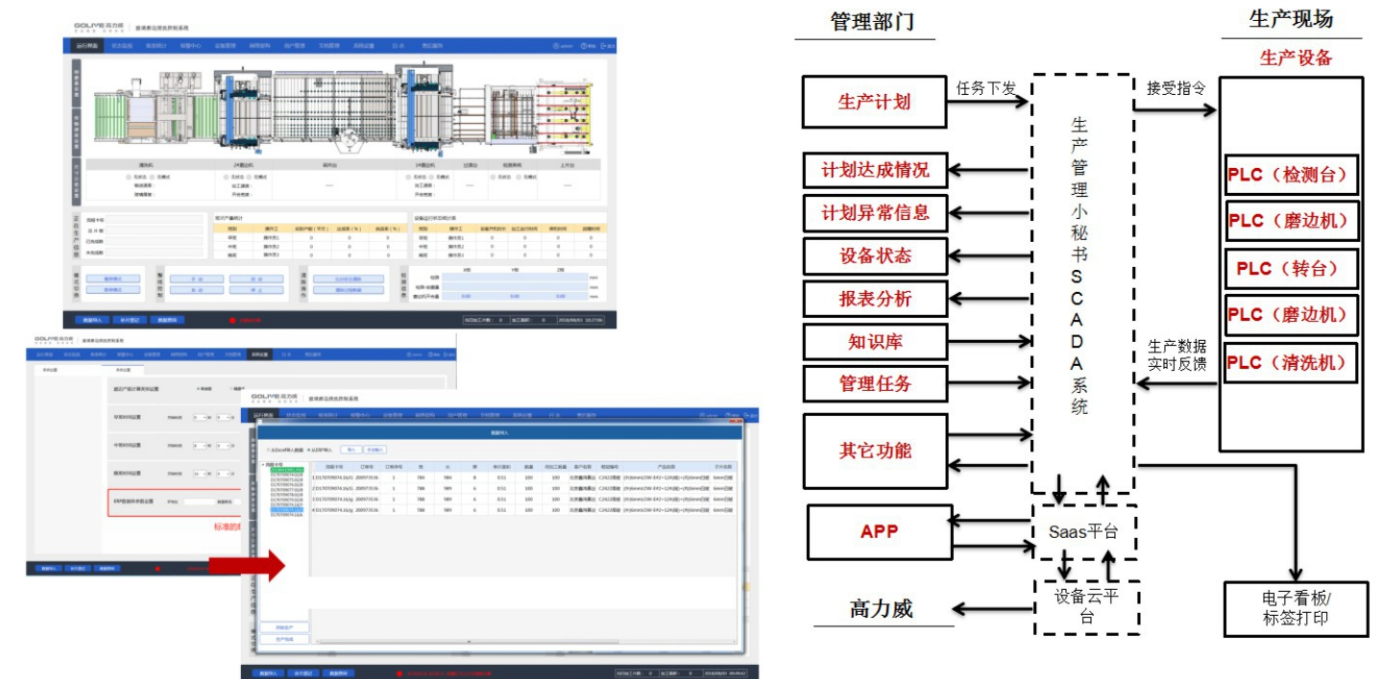
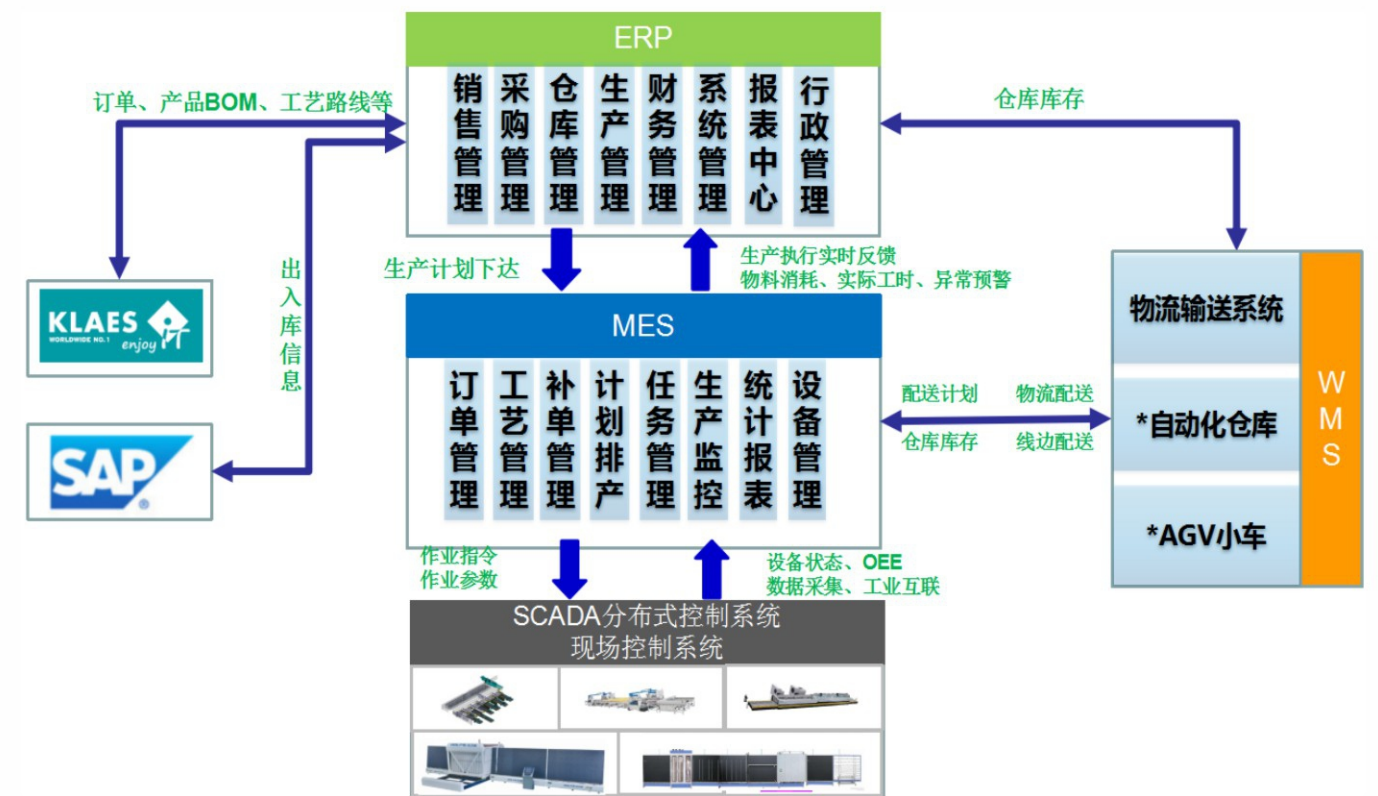
如何唤醒沉睡在生产线的的数据？帮助智能制造重新定义企业价值是一个急待解决的问题，高力威自主研发的企业智慧运营系统，将生产自动化、无缝互联、智能管理等特点集于一身，打造智慧共享的玻璃深加工工业互联网生态系统。

How to use production line data to define enterprise value in intelligent manufacturing times is an issue in badly need of resolving. On the basis of the above, GOLIVE researched and developed independent enterprise intelligent operation system, By integrating production automation, seamless connection and intelligent management, it aims at creating an Internet ecological system of glass deep-processing industry that can be shared by all intelligently.

