

星辉数控 EXCITECH



领先·创新 — 专注中国家具产业智慧化生产

自动化解决方案

智能信息化工厂生产解决方案
板式家具生产解决方案
橱柜门板生产解决方案
实木生产解决方案
五轴联动加工(先进材料)生产解决方案
雕刻设备生产解决方案
软件应用方案

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We Are EXCITECH®

EXCITECH® 星辉数控是一家专注于自动化木工数控设备研发、制造及生产软件开发和应用的企业，总部位于济南国家级高新开发区，华南生产基地位于广东肇庆大旺国家高新区，是高新技术企业。

◆ 我们专注于打造家具产业智能工厂，产品涵盖板式家具生产线设备、数控开料设备、数控裁板锯系列、全自动封边机系列、数控排钻加工中心系列、镂铣加工中心系列、全系列五轴立体化加工中心、不同规格型号的加工中心和雕刻机等机械设备，广泛应用于板式家具、定制橱柜衣柜、五轴三维立体化加工、实木家具等非金属数控加工领域。

◆ 我们的质量标准定位与欧美同步，全线产品标配国际品牌零部件，是国内少数采用数控加工设备加工全部机械零部件的厂家，配合先进的加工和装配工艺，并有严格的过程质检把关，致力为用户提供长期工业化使用下稳定可靠的设备，产品已出口100多个国家和地区。

◆ 我们是国内率先能够进行专业智能工厂整厂规划并提供相关成套设备及软件的厂家，全球上百套成熟落地案例，我们的数控开料设备、全自动直线封边机及高速数控排钻加工中心，结合自动化软件的定制家具柔性加工生产线，能够真正为您量身打造板式橱柜衣柜生产的一揽子解决方案，将定制化纳入规模化生产。

◆ 我们的技术能帮助您以更简单的方式、用更低的投入以及更少的时间，将理念和设计迅速转化为产品，提高您的工业自动化水平，摆脱对技术工人的依赖，有效地提高管理效益和生产效益。

真诚的欢迎您来公司实地考察参观，我们的理念和品质您可亲眼见证！



总部位于济南国家级高新开发区，是高新技术企业



广东肇庆华南生产基地

专注品质、注重服务、全心全意为用户创造价值

Honors 企业荣誉 截至到2021年底统计



定制家具生产线科技鉴定为
“国内领先水平”
公司荣获
“高新技术企业”
第一批“高端装备制造创新型企业”
“山东省工程技术研究中心”
“山东省科技进步一等奖”
.....



了解更多

Partners 合作伙伴 我们还有更多合作伙伴，期待您的加入！

声明：以上排名不分先后，客户名称及商标所有权归客户所有，不做任何其他用途！

We Are **EXCITECH**® —

Quality Defines Us

Global Presence, Local Reach

Excitech has proven itself quality-wise by its successful presence in over 100 countries worldwide. Supported by a strong and resourceful sales and marketing network as well as technical support teams who are well trained and committed in providing our partners the best possible service, Excitech has gained a global reputation as one of the most reliable and trusted CNC machinery solution providers. Excitech provides 24hr factory support with a team of highly experienced engineers that serve customers and partners around the world, around the clock.

A Commitment to Excellence

Excitech, a professional machinery manufacturing company, was established with the most discriminating customers in mind.

Your Needs, Our Driving Force!

We are committed to making your business a success by providing customized solutions necessary in achieving your goals. The seamless integration of our machineries with industrial automation software and system enhances our partners' competitive advantages by helping them achieve:

State-of-the-Art Products and Facilities

Our wide variety of readily available high quality portfolio includes Fully Automatic Smart Factory, Panel Furniture Production Solutions, Multi-Sized 5-axis Machining Centers, Panel Saws, Point-to-Point Work Centers and other machineries dedicated to woodworking and other key applications.

Quality is never outsourced—The whole manufacturing process is meticulously and systematically controlled to achieve the guaranteed precision and quality.

