

Zhengzhou Kuotu Glass Co.,Ltd.



Make the glass processing simpler
让玻璃加工更轻松

Make the glass quality more high-end
让玻璃品质更高端

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Committed to automatic and intelligent glass
processing equipment.



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产品描述 PRODUCT DESCRIPTION

迪赛全自动玻璃切割机专为高速和高精度而设计。快速、准确、稳定的切割性能。

DISAI Automatic Glass Cutting machines are designed for high speed and a high degree of accuracy. Fast, accurate and stable cutting performance.

产品特点 OUR FEATURE



大功率双直驱
精度更高

High power dual
direct drive,
higher precision



双向切割
效率更高

Bidirectional cutting
higher efficiency



直线导轨
加斜齿条，
使用寿命
更长更耐用

Linear guide
rails plus helical
racks, longer service
life and more durable



全系国际
知名品牌
电器元器件

A full range of
internationally
renowned brand
electrical components



可选
双油箱

Optional double
lubrication tank

产品参数 PRODUCT PARAMETERS

产品型号 Models	最大加工尺寸 Max Cutting sheet	切割精度 Cutting precision	切割厚度 Cutting thickness	最高切割速度 Max Cutting Speed
DS-CM2621	2600 × 2100mm	± 0.15mm	2-19mm	200m/min
DS-CM3725	3700 × 2500mm	± 0.15mm	2-19mm	200m/min
DS-CM4228	4200 × 2800mm	± 0.20mm	2-19mm	200m/min
DS-CM5133	5100 × 3300mm	± 0.25mm	3-25mm	200m/min
DS-CM6133	6100 × 3300mm	± 0.25mm	3-25mm	200m/min
DS-CM7537	7500 × 3700mm	± 0.25mm	3-25mm	200m/min
DS-CM10037	10000 × 3700mm	± 0.30mm	3-25mm	200m/min
DS-CM12037	12000 × 3700mm	± 0.30mm	3-25mm	200m/min
DS-CM16037	16000 × 3700mm	± 0.30mm	3-25mm	200m/min
DS-CM18037	18000 × 3700mm	± 0.30mm	3-25mm	200m/min

AUTOMATIC GLASS CUTTING MACHINE



产品描述 PRODUCT DESCRIPTION

迪赛全自动玻璃切割台是切割直线和异形浮法玻璃的理想机器。机器切割性能稳定，占地面积小，精心设计的产品结构确保了最大的切割精度和最小的切割公差。

DISAI Automatic glass cutting table is a perfect machine for straight and shapes cutting of float glass. With its well compact design, the machine occupies minimum area and the well-designed construction ensures the maximum precision and minimum cutting tolerances.

产品特点 OUR FEATURE

直线
和异形
玻璃切割

Straight and
shapes
glass cutting

自动切割
压力调节

Automatic cutting
pressure regulation

双向切割

Bidirectional cut

可选
双油箱

Optional double
lubrication tank

产品参数 PRODUCT PARAMETERS

产品型号 Models	最大加工尺寸 Max Cutting sheet	切割精度 Cutting precision	切割厚度 Cutting thickness	最高切割速度 Max Cutting Speed
DS-CT2621	2600 × 2100mm	± 0.15mm	2-19mm	200m/min
DS-CT3725	3700 × 2500mm	± 0.15mm	2-19mm	200m/min
DS-CT4228	4200 × 2800mm	± 0.20mm	2-19mm	200m/min
DS-CT5133	5100 × 3300mm	± 0.25mm	3-25mm	200m/min
DS-CT6133	6100 × 3300mm	± 0.25mm	3-25mm	200m/min
DS-CT7537	7500 × 3700mm	± 0.25mm	3-25mm	200m/min
DS-CT10037	10000 × 3700mm	± 0.30mm	3-25mm	200m/min
DS-CT13037	13000 × 3700mm	± 0.30mm	3-25mm	200m/min
DS-CT16037	16000 × 3700mm	± 0.30mm	3-25mm	200m/min
DS-CT18037	18000 × 3700mm	± 0.30mm	3-25mm	200m/min

全自动激光打标机
AUTOMATIC LASER MARKING MACHINE

产品描述 PRODUCT DESCRIPTION

该解决方案可以安装在我们的自动玻璃切割机上，在打印文本上具有完全的灵活性，可以打印客户3C标志、LOGO、二维码、条形码等，包括所有玻璃细节、客户或制造商细节等。

This solution can be fitted on our automatic glass cutting machines with total flexibility on the printed text. It can print 3C LOGO, customer LOGO, QR code, barcode, etc. with all glass details, customer or manufacturer details and so on.