ERP+MES(G+B)SYSTEM INTRODUCE  
G+B(ERP+MES)系统应用介绍



GOLIVE-BRAIN 获取生产任务、订单优化、加工任务投放、任务完成情况实时反馈

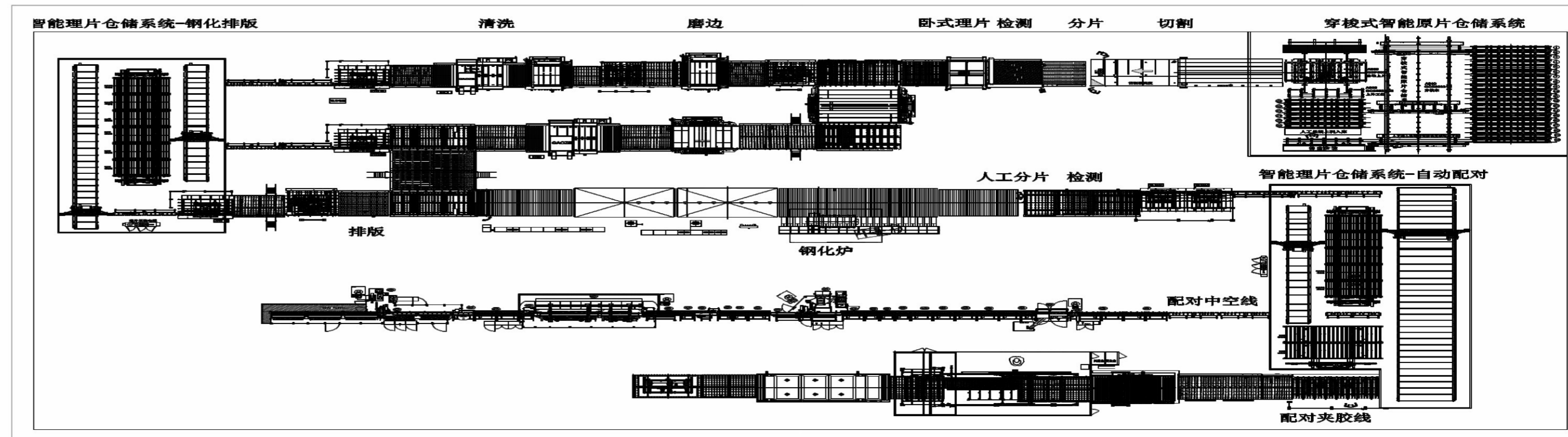


# 玻璃深加工工业4.0-建筑领域方案

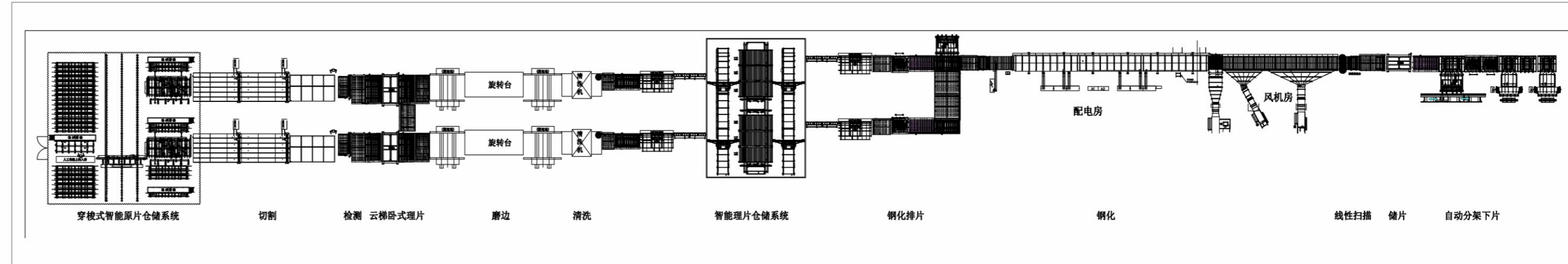
## Glass deep processing industry 4.0-construction field program



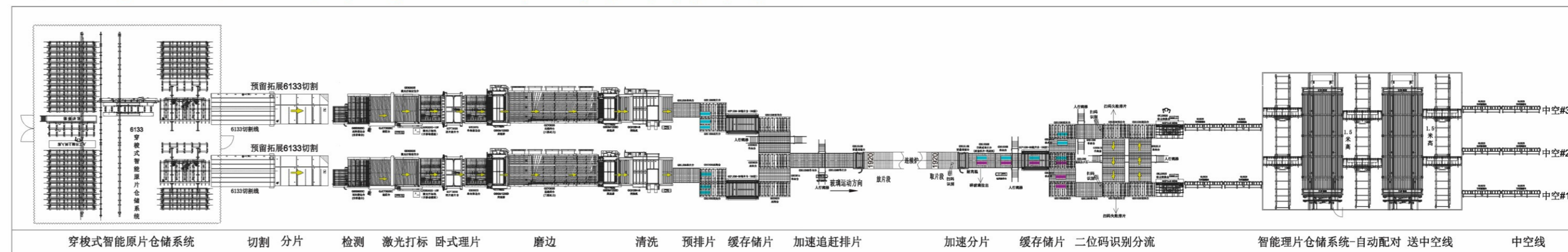
### 系统门窗智能连线 (切磨钢中空夹胶整厂连线) Window & Doors Processing Line(Ful factory line including cutting, edging, tempering, IG line and Laminating Line)



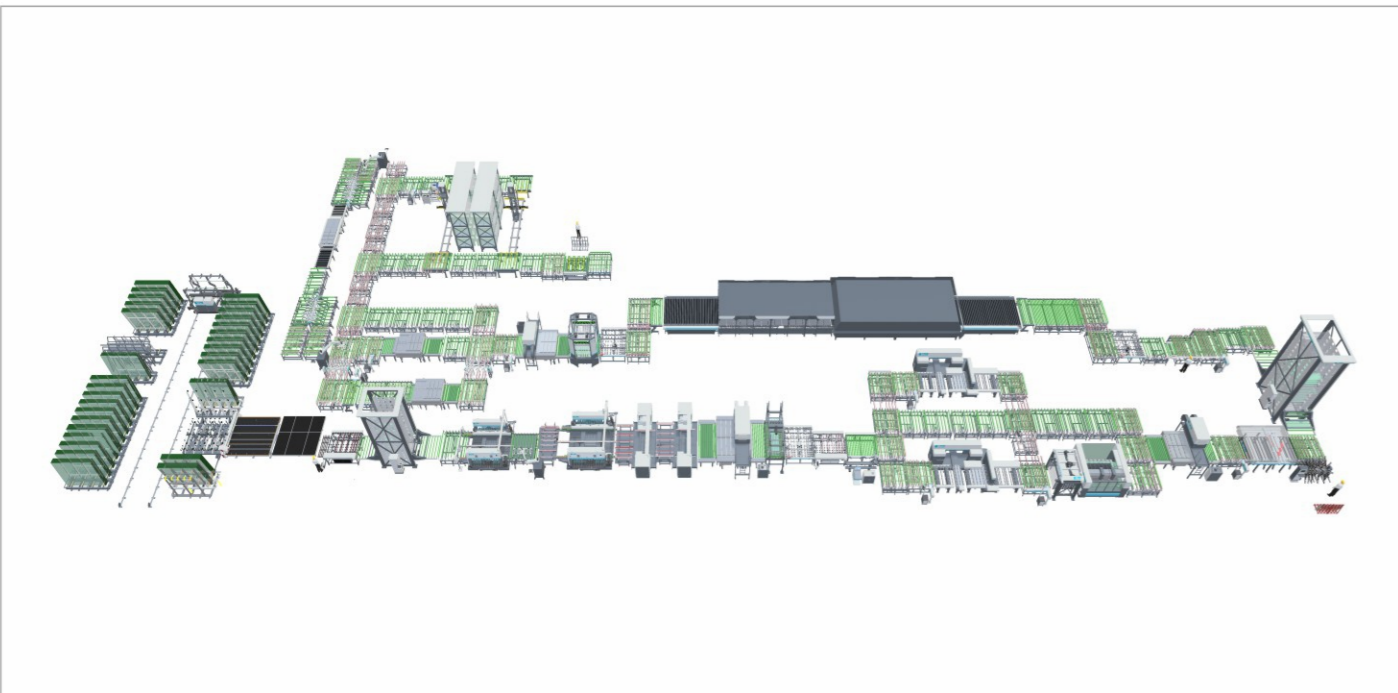
### 工程幕墙 (切磨钢连线; 钢化前自动理片; 钢化后按架按序下片) Curtain Wall Processing Line(cutting, edging, tempering line: Automatic sorting before temper, Unload with sequence after temper)



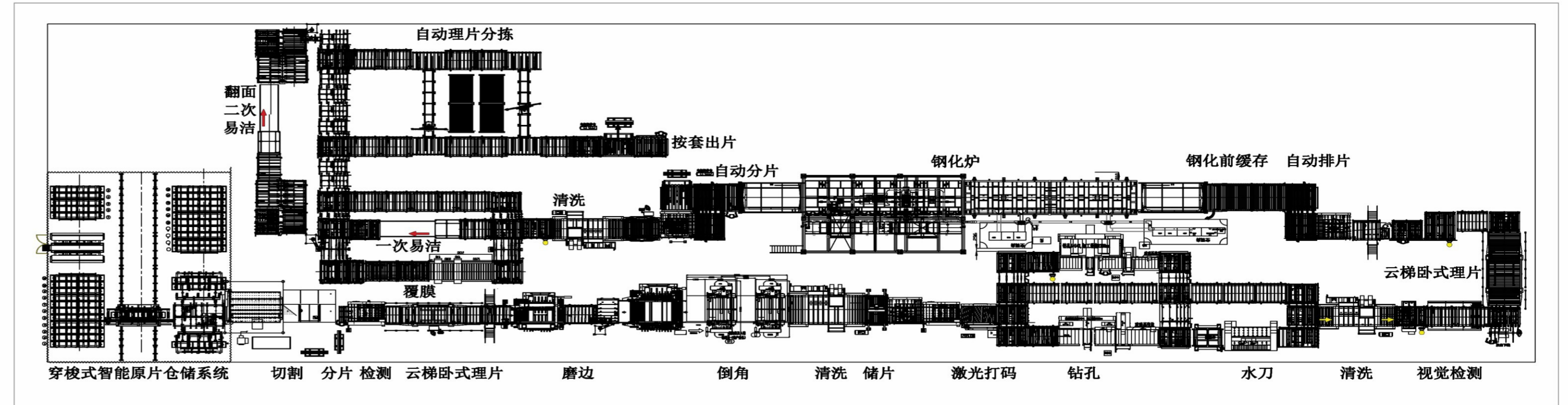
### 工程门窗 (切磨钢中空连线) Engineering doors and windows processing line(cutting edging tempering IG line connection)