- ◆ High quality products with the high production efficiency
- ◆ Lower costs thus measurable savings
- ◆ Shortened production time
- ◆ Maximized capacity for better profits
- ◆ Dramatically reduced cycle times

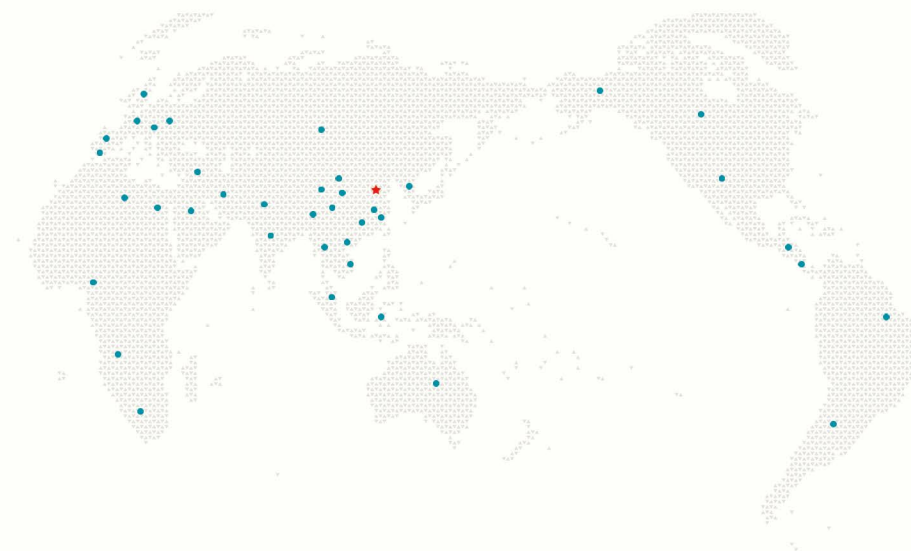
产品远销

100多个国家和地区

EXCITECH has proven itself quality - wise
by its successful presence in over 100 countries worldwide

服务网点覆盖全球，售后无忧

Global presence + 7/24 online support



Quality, Service and Customer Centric while Creating Unending Value
——These are the Fundamentals of EXCITECH



瑞士ABB战略合作 Join Force with ABB



德国技术研发中心 Technical center in Germany



Technical center in Germany



Smart Factory Total Solutions

全球上百套成熟落地方案
已为多家用户高效生产保驾护航

Countless Customers Benefited from Smart Factory
--Contact Us for Tours

智能信息化工厂整厂解决方案 组合灵活、工艺多变
打造符合客户整厂需求的智能化生产模式

We understand different applications require different manufacturing equipments.
Thus we personalize the projects so each of investors can produce with the right technologies that match their exact needs.



柔性化
Flexible



信息化
Intuitive



自动化
Automated



智能化
Intelligent

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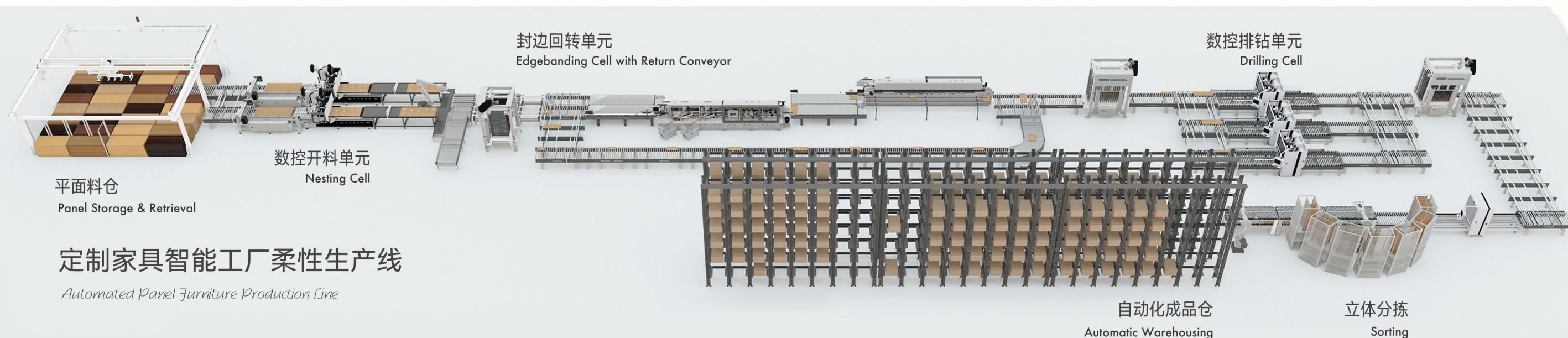
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星辉数控智能工厂生产解决方案