产品特点 OUR FEATURE

- 1、系统以玻璃切割机为载体，具有打码速度快，1s/（标准3c符号）；
- 2、打码位置精准高，在（±0.2MM）；
- 3、可打二维码、条形码、3C标志、企业LOGO等各种自定义标识；
- 4、打码等级高（按AIM DPM达到B级标准以上）；
- 5、读码准备率高，在输送40~60米/分速度下，读取率为99.9%；
- 6、可自行设定打码位置/打码方向，方便中空对标；
- 7、打码信息自由配置，信息储存量大；
- 8、产品可永久追溯，并具备防伪功能。

- 1. The system uses a glass cutting machine as a carrier, with fast coding speed, 1s/ (standard 3c symbol);
- 2. The coding position is accurate and high, within (±0.2MM);
- 3. Two-dimensional code can be printed, barcode, 3C logo, corporate LOGO and other custom logos;
- 4. The coding level is high (according to AIM DPM to reach the B-level standard or above);
- 5. The code reading preparation rate is high, and the reading rate is 99.9% under the conveying speed of 40-60 m/min;
- 6. You can set the coding position/coding direction by yourself, which is convenient for insulating glass pairing;
- 7. The coding information can be freely configured, and the information storage capacity is large.
- 8. The product can be traced permanently and has anti-counterfeiting function.

产品参数 PRODUCT PARAMETERS

产品型号 Models	激光型号 Lasermodels	标刻深度 Marking depth	打标速度 Marking speed	激光功率 Laser power
DS-JD4228	JPT-355-15S	0.1-0.25mm	1S/(标准3C符号)	15w
DS-JD5133	JPT-355-15S	0.1-0.25mm	1S/(标准3C符号)	15w
DS-JD6133	JPT-355-15S	0.1-0.25mm	1S/(标准3C符号)	15w

翻转式玻璃切割台
TILTING GLASS CUTTING TABLE



产品特点 OUR FEATURE

 极其坚固的 结构设计 Extremely robust structural design	 自动切割 压力调节 Automatic cutting pressure regulation	 高级形状 编辑器 Advanced shapes editor	 玻璃优化 软件 Glass optimization software	 远程技术 援助 Remote technical assistance	 全自动贴标 系统 Automatic labeling system
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产品参数 PRODUCT PARAMETERS

产品型号 Models	最大玻璃尺寸 Maximum glass size	玻璃厚度 Glass thickness	最大玻璃 切割速度 Maximum glass cutting speed	切割精度 Accuracy
DS-TCT2621	2600×2100mm	3-19mm	160m/min	±0.20mm
DS-TCT3826	3800×2600mm	3-19mm	160m/min	±0.20mm
DS-TCT6133	6100×3300mm	3-19mm	160m/min	±0.25mm

一体式玻璃切割台
INTEGRATED GLASS CUTTING TABLE



产品特点 OUR FEATURE



操作简单安全
Simple and safe operation



占地面积小
Cover a small area



切割速度快
Fast cutting speed



切割精度高
High cutting precision



性能稳定
Stable performance



功能齐全
Complete functions

产品参数 PRODUCT PARAMETERS

产品型号 Models	最大玻璃尺寸 Maximum glass size	玻璃厚度 Glass thickness	最大玻璃 切割速度 Maximum glass cutting speed	切割精度 Accuracy	上片速度 Loading speed
DS-ICT2621-J	2600×2100mm	3-19mm	160m/min	±0.20mm	40~50s
DS-ICT3826-J	3800×2650mm	3-19mm	160m/min	±0.20mm	40~50s