玻璃深加工工业4.0-淋浴房领域方案  
Glass deep processing industry 4.0-Shower room field scheme



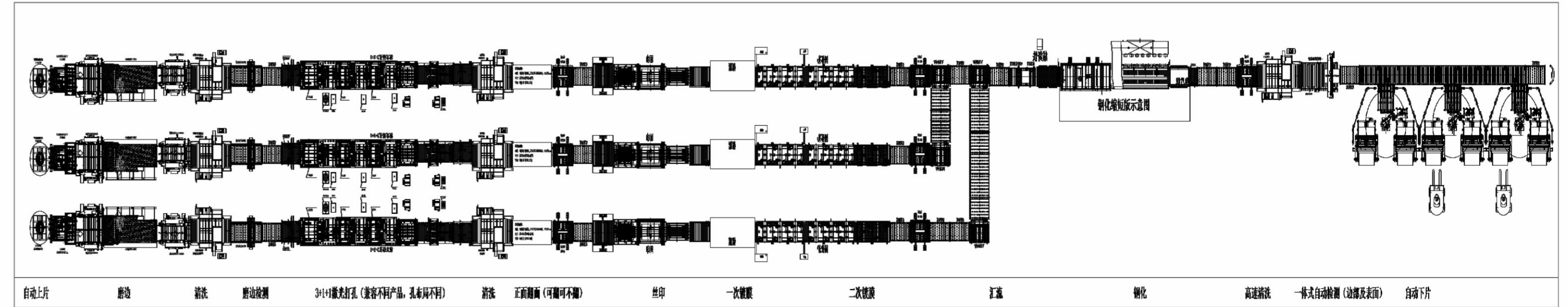
淋浴房领域方案 / Shower door glass processing solution



玻璃深加工工业4.0-光伏领域方案  
Glass deep processing industry 4.0-Photovoltaic field scheme



光伏领域方案 / Solar glass solution



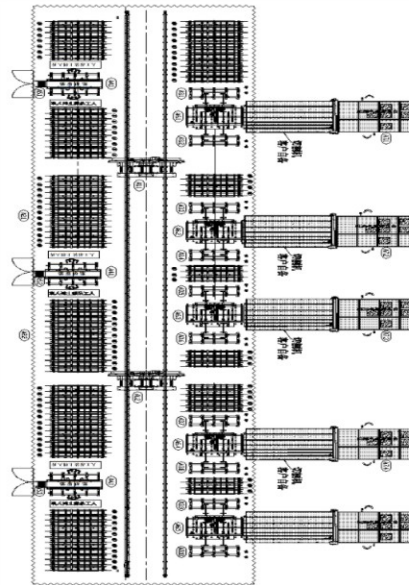
# GCS 4228/5133/6133 系列/SERIES

Intelligent Raw Material Storage System (Shuttle Machine)  
智能原片仓储系统 (穿梭取片机)

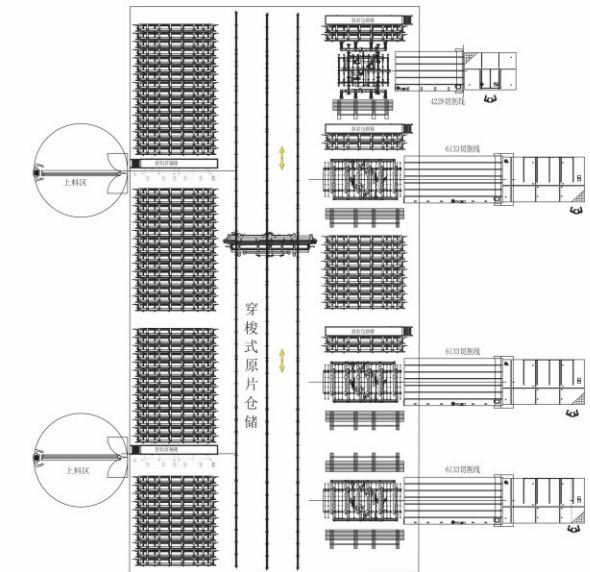
适用于批量同规格玻璃的仓储运输, 每次输送一架玻璃, 可供应1-6条切割线。  
Applicable to the same glass size storage and transportation, each time one glass rack, it can meet supply 1-6 Cutting lines.



## 双车案例 Double machine case

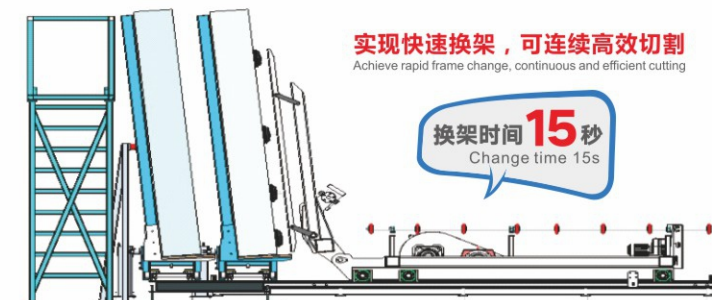


## 单车案例 Single machine case



## 上片位 (双工位) 工作示意图 Working diagram of upper position (double position)

上片工位, 上片台吸取第一架玻璃 / Upper station, upper station suction the first glass



导轨采用“H”钢配扁导轨经过热处理, 高耐磨、高强度、不变形; 另配尺寸齿条传动组合, 可高速行进确保精准定位不打滑穿梭由双伺服电机通过齿条驱动, 保证行走精度, 避免因惯性打滑。  
The guide rail is made of "H" steel with flat guide rail after heat treatment, which is highly wear-resistant, high-strength and non-deformed. It is equipped with a rack-and-pinion drive combination, which can travel at high speed to ensure accurate braking and positioning without slipping. The shuttle is driven by a double servo motor through a rack and pinion. Ensure walking accuracy and avoid slipping due to inertia.

## 主要技术参数 Main Technical Specification

类别	Category	GCS6033	GCS4228
最大玻璃规格	Maximum glass specification	6000x3300mm	4200x2800mm
最小玻璃规格	Minimum glass specification	3050x2140mm	2440x1800mm
移动玻璃架最大承重量	Maximum weight of movable glass frame	8000kg	5000kg
移动玻璃架最大存放深度	Maximum storage depth of moving glass frame	450mm	450mm
玻璃包存放数量	Quantity of glass bags stored	1至2包	1至2包
穿梭车在轨道移动重复定位精度	The shuttle moves on the track with repetitive positioning accuracy	±2mm	±2mm
穿梭车牵引钩重复定位精度	Shuttle traction hook repeat positioning accuracy	±2mm	±2mm
穿梭车 (满载) 在轨道的最大移动速度	Maximum moving speed of shuttle (full load) on track	24m/min	24m/min
穿梭车 (空载) 在轨道的最大移动速度	The maximum speed at which a shuttle (no load) can move on a track	40 m/min	40 m/min
穿梭车牵引钩 (满载) 最大拉动速度	Maximum pulling speed of shuttle traction hook (full load)	18 m/min	18 m/min

## 产品简介:

智能穿梭式原片仓储系统适用于批量同规格玻璃的仓储运输, 每次输送一架玻璃, 可供应1-6条切割线。穿梭车能准确并迅速地定位到存片区的玻璃架, 根据系统指令从存片区吸取同尺寸规格、厚度的原片玻璃架, 快速输送到上片台工位上片, 进入到下一步切割工序, 整体过程快速、平稳。由于上片台侧面可配置两个上片工位, 所以第二顺位的原片会被穿梭车由存片区事先送至上片等待区。更换原片品种时, 切割进程不受任何干扰, 提高效率, 节省系统资源。

穿梭车采用西门子运动控制系统和驱动系统模块。原片管理系统具备订单优化、库存管理、原片识别功能、智能路径优化与任务调试功能, 快速有序地进行原片的调试, 实现玻璃最优化的切裁率, 从而保证整线的效率及效益最大化。该系统有效避免不断人工吊装原片, 翻架子的重复工作, 并能智能地管理原片库存。

## 产品描述:

- 1、上片工位设有拆包楼梯, Low-E玻璃没使用完的情况, 工人可及时封包, 不需要穿梭车把玻璃退仓, 节约工作时间和系统资源。
- 2、上片工位采用双工位设计, 穿梭车利用上片台吸取第二工位玻璃的空余时间换架, 保证上片台可连续工作。
- 3、提供PDA (移动终端), 带有扫码、SIM卡、射频、画面显示等功能。扫码能够通过玻璃条码进行信息绑定; SIM卡能够通过无线通讯连接远程ERP; 射频功能能够对操作人员的操作进行信息跟踪; 画面显示能够方便操作人员对玻璃信息进行核对跟实时下达指令。
- 4、提供对任何ERP进行对接接口。
- 5、穿梭车会以库存玻璃先进先出, 路径最近的原则进行工位筛选。
- 6、提供快速复机功能: 遇到电脑死机、工厂断电等不确定因素只需简单的人为干预则可以到达快速复机的效果。
- 7、界面信息丰富直观, 主界面基本涵盖了机台的信息以及基本参数。
- 8、提供快速屏蔽系统工位, 在工位发生故障的情况下能够快速屏蔽, 不影响生产。
- 9、提供生产管家APP, 通过APP能够实时查看的状态以及产能等信息。