Smart Factory Total Solutions

专注于推动家具产业信息化、智慧化建设
We strive to make your production smarter,
faster and more cost-efficient with minimum human labor required



柔性生产线发展时间线

Milestones — Maintain the Lead by Continuous Efforts to Grow and Innovate



人员不变，产能翻倍，多班生产不停机

We Simplify and Optimize Your Manufacturing



- ◆ 2 班倒不停机生产，轻松躺赢，增加节假日收入
- ◆ 10cm以上板件全自动上线，上线率高达85%+
- ◆ 减少不良品率和生产错误
- ◆ 减少在线人工，实现减员增效，降低管理成本
- ◆ 上线率高，揉单优化率提升
- ◆ 人效、平效双效结合，产能充分释放，效率翻倍
- ◆ 避免板材流转停滞，原材料到成品持续流转
- ◆ 彻底放手生产管理，专注扩充市场份额
- ◆ Multiple shifts,uninterrupted work cycles—mutiplied ROI.
- ◆ Parts≥10mm processed automatically.
- ◆ Greatly reduced bad products.
- ◆ Optimization rate dramatically increased.
- ◆ Doubled efficiency and output.
- ◆ Consistent work flow from raw materials to finished products.
- ◆ Production management is made easier.

85%

降低不良品率
Reduced Bad Products

10cm

最小板上线尺寸
Small Parts

90±1%

揉单优化率
Optimization Rate

85%+

上线率
Automotized



河北客户生产实景
Customer in Hebei



50mm窄板全自动生产线
Intelligent production line for small parts ≥50mm



数控排钻单元
Drilling Cell



书本架立体分拣单元
Vertical Sorting Unit



观看现场视频



更多智慧工厂咨询

上百套方案全球成熟落地，欢迎实地考察！

Hundreds of projects have been implemented globally!

部分客户生产实景

Customer Spotlights



定制家具智慧生产全生命周期解决方案

整厂规划、设计拆单软件、MES生产管理软件、自动化设备...



原材料仓储、RGV转运送料、开料、封边、钻孔、清洁、质检、齐套、分拣、码垛、包装等全流程自动化解决方案



我们的优势 星辉数控软硬件一体化解决方案

ADVANTAGES Integrated Total Solutions--Softwares, Controls and Machines

生产指挥系统 Production Management

通过SCADA数字采集、视频监控，以工业大屏、电子看板等可视化的方式，将生产现场、生产数据、订单状态等数据实时呈现在管理和生产巡检人员的眼前。

Real time monitoring is made possible by integrating SCADA data collection and camera system. All kinds of data including order status, production plan and progress are presentable through live feedbacks via industrial monitor screen, tablets or mobile device.

多终端可视化生产数据管理

- 实时监控生产数据，提高设备利用率和车间生产能力
Real time machine production and process monitoring
- 提高现场异常情况的响应和处理能力
Reports any interruption immediately
- 缩短计划编制周期以及人力成本
Embedded advanced planning and scheduling
- 提高生产计划准确性，精细化管理
Facilitates lean management
- 提高生产统计的准确性和及时性
Connected systems help businesses grow with more effectiveness and competitiveness