一体式玻璃切割台
INTEGRATED GLASS CUTTING TABLE



产品特点 OUR FEATURE



操作简单安全
Simple and safe operation



占地面积小
Cover a small area



切割速度快
Fast cutting speed



切割精度高
High cutting precision



性能稳定
Stable performance



功能齐全
Complete functions

产品参数 PRODUCT PARAMETERS

产品型号 Models	最大玻璃尺寸 Maximum glass size	玻璃厚度 Glass thickness	最大玻璃 切割速度 Maximum glass cutting speed	切割精度 Accuracy	上片速度 Loading speed
DS-ICT2621-A	2600×2100mm	3-19mm	160m/min	±0.20mm	40~50s
DS-ICT3826-A	3800×2650mm	3-19mm	160m/min	±0.20mm	40~50s

玻璃智能仓储系统
INTELLIGENT GLASS STORAGE SYSTEM



产品描述 PRODUCT DESCRIPTION

迪赛玻璃智能仓储系统由穿梭车、玻璃架、仓储架位、上片位、补片位、防护栏及控制系统7部分组成。穿梭系统的设计适用于供给多条切割线上片，通过穿梭车X和Y两个方向的移动，全自动实现玻璃架的入库、出库、上架、换架等操作。玻璃的尺寸、厚度、膜系等相关信息录入到资料库后，仓储库存区数据与总控中心数据同步并共享，实现信息的实时更新。

DISA1 glass intelligent storage system consists of 7 parts: shuttle car, glass rack, storage rack, film loading position, patch position, guardrail and control system. The design of the shuttle system is suitable for supplying multiple pieces of cutting line, and through the movement of the shuttle in the X and Y directions, the glass racks can be automatically loaded into, out of storage, loaded, and changed. After the glass size, thickness, film system and other related information are entered into the database, the data in the warehouse inventory area is synchronized and shared with the data in the general control center to realize real-time update of information.



产品特点 OUR FEATURE

极其坚固的结构设计
Extremely robust structural design

卓越的性能和可靠性
Outstanding performance and reliability

最优质的组件
Finest quality components

工业4.0 准备就绪
Industry 4.0 ready

远程协助
Remote assistance

量身定制的解决方案，以满足您的需求
Tailor-made solutions to fit your needs

产品参数 PRODUCT PARAMETERS

产品型号 Models	最大玻璃尺寸 Maximum glass size	最大重量 Max weighth	最大速度 Max speed	机架深度 Rack depth
DS-ISS4228	4200 × 2800mm	8000KG	45m/min	320mm
DS-ISS6133	6100 × 3300mm	10000KG		250mm

INTELLIGENT MULTILAYER &
LADDER HORIZONTAL ARRANGEMENT SYSTEM



产品描述 PRODUCT DESCRIPTION

迪赛切磨卧片理片系统适用于磨边前，用于切割后玻璃的存储以及优化分拣，提高磨边机开合效率；用于钢化前作为待钢玻璃的存储系统，与排片台配合使用，提高钢化炉装载率，节省人工。

DISIA Intelligent Multilayer & Ladder Horizontal arrangement System is suitable for storing and optimizing the sorting of glass after cutting before edging, and improving the opening and closing efficiency of the edging machine; it is used as a storage system for the glass to be tempered before tempering and save labor.



产品特点 OUR FEATURE

- 1、云梯升降传动稳定可靠，保证升降精度以及杜绝升降框架掉落的风险；
- 2、理片仓采用模块化设计，以10层为标准模块，可进行组合提高理片仓容量；
- 3、程序智能控制确定出片顺序；
- 4、智能寻层，快速存取，上升、下降动作迅速准确；
- 5、软硬件由迪赛自主研发，高度集成、完美融合，实现实时升级；
- 6、能够结合当前切割或掰片版面进行磨边前优化理片，实现优化排版出片。

- 1、The lifting and lowering transmission of the ladder is stable and reliable, ensuring the lifting accuracy and eliminating the risk of falling of the lifting frame;
- 2、The sorting bin adopts a modular design, with 10 layers as the standard module, which can be combined to increase the capacity of the sorting bin;
- 3、The program intelligent control determines the filming sequence;
- 4、Intelligent layer finding, fast access, rapid and accurate ascending and descending;
- 5、The software and hardware are independently developed by DISAI, which is highly integrated and perfectly integrated to achieve real-time upgrades;
- 6、It can combine the current cutting or breaking layout to optimize the film before edging, and realize the optimized layout and output.