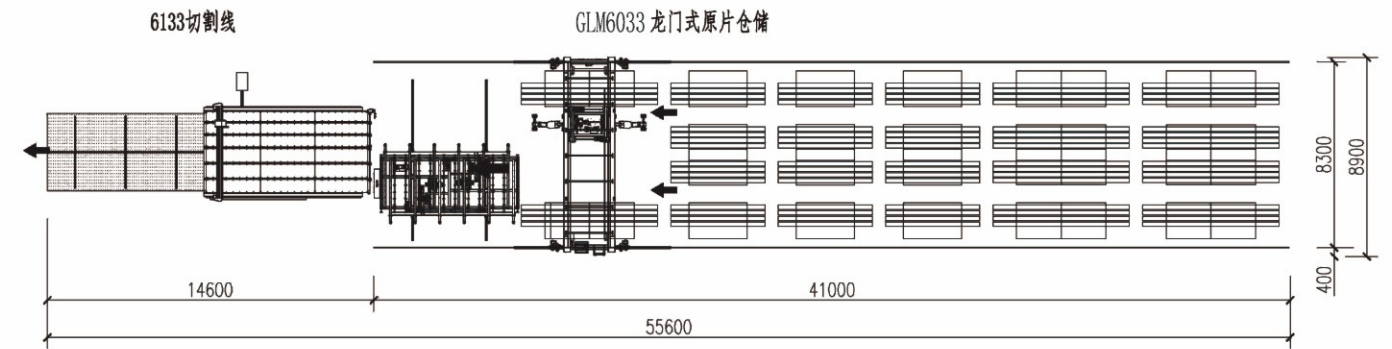
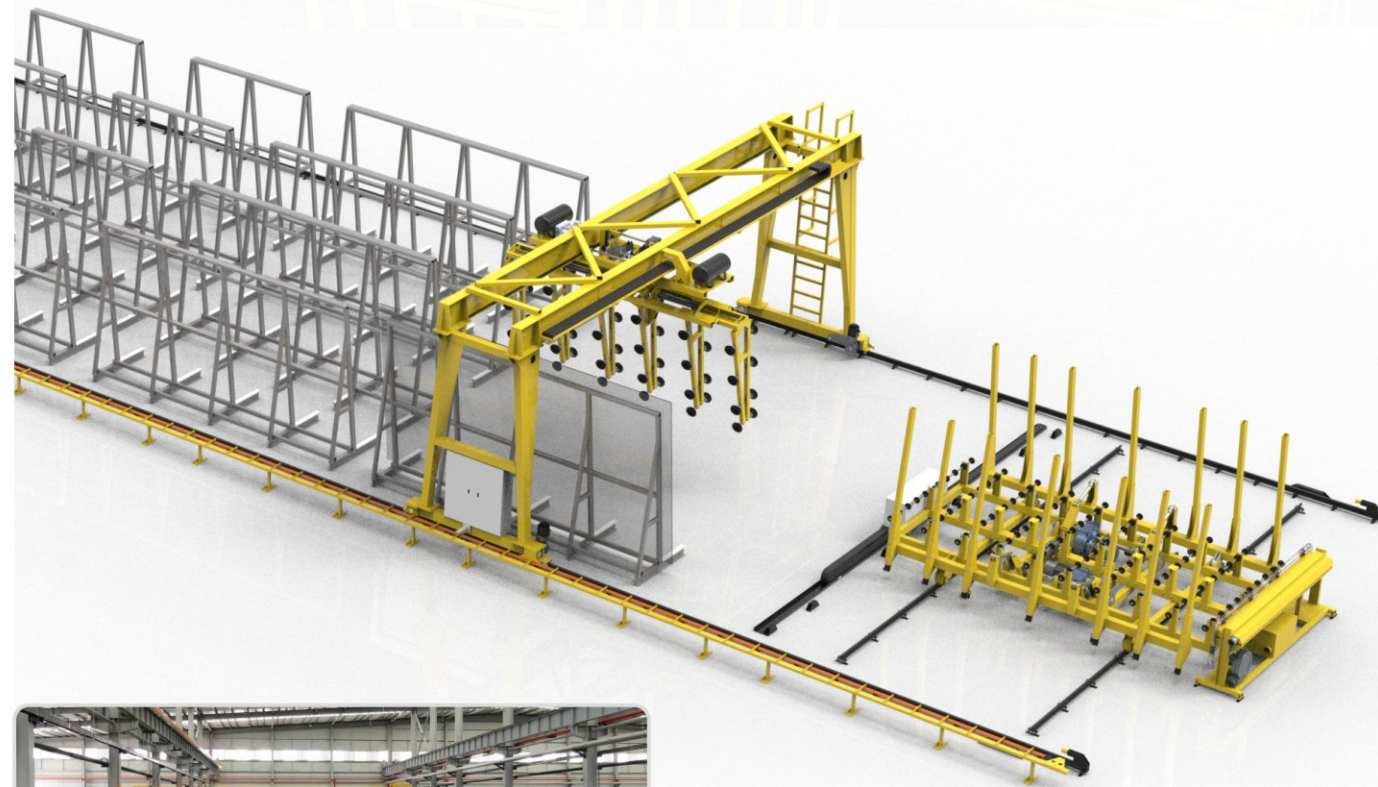
## Product introduction:

the intelligent shuttle type raw material storage system is suitable for the storage and transportation of glass with the same specification in batch. It can deliver one glass at a time and supply 1-6 cutting lines. Shuttle can accurately and quickly locate the glass frame to the storage area, and absorb the original glass frame of the same size, specification and thickness from the storage area according to the system instructions, and quickly convey it to the upper working station of the upper piece, and enter the next cutting process. The whole process is fast and smooth. Since two upper stations can be configured on the side of the upper station, the original film of the second order will be sent to the upper waiting area by shuttle from the storage area in advance. When changing the original variety, the cutting process is free from any interference, improving efficiency and saving system resources. The shuttle adopts Siemens motion control system and drive system module. The original sheet management system has the functions of order optimization, inventory management, original sheet recognition, intelligent path optimization and task debugging. The original sheet debugging can be carried out quickly and orderly to achieve the optimized cutting rate of glass, so as to ensure the maximum efficiency and benefit of the whole line. The system can effectively avoid the repetitive work of hoisting and rearranging the original film manually, and can intelligently manage the original film inventory.

## Product description:

1. The upper workstation is equipped with unpacking stairs. If the low-e glass is not used up, the worker can seal the bag in time without shuttling back the glass, saving working time and system resources.
2. The upper station adopts double station design, and the shuttle USES the spare time of the upper platform to absorb the glass of the second station to change the frame, so as to ensure the upper platform can work continuously.
3. PDA is provided with functions such as scanning code, SIM card, radio frequency and picture display. Scanning code can carry out information binding through glass bar code; SIM card can connect with remote ERP through wireless communication; The radio frequency function can track the operator's operation information. Screen display can facilitate the operator to check the glass information with real-time instructions.
4. Provide docking interface for any ERP.
5. The shuttle will screen the station according to the principle of stock glass first-in, first-out and the nearest path.
6. Provide quick restart function: in case of computer crash, power failure of factory and other uncertain factors, simple human intervention can achieve the effect of quick restart.
7. The interface information is rich and intuitive. The main interface basically covers the information and basic parameters of the machine.
8. Provide quick shielding system station, which can be quickly shielded in case of the station failure without affecting production.
9. Provide the production butler APP, through which you can view the status, capacity and other information in real time.

## 智能原片仓储系统—龙门式 Intelligent Storage System ( Gantry Loader )



龙门架准确而迅速地定位到原片玻璃架，根据系统指令从原片区吸取不同尺寸规格、厚度的原片玻璃，快速输送到翻片台上，进入到下一步切割工序，整体过程快速、平稳。原片仓采用了西门子运动控制系统和驱动系统模块，具备库位管理、原片识别功能、智能路径规划与任务调度功能，快速有序地进行原片的调度，实现最优化的切裁率，从而保证了整线的效率及效益最大化。该系统有效避免不断人工吊装原片，翻架子的重复工作，并能智能管理仓储数量。

Gantry loading system can position to the original glass rack accurately and quickly. It can absorb different size of glass from float area according to system instructions and then transmit to overturning table quickly and smoothly.

Gantry loading system adopts Siemens motion control system and Siemens drive module system with precise location management float glass recognition features, smart path planing and schedule adjustment to realize largest productivity for cutting line. This gantry system is more safe and more intelligent management because it avoid hoisting float glass manually and flipping rack.