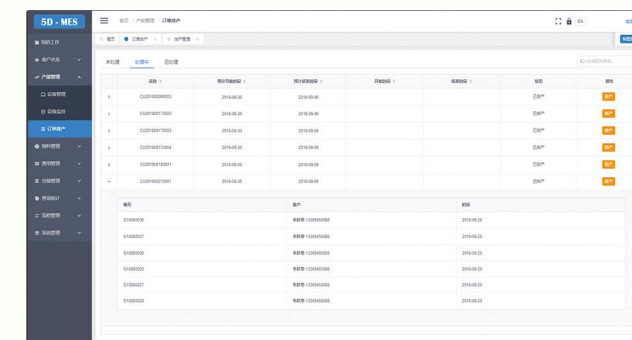


扫描二维码
了解更多详情

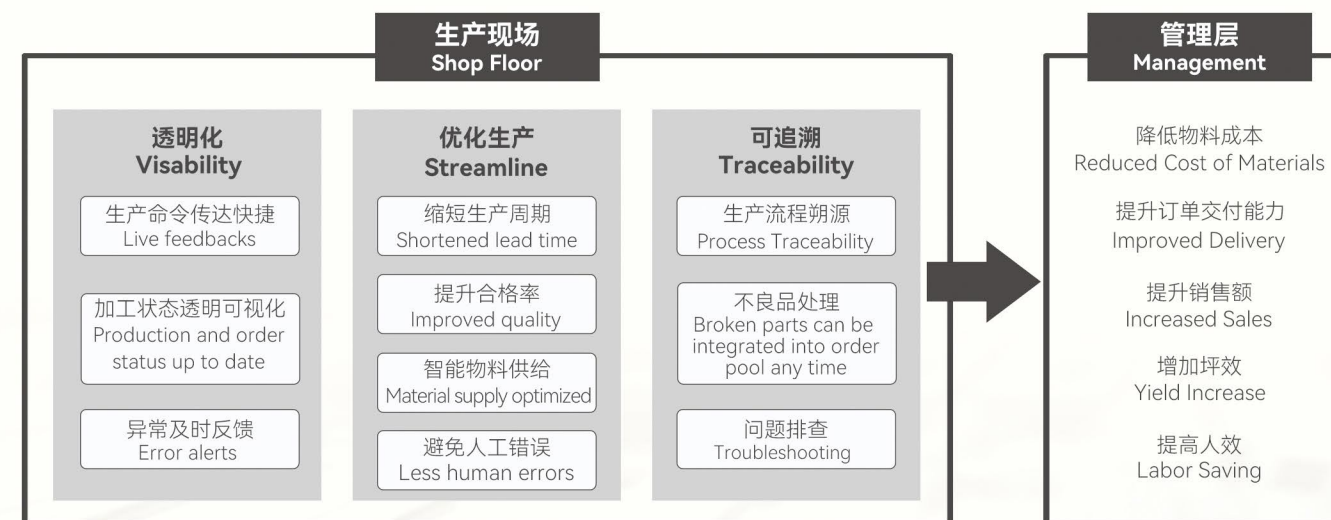
智慧排产系统 Production Planning

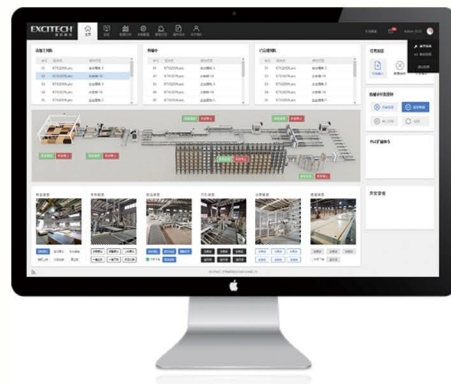
多订单根据交期智能优化排产，提高板材利用率，缩短交期，提高客户满意度和返单率

- 科学规划生产计划
Accurate planning
- 机器获取生产任务，执行加工优化
Optimized machine assignment and production
- 智能排产：科学管控生产
Intelligent registration and arrangement in sequence
- 设备产能监控
Machine capacity monitoring
- 与生产管理系统交互同步
Synchronization with production management system
- 补板信息统计，实现快速补板
Broken parts and rework can also be integrated into planning



信息化工业大屏 Real Time Monitoring





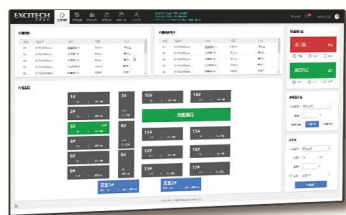
中央控制系统 Central Control

及时、准确进行生产数据统计分析，规范企业管理
Real time and accurate data collection and report propel lean management.
移动端实时监控生产状态
Accessibility from mobile device makes management as mobile as you are.