产品参数 PRODUCT PARAMETERS

产品型号 Models	最大玻璃尺寸 Maximum glass size	理片节拍 Processing time	储片层数 Number of reservoir layers
DS-IHAS2621	2600×2100mm	9pcs/min	9/18/27/36
DS-IHAS3025	3000×2500mm		
DS-IHAS3725	3700×2500mm		
DS-IHAS6133	6100×3300mm		

INTELLIGENT VERTICAL CAGE TYPE ARRANGEMENT SYSTEM



产品描述 PRODUCT DESCRIPTION

- 1、把散乱的玻璃输入巷道，快速精准检测、系统智能比对优化，按理架模式规则出片。
- 2、取代人工配片和贴标撕标环节，提高生产效率；
- 3、支持工单扫描，读取ERP数据进行比对；
- 4、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。
1. Put the scattering glasses into path; fast and precise inspection and system intelligent comparision and optimization; receive films based on the rack mode.
2. Replacing artificial film matching and label pasting and removing to improve production efficiency;
3. Supporting work ticket scanning and reading ERP date for comparison
4. 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 allowed.

组成 COMPOSITION

立式输送台（手动/自动上片台）+立式检测台+移动网架+立式输送台（手动/自动下片）
Vertical transfer platform(manual/auto loading)+vertical detection bench + mobile net rack +vertical transfer platform (manual/auto unloading)

使用范围 SCOPE OF APPLICABILITY

- 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，按工单要求顺序配对好出片；
- 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，提升磨边效率的1-3倍。
- 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 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.

产品参数 PRODUCT PARAMETERS

产品型号 Models	加工玻璃厚度 Thickness of Processed Glass	最小玻璃尺寸 Min. Glass Size	最大玻璃尺寸 Max. Glass Size	平均理片效率 Average glass piece efficiency
DS-IVAS2520	3-8mm	400 × 400mm	2500x2000mm	5片/分/ 5 pcs/min
DS-IVAS3025	3-8mm	400 × 400mm	3000x2500mm	5片/分/ 5 pcs/min
DS-IVAS3525	3-8mm	400 × 400mm	3500x2500mm	5片/分/ 5 pcs/min
DS-IVAS6025	3-8mm	400 × 400mm	6000x2500mm	5片/分/ 5 pcs/min

GLASS DEEP PROCESSING ERP MANAGEMENT SOFTWARE

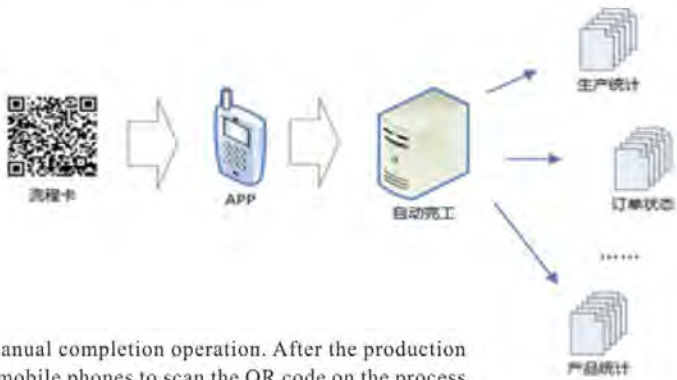
产品描述 PRODUCT DESCRIPTION

销售管理
系统采用图形化的导航界面，客户端无需安装即可快速完成日常贸易管理中的接单、排产、发货、收款等操作。

Sales management
The system adopts a graphical navigation interface, and the client can quickly complete operations such as order receiving, production scheduling, delivery, and payment collection in daily trade management without installation.



生产管理
配合自主研发的手机应用程序（APP），替代手工完工操作。生产人员生产完成后，使用手机等智能设备扫描流程卡上的二维码，即可自动完成完工操作。

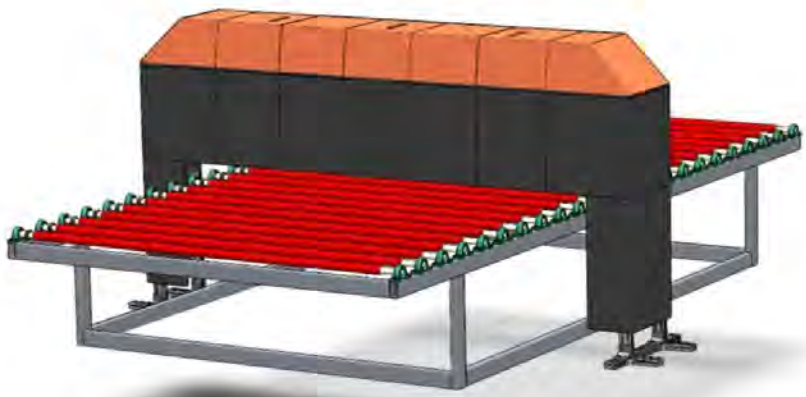


Production management
With the self-developed mobile application (APP), it can replace the manual completion operation. After the production personnel complete the production, they can use smart devices such as mobile phones to scan the QR code on the process card to automatically complete the completion operation.