### 产品描述：

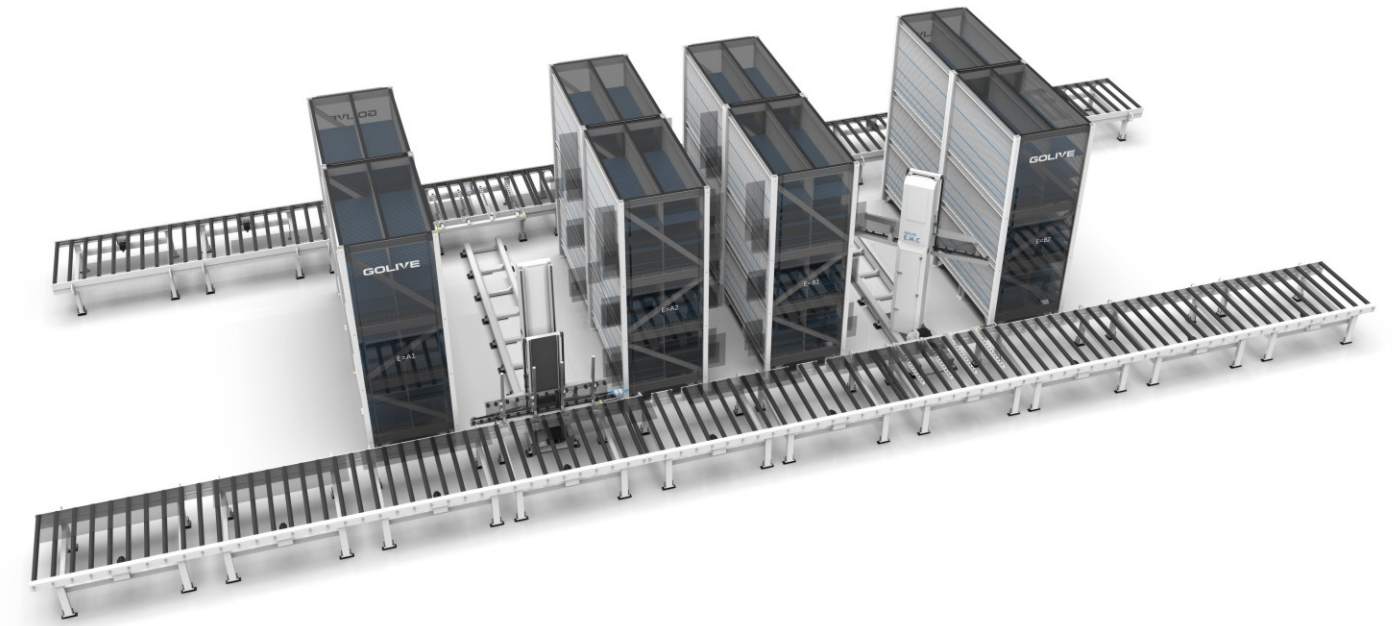
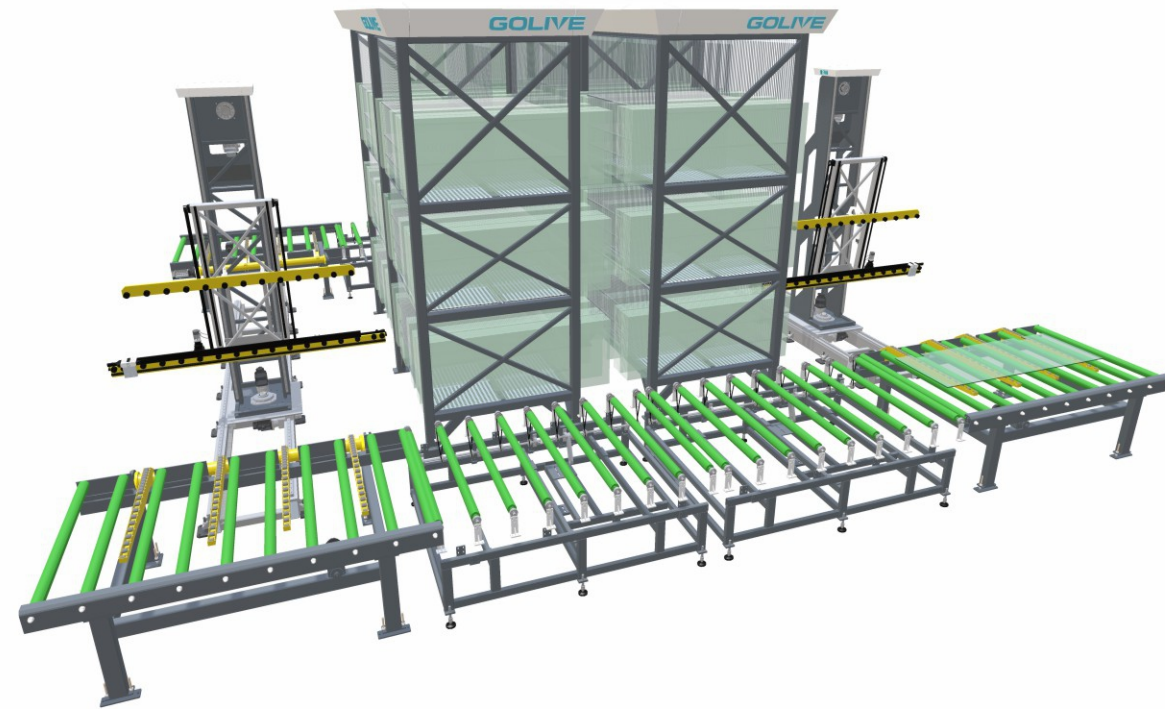
- 提供龙门原片仓储管理功能，含出入库作业、调拨作业、安全库存设置等功能；
- 提供与ERP系统的数据接口，支持下料切割方案主动推送到切割机进行原片下料，推送到龙门仓储机进行原片拾取；
- 提供两个仓储系统的库存数据联动机制与统计分析功能，包括分库统计与合并统计；
- 提供办公室客户端程序，直接可以访问系统中目前龙门仓储机系统中添加和使用数据，以及剩余的原片的数据（尺寸、类型、厚度、膜系等相关信息），方便生产和库房对原片的管理；
- 生产数据可上传云端，可提供远程实时库存查询功能，提供生产管家APP；
- 提供安全库存预警及实时采购单生成功能；
- 自主开发底层程序开发软件，能够接收切割优化管理系统发出的上片台需要对应的玻璃架序列号后，自动完成相应玻璃送入及移出。实时上片后，相关玻璃架之玻璃数量可以在高力威系统上位机数据库实时更新。该龙门仓储系统可以同上片台进行自动信号、数据交换。
- 工位可定制，龙门取片机跨度：5-20米可选。

### Product Description

- Provide float glass warehousing management functions, such as warehousing and ex-warehousing, allocation and safety inventory settings;
- Provide data interface with ERP system; support blanking and cutting plan; pushing to the cutting machine actively for blanking original film; pushing them to gantry warehousing machine for picking up original film;
- Provide inventory data linkage mechanism and statistical analysis function of two warehousing systems, including separate and consolidated statistics;
- Provide office client program; visit the data added and used in the present gantry warehousing system in the system as well as the data of the rest original films directly (such as size, type, thickness and film) so as to help production workers and warehouse managers manage the original films;
- Provide remote timely inventory inquiry function and APP program;
- Provide safe inventory pre-warning and timely PO generation function;
- Provide configuration control software and finish sending out and moving the corresponding glass automatically after receiving the corresponding glass rack serial No. required by the film sending platform issued by cutting optimization system; after the films are sent in time, the quantity of glasses in the relevant glass racks can be updated in time in the upper computer of GOLIVE system. The gantry warehousing system can realize automatic signal and data exchange with film sending platform.
- Working station is customized. 5-20m span of gantry film collector is optional.

## 卫浴玻璃智能理片分拣系统

Intelligent sorting system for shower door glass



### 产品描述 / Product Description :

对加工过程中的矩形玻璃进行尺寸检测或扫码识别确认后批次自动存储于网格架中，并按系统按套按序要求依次取出玻璃，依次为下一道玻璃加工工序进行缓存和梳理的功能，每一格网格可存储单片玻璃，并布局三层网格，从而达到存储空间的充分利用，快速、精准、智能分类存储及智能出库，过程中减少了人工搬运及分类存储的环节，避免人工分拣划伤玻璃，极大的提高了分拣效率及保证的产品品质；

The rectangular glass in the process of processing is automatically stored in the grid frame in batches after size detection or code scanning identification, and the glass is taken out in sequence according to the requirements of the system, and the next glass processing procedure is cached and combed in turn. Each grid can store a single piece of glass, and three layers of grids are arranged, so as to make full use of the storage space, quickly, accurately and intelligently classify and store it, and reduce the links of manual handling and classified storage in the process, which greatly avoids manual sorting and scratching the glass.

### 适用范围 / Area of application :

钢化前缓存分拣：

- > 玻璃自动缓存，平衡冷加工与钢化工序之间的节拍，确保钢化炉的稼动率，让钢化炉不间断生产，提高效率，降低单位能耗成本；
- > 玻璃依钢化排版要求自动出片，自动排版，以达成钢化装载率最大化的目的；

成品缓存分拣：

- > 玻璃依淋浴房成套/发货顺序/组装顺序要求自动出片，不需人工理片分拣，大幅度减少理片分拣人员，减少人工成本，提高分拣效率，确保品质，减少场地面积，确保准交，快交；

Buffer sorting before tempering:

- > glass automatic cache, balance the beat between cold working and tempering process, ensure the turnover rate of tempering furnace, make tempering furnace produce continuously, improve efficiency and reduce unit energy consumption cost;
- > the glass is automatically discharged and typeset according to the requirements of toughened typesetting, so as to achieve the purpose of maximizing the toughened loading rate;

Finished product cache sorting:

- > the glass is automatically discharged according to the requirements of complete set/delivery order/assembly order of shower room, without manual sorting, which greatly reduces sorting personnel, reduces labor costs, improves sorting efficiency, ensures quality, reduces site area, and ensures accurate delivery and quick delivery;

### 组成 / Composition:

检测台（扫码识别台）、输送台、翻片台、高速分拣小车、网格架、高速小车；  
Detection platform (code scanning recognition platform), conveying platform, film turning platform, high-speed sorting trolley, grid frame and high-speed trolley;

### 主要技术参数 / Main Technical Specification :

存储量：

单个网格架25格，三层，第一层存储高度1000mm,第二层存储高度1000mm,第三层存储高度1600mm；  
网格架数量可根据场地和存量需求定制；

存储范围：

玻璃长度：800-2500mm；宽度200-1600mm；厚度4-12mm；

高速分拣小车速度：Max100m/min

玻璃输送速度速度：Max 40m/min

存取效率：两台分拣小车出入片效率4片/分钟；

Storage capacity:

A single grid frame has 25 grids and three layers, with the storage height of the first layer is 1000mm, the storage height of the second layer is 1000mm and the storage height of the third layer is 1600mm;

The number of grid frames can be customized according to the site and stock demand;

Storage range:

Glass length: 800-2500mm; Width 200-1600mm; Thickness of 4-12mm;

Speed of high-speed sorting trolley: Max100m/min

Glass conveying speed: Max 40m/min.