星辉数控生产控制系统，将生产线上设备状态、订单状态、生产数据、工作状态、生产计划、完成情况等数据采集，形成基于车间生产现场的实时状态信息，指挥人员可发送控制指令，实现对设备、物料等资源的监控与调度，是智能化协同交互决策的新型管理模式。

Excitech Manufacturing Execution System is an integrated solution that monitors, reports, and communicates all manufacturing related information including machinery status, order status, production data, capacity, production planning and scheduling, and more. All information is accessible to relevant parties so they can make informed decisions, manage performance on different levels, and reach new and industry-leading levels of management.

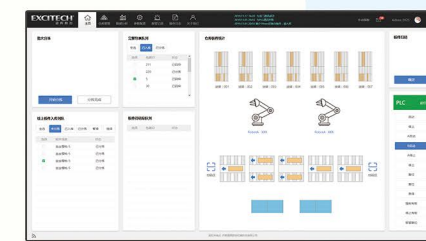
智能料仓系统 Panel Storage and Retrieval System



将原材料端与设备端无缝衔接，可视化管理
根据订单信息，配板码垛与板件入仓随时切换，满足生产节拍
料仓大小可根据产线产能及场地定制
Rational utilization of shop floor that combines material storage, manufacturing equipment and logistics functionalities.
Planning ahead of production, stack and stock all in one.



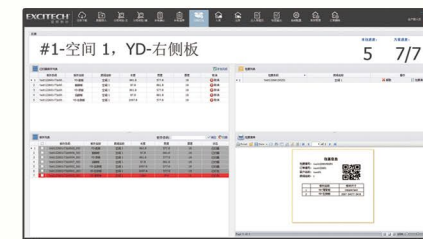
分拣控制系统 Sorting Control System



作业效率高，减少对作业人员的要求
适合多品种、高频率、柔性生产现场
对终端客户实现当天配送的物流现场

Highly flexible solution for temporary storage, sorting, sequencing and batching that greatly improves turnover.
Available in both vertical and horizontal styles to accommodate various dimensions.
Robots pick-up and transportation is not only efficient but also error-free.

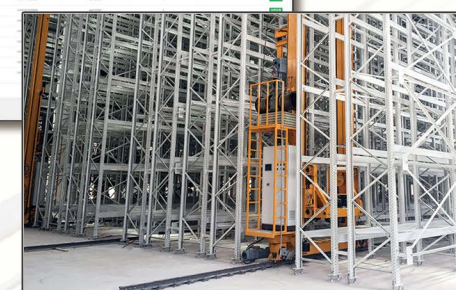
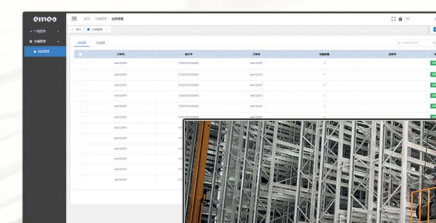
自动打包控制系统 Packaging Control System



Planning and sorting according to parts, and hardware before packaging.

- ◆ 获取打包任务和分拣状态
- ◆ 支持多种打包规则
- ◆ 根据板件、五金等进行分拣打包后入库
- ◆ System dispatches packaging tasks and sorting status to specific operators or work stations.
- ◆ Supports various packaging algorithm.
- ◆ Generates streamlined packaging solutions.
- ◆ Orchestrates single piece, batch, and complex workflows.
- ◆ Communicates with Excitech MES
- ◆