统计功能
系统配备了多种方便实用的统计功能，能帮助管理者实时了解订单、生成、发货、收款、客户及库存情况，为后续决策提供数据支撑。

Statistical function
The system is equipped with a variety of convenient and practical statistical functions, which can help managers understand the status of orders, production, delivery, collection, customers and inventory in real time, and provide data support for subsequent decision-making.

SRCS SCANNING QR CODE/RECOGNITION AND COMPARISON SYSTEM



产品描述 PRODUCT DESCRIPTION

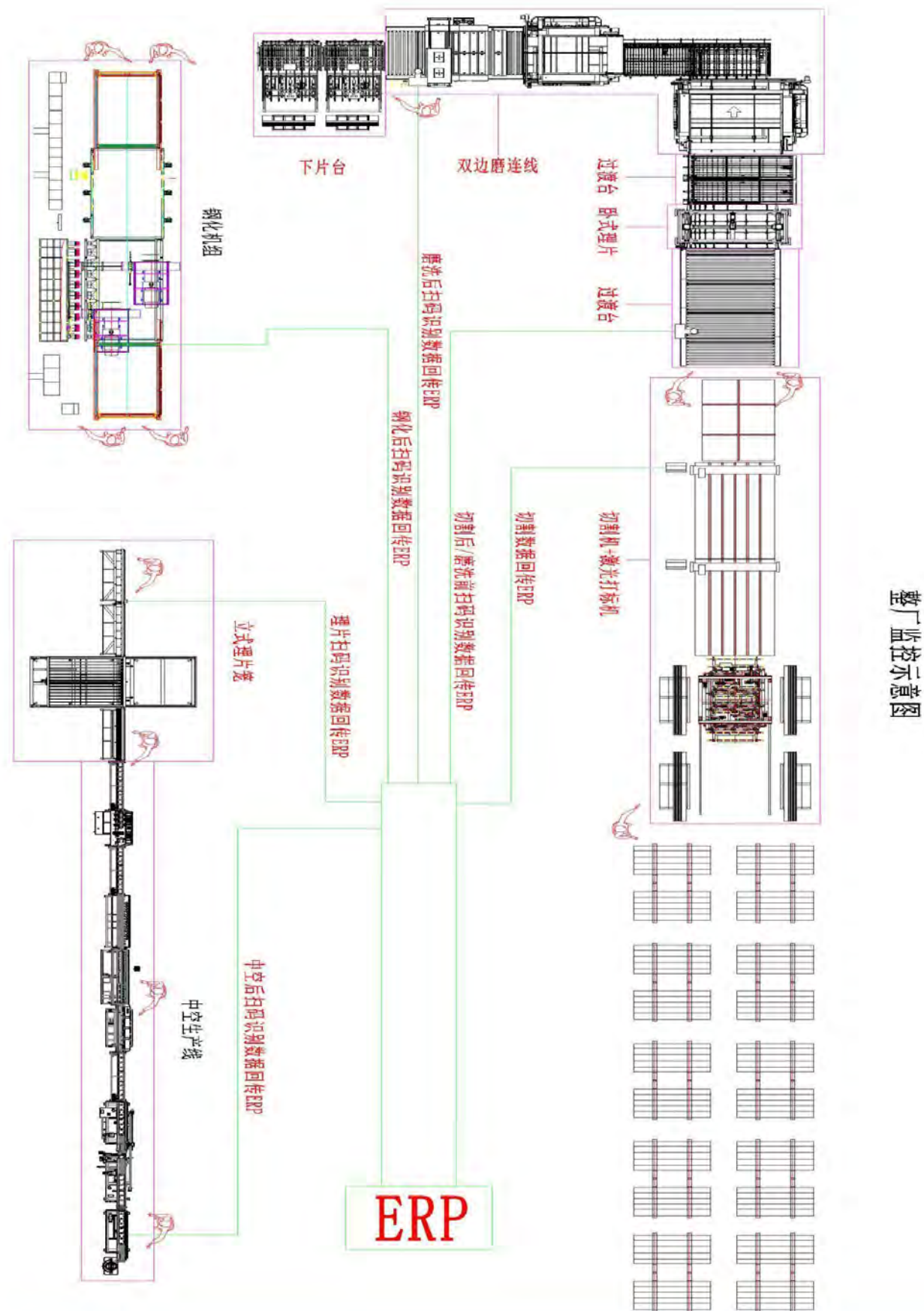
钢化炉智能视觉系统对激光打码或纸质标签信息进行采集、识别，然后进行信息的优化比对、信息提取、分类调用等功能，实现各工序的信息互通互联，应用于钢化炉补片，磨边机采集信息、自动开合等。