Access efficiency: the access efficiency of two sorting trolleys is 4 tablets/minute;

# GWGC3525/4525/6030 系列/SERIES

Fully Automatic Smart Sorting & Matching System  
全自动智能理片仓储系统

高速小车  
移动速度300米/分  
High-speed car with a  
moving speed of 300m/min.



### 产品描述：

- 对加工过程中的矩形玻璃进行尺寸测量后批次存储于网格架内，并按系统要求依次取出玻璃，以此为下一道玻璃加工工序进行缓存和梳理功能，每一格网格可存储单片或多片玻璃，从而达到存储空间充分利用。快速地检测、精确定位、智能分类存储及智能出库；过程中减少了人工搬运及分类存储的环节，提高效率。

### 组成：

- 立式检测台，输送台，高速小车，网格架，高速小车，立式上下片台（可选项），管理系统。

### 适用范围：

- 玻璃切割后优化分拣功能；
- 玻璃磨边清洗后存储优化分类落架；
- 钢化之前对玻璃按订单或品种进行排炉优化和缓存；
- 中空之前对玻璃进行理片、缓存，并满足中空玻璃A/B片自动配对出片需求。

### Product Description:

- All the glass can storage to grid rack after finished all detection jobs of glass , and then can remove glass according system requirements ,it can caching and carding in advance for the next working step ,each grid can storage one or more pieces of glass to realise maximize storage ,detection quickly ,accurate pinpointing ,smart classification and smart outputting ,it can save man power and improve efficiency according reduce handling manually ,classification storage .

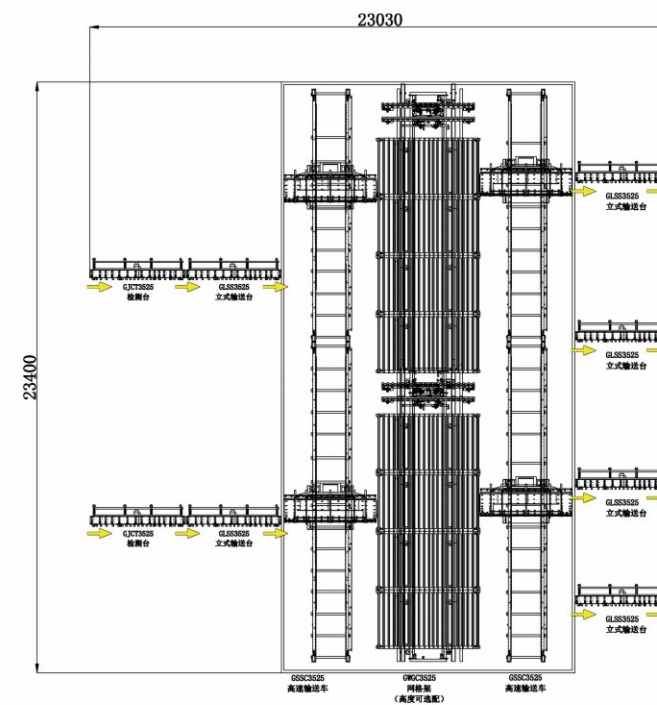
### Compositon:

- Vertical Detection Table ,Conveyor Table ,High Speed car ,Grid ,Vertical Loading & Unloading Table (optional), management system.

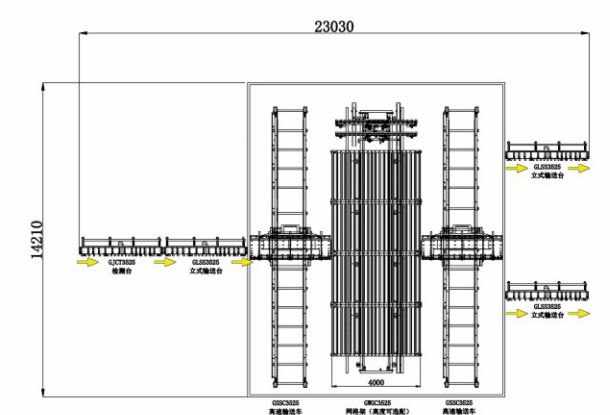
### Applicability:

- Optimizing Sorting function after cutting step;
- Storage & Optimizing classification function after grinding and washing step;
- Permutation optimization and sorting caching before tempered step;
- Before hollow ,the glass is processed and buffered, and the requirement of automatic matching of hollow glass A/B sheet is met.

二拖四方案(输出6-8片/分钟)  
Two-for-four scheme(Output 6-8 tablets/min)



一拖二方案(输出4片/分钟)  
One with two scheme(Output 4 tablets/min)



# GLJ2520/3025/3525 系列/SERIES

Smart Sorting & Matching System  
智能理架系统



## 中空玻璃自动配对神器

BEST MACHINE FOR INSULATING GLASS AUTOMATIC MATCHING

**产品描述:**

- 把散乱的玻璃输入巷道，快速精准检测、系统智能比配优化按理架模式规则出片；
- 取代人工配片和贴标环节，提高生产效率；
- 支持工单扫描，读取ERP数据进行比对；
- 单架理片时，当上片玻璃为下片玻璃时直通，不用存储于网格内，允许连续入片。

**组成:**

- 立式输送台（手动/自动上片）+ 立式检测台 + 移动网架 + 立式输送台（手动/自动下片）

**配对模式**

- 自动配对，不需耗费人力去人工配对，准确无误；
- 网格架中始终有玻璃不间断出玻璃，确保连续不停顿生产，中空整线效率提高20~30%；
- 出片玻璃信息可传递至上铝框段，指导上框顺序，确保不出错；
- 可自动打印对应玻璃标签，避免标签贴错；
- 自动反馈每架玻璃是否齐备，反馈或打印缺片和补片信息；
- 可提供信息给中空线自动调整胶深；

**使用范围:**

- 配对模式:适用于中空前在线使用,把两架需要配对的不同玻璃送进理架系统,按工单要求顺序配好出片;
- 顺序模式:适用于中空前离线使用,把单架需要配对的不同玻璃送进理架系统,按工单顺序出片;
- 效率模式:适用于磨边前或彩釉前离线使用,按小批量整单及大小顺序出片,以散化整,减少磨边开合次数,提升磨边效率约1~3倍。
- 存量80巷道;每个巷道可存多片。

**Product descriptions:**

- Put the scattering glasses into path; fast and precise inspection and system intelligent comparison and optimization; receive films based on the rack mode;
- Replacing artificial film matching and label pasting and removing to improve production efficiency;
- Supporting work ticket scanning and reading ERP data for comparison;
- It is directly connected when film is sorted with single rack and the upper glass is also the lower one; it will not be saved in net grid; continuous film sending is allowed.

**Composition:**

- Vertical transfer platform (manual/auto loading) + vertical detection bench + mobile net rack + vertical transfer platform (manual/auto unloading).

**Pairing mode**

- Automatic matching, do not need to spend manpower to manual matching, accurate;
- There is always glass in the grid frame without breaking the glass, to ensure continuous production, the efficiency of hollow whole line increased by 20~30%;
- The glass information can be transferred to the upper aluminum frame, and the order of the upper frame can be guided to ensure no errors;
- The corresponding glass label can be automatically printed to avoid mislabeling;
- Automatic feedback on whether each glass frame is complete, feedback or printing missing and patch information;
- Can provide information to the hollow line automatically adjust the glue depth;

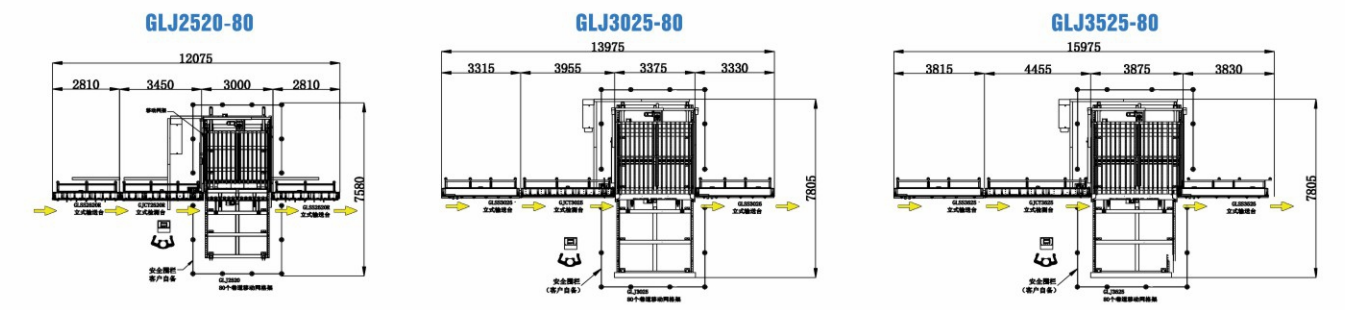
**Scope of applicability:**

- Pairing mode: Applicable to online use prior to insulating glass line; send different glasses in need of repairing for two racks into rack sorting system; the pieces will be sent out after well repaired based on the sequence in work ticket in order;
- Sequence mode: Applicable to offline prior to insulating glass; send different glasses in need of repairing of single rack to rack sorting system; the pieces will be sent out based on the sequence in work ticket;
- Efficiency mode: Applicable to offline use prior to edge grinding or glazing; send out pieces based on the whole small batch of orders and size; the scattering ones will be integrated to reduce the edge grinding times; the edge grinding efficiency can be 1~3 times higher than previously.
- Stock 80 roadway; Each roadway can store multiple pieces.