成品仓储系统 Warehouse Control System



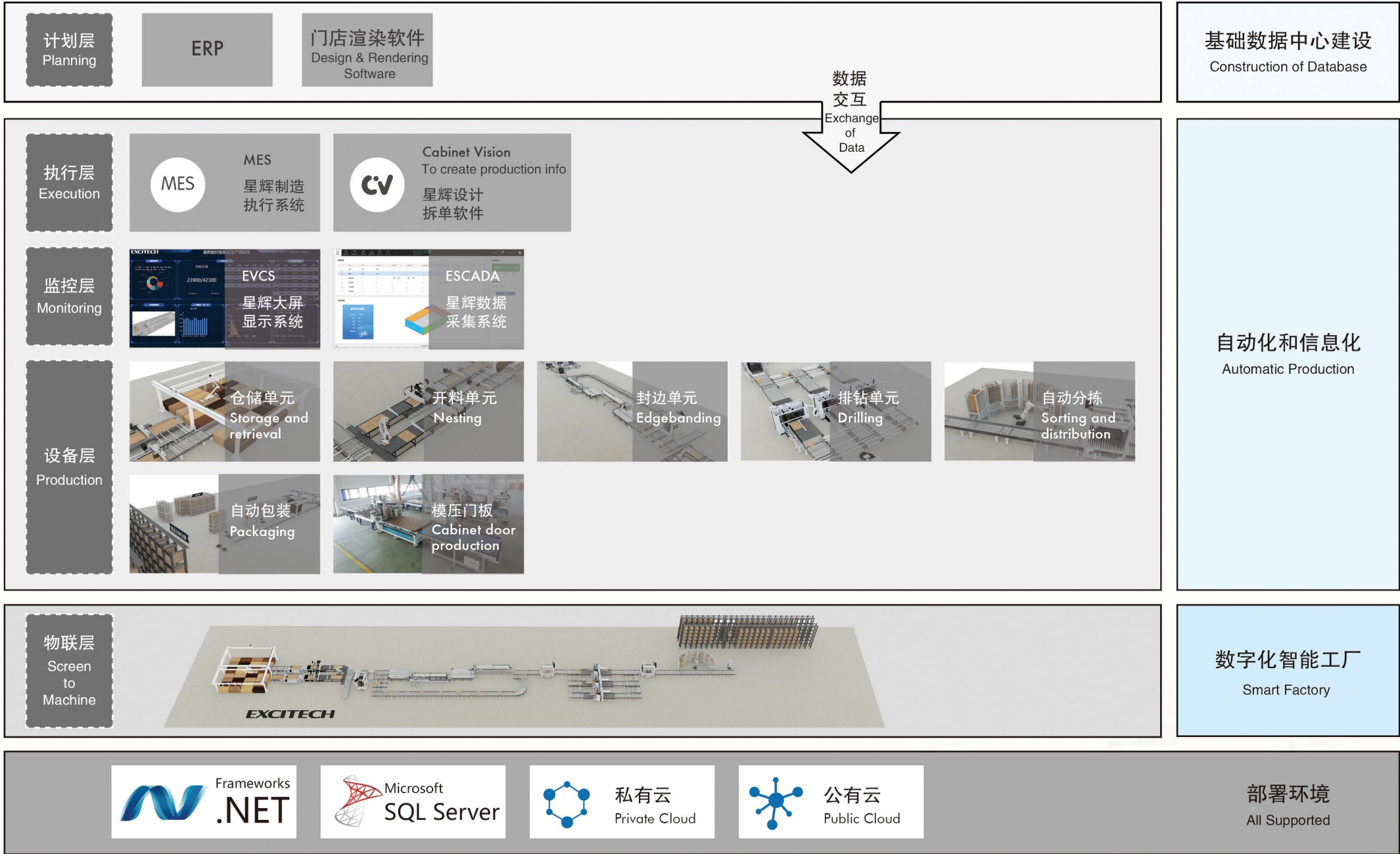
- ◆ 实现仓储作业精益化
- ◆ 出入库操作简单快速且准确
- ◆ 库存明细实时更新
- ◆ Ease of operation
- ◆ Real time update of stock status and reports
- ◆ Shipping and receiving management

星辉数控智能工厂信息化体系建设

互联、智能，构建企业智慧大脑

Smart Factory Software Implementation

Total transformation towards intelligent & inter-connected production



- 优化企业生产制造管理模式，实现精细化管理
- 可视化动态监控生产过程，合理安排生产流程
- 实时数据分析，及时调整生产策略
- 统一推进订单状态，保证按时完成交期
- 加工履历实时记录，生产问题溯源，提高生产效率
- Our softwares give your business a brain so it can produce and profit in a smart, efficient and cost-effective way
- Design to production in a few mouse clicks
- Softwares and machines are perfectly integrated. The whole production processes are transparent and easily accessible



定制家具设计拆单软件 Design Software

星辉前端软件体系建设集ERP对接、门店渲染、各类设计拆单软件对接功能于一体，专为 橱 / 衣柜企业打造，可以适应任何规模的企业从设计、渲染展示到生产，从门店到工厂，从前端到后端的各种需求。

Excitech Design Software is dedicated to the cabinet/wardrobe builders as well as retailers.