The tempering furnace intelligent vision system collects and recognizes laser coding or paper label information, and then optimizes and compares the information—information extraction, classification and calling, etc., realizes the information intercommunication of the preparation process, and is applied to the tempering furnace patch. Edge grinding machine collects information, automatically opens and closes, etc.

产品特点 OUR FEATURE

机器视觉系统的特点是提高生产的柔性和自动化程度。在一些不适合于人工作业的危险工作环境或人工视觉难以满足要求的场合，常用机器视觉来替代人工视觉；同时在大批量工业生产过程中，用人工视觉检查产品质量效率低且精度不高，用机器视觉检测方法可以大大提高生产效率和生产的自动化程度。而且机器视觉易于实现信息集成，是实现计算机集成制造的基础技术。可以在快的生产线上对产品进行测量、引导、检测、和识别，并能保质保量的完成生产任务。

The machine vision system is characterized by improving the flexibility and automation of production. In some dangerous working environments that are not suitable for manual work or where artificial vision is difficult to meet the requirements, machine vision is often used to replace artificial vision. At the same time, in the process of mass industrial production, the efficiency and accuracy of using artificial vision to check product quality is low. The use of machine vision inspection methods can greatly improve production efficiency and the degree of automation of production. Moreover, machine vision is easy to realize information integration, and it is the basic technology to realize computer integrated manufacturing. Can measure, guide, detect and identify products on the fastest production line, and can complete production tasks with quality and quantity



无论您有任何需求，我们都竭诚为您服务 Whatever your needs are, we are at your service

1、设备安装调试验收服务

为用户提供设备安装、调试、试生产、使用操作培训、理论知识培训、常见故障问题排除培训指导等一系列工作。设备到达厂家，一次性上门进行设备的安装、调试及不少于24小时的基本操作培训，验收设备并保证设备的正常使用，三个月内未要求安装调试的视为客户验收。注：技师或工程师在用户处设备安装调试工作期间的伙食、住宿由用户免费提供。

2、设备维修服务

针对使用设备出现故障进行检修、维修、配件更换的全程服务，分为：保修期内维修服务（免检修及配件更换）、保修期外维修服务（收取人工服务费、相应路途费及配件费）。

3、设备技术方案设计、咨询服务

可以根据客户不同的需求，为客户提供个性化的产品方案设计的方案。

1、Equipment installation and commissioning acceptance service

Provide users with a series of work such as equipment installation, debugging, trial production, operation training, theoretical knowledge training, and common troubleshooting training guidance. When the equipment arrives at the manufacturer, one-time door-to-door installation, commissioning and basic operation training of no less than 24 hours, acceptance of the equipment and guarantee of the normal use of the equipment. If no installation and commissioning is required within three months, it will be regarded as customer acceptance. Note: Meals and accommodation for technicians or engineers during equipment installation an commissioning work at the user's premises shall be provided by the user free of charge.

2、Equipment maintenance service

The whole-process service of overhaul, maintenance and replacement of parts for the failure of the equipment is divided into: maintenance service within the warranty period (free maintenance and replacement of accessories), maintenance service outside the warranty period (charged for labor service fees, corresponding road fees and accessories fees).

3、Equipment technical scheme design and consulting services

According to the different needs of customers, we can provide customers with personalized product design services.