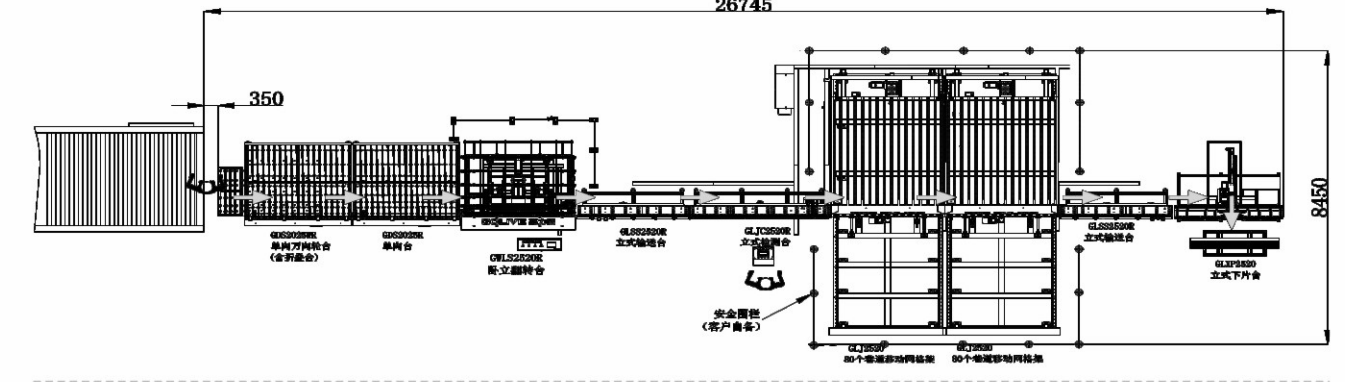
**主要技术参数 Main Technical Specification**

类别	Category	GLJ2520/3025/3525	类别	Category	GLJ2520/3025/3525
加工玻璃厚度	Thickness of Processed Glass	3-10mm	工作台高度	Workbench platform	550±50mm
最小玻璃尺寸	Min. Glass Size	400x400mm	移动网架巷道	Mobile net rack path	80个(单个巷道可存多片)
最大玻璃尺寸	Max. Glass Size	2520/3025/3525	连线中空两玻配对数	Number of connected hollow glass pairs	≤30对/40对
玻璃输送速度	Glass Delivery Speed	45m/min	单架玻璃理片数	Number of single rack glass pieces	≤60片/80片
网架移动速度	Net Rack Moving Speed	≥18m/min	平均理片效率	Average glass piece efficiency	≥4pcs/min/≥3pcs/min
功率	Power	10KW	输送角度	Conveying angle	7°

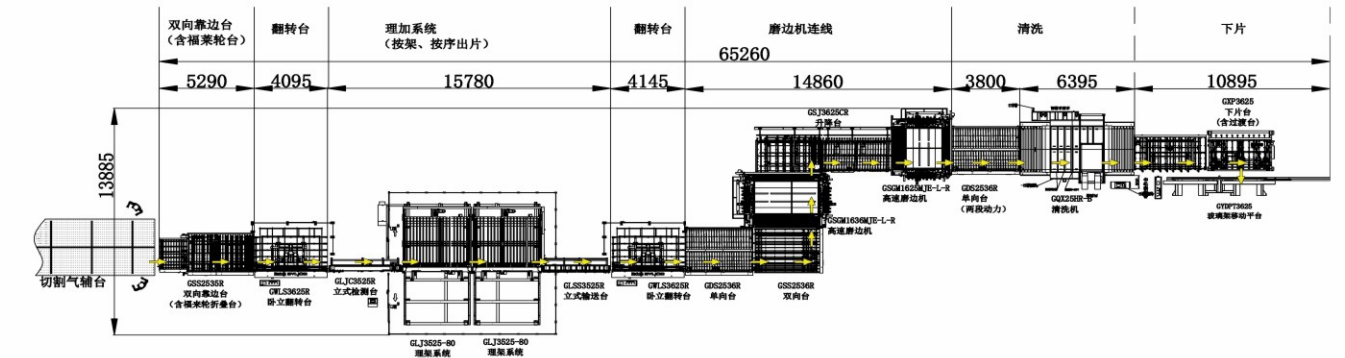
## 双笼串联理片案例 2 Cages in Series Sorting Cas



**按架按序出片下片**  
According to the frame, the next piece is taken out in sequence.



**按架按序磨边自动下片**  
Edge grinding according to frame and sequence, automatic film unloading.

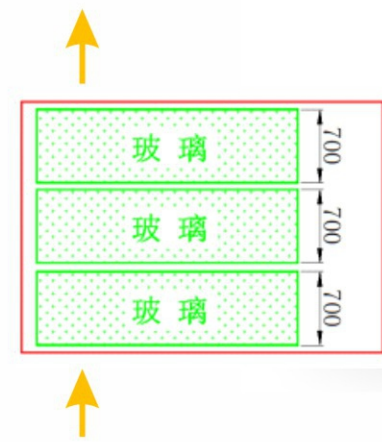


## GCPT 2520/3025/3525/4025 系列/SERIES

Horizontal Sorting And Storage Station(Free Glass Taking)  
卧式理片储片台 (自由取片)

### 单层可存储多片

Single layer can store multiple pieces



#### 产品描述

- 适用于切磨连线之间，平衡切割与磨边的生产节拍，自动优化，以散化整出片，减少磨边机开合，磨边效率倍增；
- 适用于磨边清洗与钢化之间，平衡磨边与钢化的生产节拍，自动优化，提升钢化炉的装载率；
- 适用于玻璃深加工的前工序与后工序之间，平衡上下游工段节拍，优化缓存；
- 避免后工序发生短暂故障而影响前工序的正常生产，达到调节生产的目的，

#### Product Description

- It is suitable for cutting and grinding connection line, balancing the production beat of cutting and edge grinding, automatic optimization, in order to disperse the whole piece, reduce the opening and closing of edge grinding machine, edge grinding efficiency doubled;
- It is suitable for balancing the production beat of grinding edge and tempering between grinding edge cleaning and tempering, automatically optimizing and improving the loading rate of the tempering furnace;
- It is suitable for the pre-process and post-process of glass deep processing, balancing the upstream and downstream section beats and optimizing the buffer memory.
- Avoid the temporary failure in the later process and affect the normal production of the previous process, so as to achieve the purpose of adjusting production.

#### 主要技术参数 Main Technical Specification

类别	Category	GCPT 4025	GCPT 3525	GCPT 3025	GCPT 2520
最小加工玻璃尺寸	Minimum working glass size	400x400mm	400x400mm	400x400mm	400x400mm
最大加工玻璃尺寸	Maximum size of finished glass	4000x2500mm	3500x2500mm	3000x2500mm	2500x2000mm
层数	The layer number	8层/Layer	8层/Layer	9层/Layer	9层/Layer
厚度	Thickness	4-12mm	4-12mm	4-12mm	4-12mm
输送速度	Conveyor speed	0-40m/min	0-40m/min	0-40m/min	0-40m/min
总功率	The total power	6.5kW	6.5kW	6.5kW	6.5kW
工作台高度	Table height	920±20mm	920±20mm	920±20mm	920±20mm
传动方式	Transmission mode	辊筒+链条	辊筒+链条	辊筒+链条	辊筒+链条
定位方式	location mode	全伺服	全伺服	全伺服	全伺服

## GYT 2520/3520 系列/SERIES

Cloud ladder type glass management system  
云梯式理片系统

对玻璃进行缓存分拣，按下工序要求自由分拣出片！

Buffer sorting the glass and sending it out according to the process requirements.



## GCP 2520/3620 系列/SERIES

Buffer storage  
缓存储片台

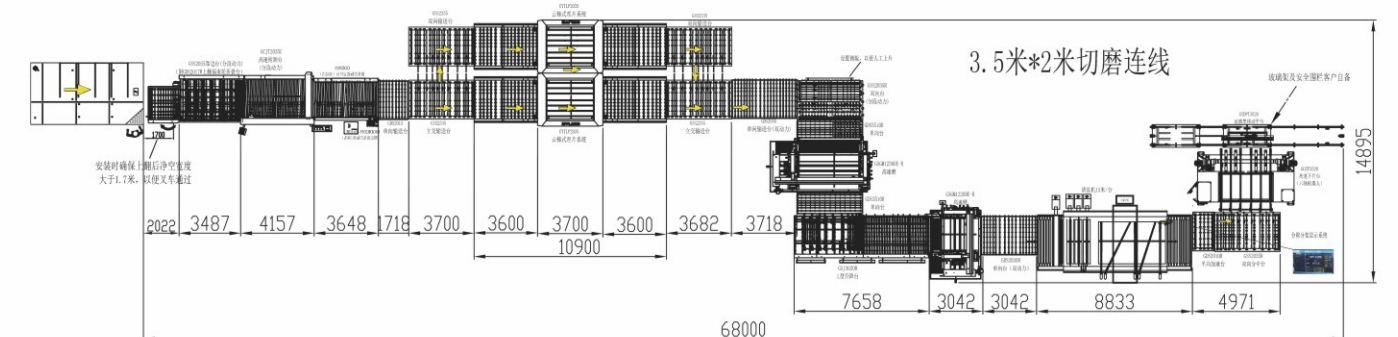
对玻璃进行缓存，按顺序出片（后进先出）！

Buffer storage and sending out the glass according to the FIFO sequence (last in first out).