Emerging manufacturers, mid-sized companies as well as large multinationals are all able to find solutions that support the integration with ERP, generate great rendering effects, and synchronizing with production softwares.

- ◆ 优化企业生产制造管理模式，实现精细化管理
- ◆ 提高协同办公工作效率、降低生产成本
- ◆ 及时、准确进行生产数据统计分析，规范企业管理
- ◆ 移动端实时监控生产状态，高效管理

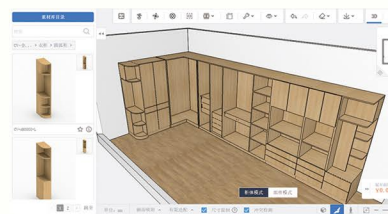
- ◆ Supports lean initiatives.
- ◆ Boosts collaboration and efficiency, ultimately enhances profitability.
- ◆ Real time production and process monitoring and analyzing.
- ◆ Access to system data through portable devices.

前端设计软件

精确设计，照片级渲染

STEP1 门店设计渲染 Design&Rendering

在前端网页作出所要生产的柜体
Web-based and easy to use



支持对常规柜体及异形柜体的还原，支持断面编辑功能，可对还原的柜体进行二次编辑

Compatibility with other design software—general and special boxes can both be translated directly to Excitech design without rework.

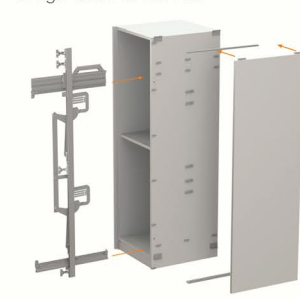


3D渲染功能，可实现照片级渲染，方便进行实景效果展示

Powerful 3D rendering engine creating photo-like effects.

STEP2 数据解析 Data Analytics

可对接市面常见多种设计软件
可同时转入客户订单信息
Link and integration with different design software without generating double references.
Synchronization of order information .



支持五金和连接件加工还原

Production processes involving use of hardware and connectors are factored in

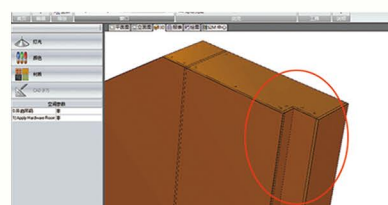


切割清单、物料清单、五金件清单、人工成本、材料成本、装配示意图、尺寸规格全部一次性生成

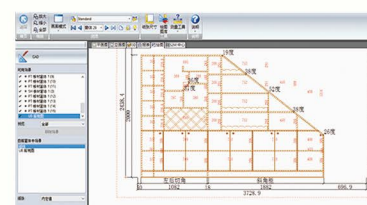
Cut list, BOM, bill of hardware, labor cost, cost of materials, assembly schematics and dimensions all generated by one simple mouse click

STEP3 拆单生产 Production Simulation

批量优化合单，同步实现自动精确拆单，无需人工介入



对接庞大的前端设计软件模板库
Vast library

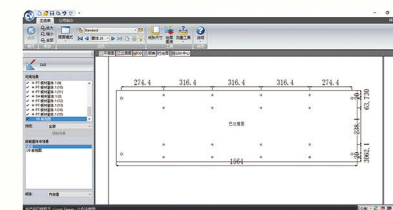


自动生成装配示意图，一目了然
Automatically generated assembly schematics

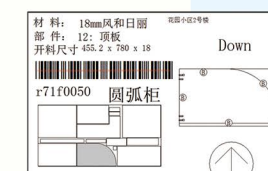
快速准确拆单

BOM Calculation

- ◆ 批量优化合单，同步实现自动精确拆单，无需人工介入
- ◆ 生成CNC及生产线可以识别的生产数据
- ◆ 在合单过程中，优先使用余料



生成CNC识别的加工代码
Automatically generates barcode



生成CNC识别的加工代码及标签，生产时可直接扫描条码，无需输入加工代码
Scan the barcode and set this machine in motion