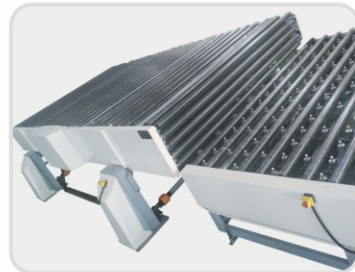
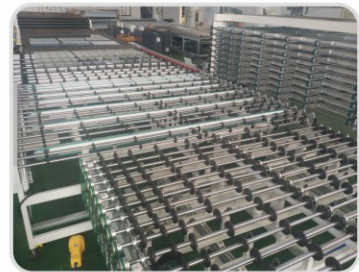
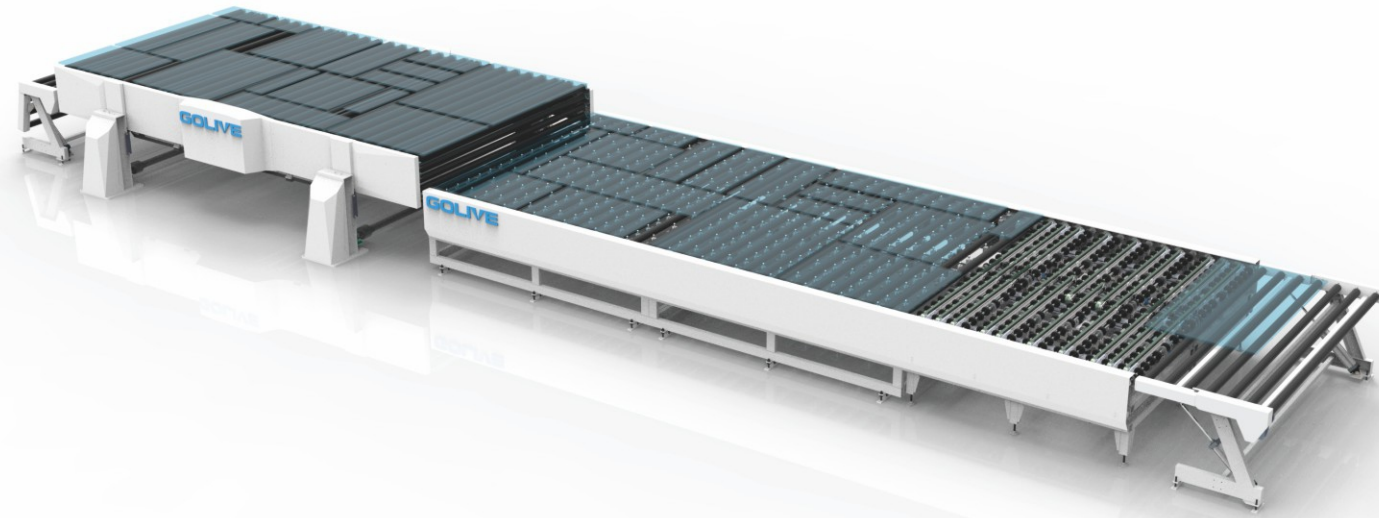
### 云梯式理片高速切磨连线 (自动理架、理序、自动下片) 8片/分钟

Cloud ladder type glass management High-speed cutting and grinding connection (automatic rack sorting, sequence sorting, automatic unloading) 8 pieces/minute



## GPPT5030/6028

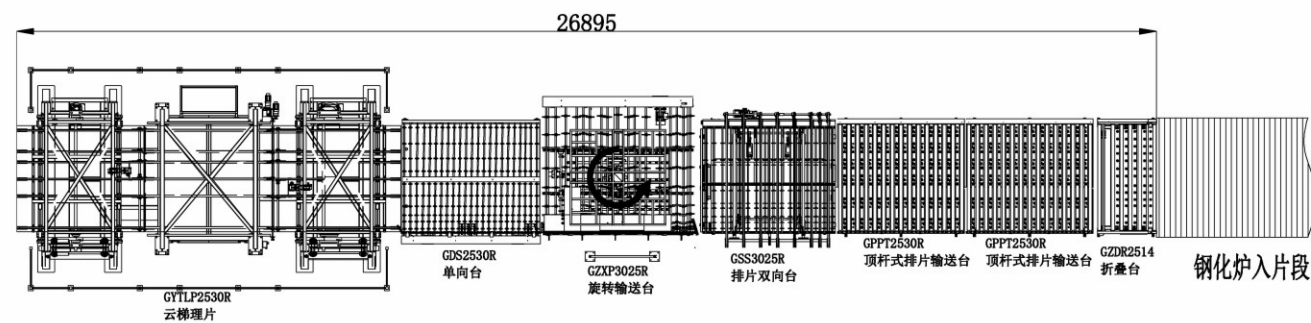
Tempered Automatic Glass Allocation System  
钢化自动排炉系统



### 功能说明/Function Description :

- 1.根据玻璃尺寸系统优化自动排版(装载率最大化)
  - 2.缓存5炉,提高钢化装载率及稼动率;
  - 3.排版规律,提高钢化品质。
  - 4.降低单位能耗成本;
- 1.Optimize automatic layout according to glass size system (maximize loading rate)
  2. Cache 5 furnaces to provide steel loading rate and marrying rate;
  3. Regular layout, providing tempered quality.
  4. Reducing the unit energy consumption cost.

### 方案示意图/Scheme diagram



## GJDB 2520/3025/4025 系列/SERIES

Mobile Laser Marking System  
移动式激光打标系统



激光打标定位输送台  
Laser marking positioning conveyor

激光打标机  
laser marking machine

移动机构模组  
Mobile mechanism module

### 功能说明 :

- 1.激光器为水冷式紫外激光机;
- 2.功率可根据打标内容及效率选择5W或10W;
- 3.激光头可移动,支持连接ERP/MES,对玻璃不同角落打标;
- 4.打标内容:内容自定义(如3C、Logo、二维码等)
- 5.打标效率:3秒(依内容多少而定)

### Function Description:

- 1.The laser is a water-cooled ultraviolet laser machine;
- 2.The power can choose 5W or 10W according to the marking content and efficiency;
3. The laser head can be moved to support ERP/MES and mark different corners of the glass;
4. Marking content: custom content (such as 3C, Logo, QR code, etc.)
5. Marking efficiency: 3 seconds (depending on the content)

### 案例图片/Case picture :



## 幸福无处不在

HAPPINESS IS EVERYWHERE.

企业的发展，产品和技术固然重要，让员工幸福，受客户尊敬和信赖，使社会和谐更为重要！  
只有这样，幸福才会无处不在！

Enterprise development is more than innovation of technology but also with Employee Recognition and Customer Acceptance.  
We firmly believe that Customer Satisfaction is always the most happiest thing of GOLIVE Staff.

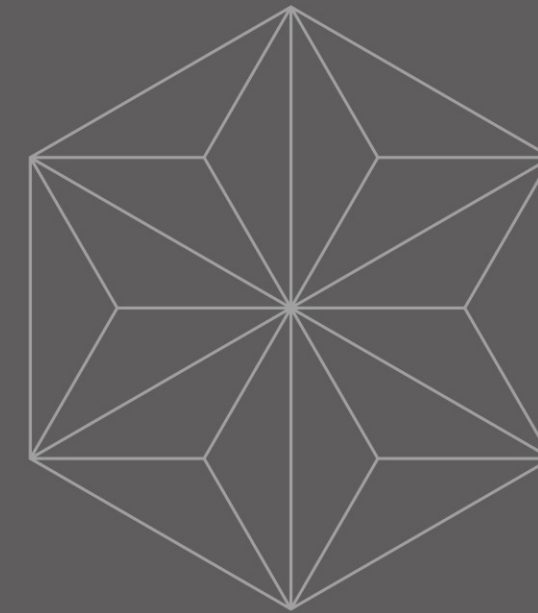
产品和技术是企业的竞争力，  
而一流的经营理念，  
一流的人才培养系统，  
一流的经营体制，  
才是企业发展的核心竞争力。

客户对企业的尊重和信赖是最好的见证！

——陆思远 总裁

Products and technology are the competitiveness of enterprises,  
and first-class business philosophy,  
first-class personnel training system,  
first-class management system,  
is the core competitiveness of enterprise development.  
The customer's respect and trust to the enterprise is the best witness!

Said by Eric  
Golive President



至此，

高力威给您呈现了诚信和品质，  
这世界需要更绿色更透明，  
让我们共同携手并努力，  
承担这历史使命！  
感谢您的翻阅！

So far,

GOLIVE has expressed our sincerity and quality,  
let's work together to make the world greener and more transparent,  
let's make efforts together to take on the historical mission!  
Thanks for your attention!