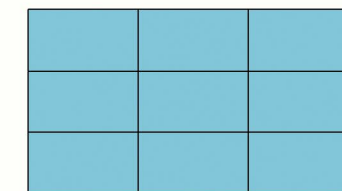
自动优化排版 Cutting Plan Optimization

- ◆ 余料管理：实现余料的一键自动回收与利用
Reduces offcuts and increases offcut usage.
- ◆ 根据加工设备自动采用矩阵/真实形状排版，提高加工效率，节省原材料损耗
Freedom to choose from different optimization pattern.

矩形排版，提高加工效率，节省原材料损耗
Rectangular Optimization



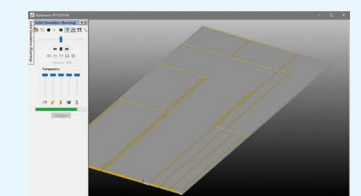
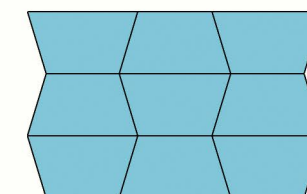
优化



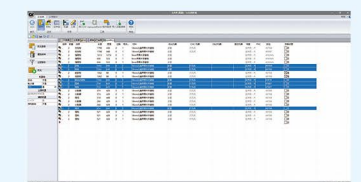
真实形状排版，异形部分自动互补融合
True Shape Optimization



优化



更直观的加工模拟
Processing simulation



板件自动分线加工，可自动区分板材分属的加工设备，异形/矩形分线排版输出，方便规划生产，提高设备效率及产能

Production planning according to job composition —automatically assigns jobs to machines



视频演示
星辉数控前后端一体化体系

EXCITECH[®] 星辉智能装备

书本架立体分拣单元
Vertical Sorting Unit



平面分拣单元
Horizontal Sorting Unit



AGV/RGV搬运机器人
Auto/Rail Guided Vehicle



缓存仓储系统
Buffer Unit



各种规格动力转运设备
Material Handling Devices

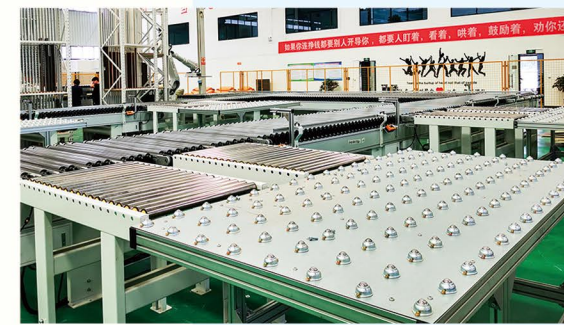


EXCITECH[®] 手动转运设备

无动力辊筒线
Roller Transfers



滚珠包装台
Packaging Table



多种规格升降机
Scissor Lifting Tables



升降机、游移转运设备、
地滚、包装台、滚珠台等
自动/手动设备，减少人员
劳动强度，提高效率

提供专业整厂规划及软件、硬件一体化服务



提高整厂自动化、信息化水平，有效提
高管理和生产效益的同时，避免因软硬
件产生的多头对接。

EXCITECH supplies total solutions beyond
softwares,controls, and machines that
automatize and guide your manufacturing.

星辉数控定制家具板式线生产流程概念图

Panel Furniture Manufacture Solutions



- E4 数控排钻开料中心
Nesting with pre-labeling
- EF6系列 高速全自动直线封边机
High-speed Edgebanding Technology
- EH-2T 双工位六面钻加工中心
Double work area 6-sided drilling machine
- 星辉定制家具专用软件
Designing & Optimized software



EP工程单系列 双推手/后上料电脑裁板锯 p29页
Twin Pusher /Rear Feeding Panel Saw



E4 无尘数控排钻开料加工中心 p23页
E4 Dust-free Nesting



EF系列零胶线 全自动直线封边机系列 p37页
Edge Bander Technology



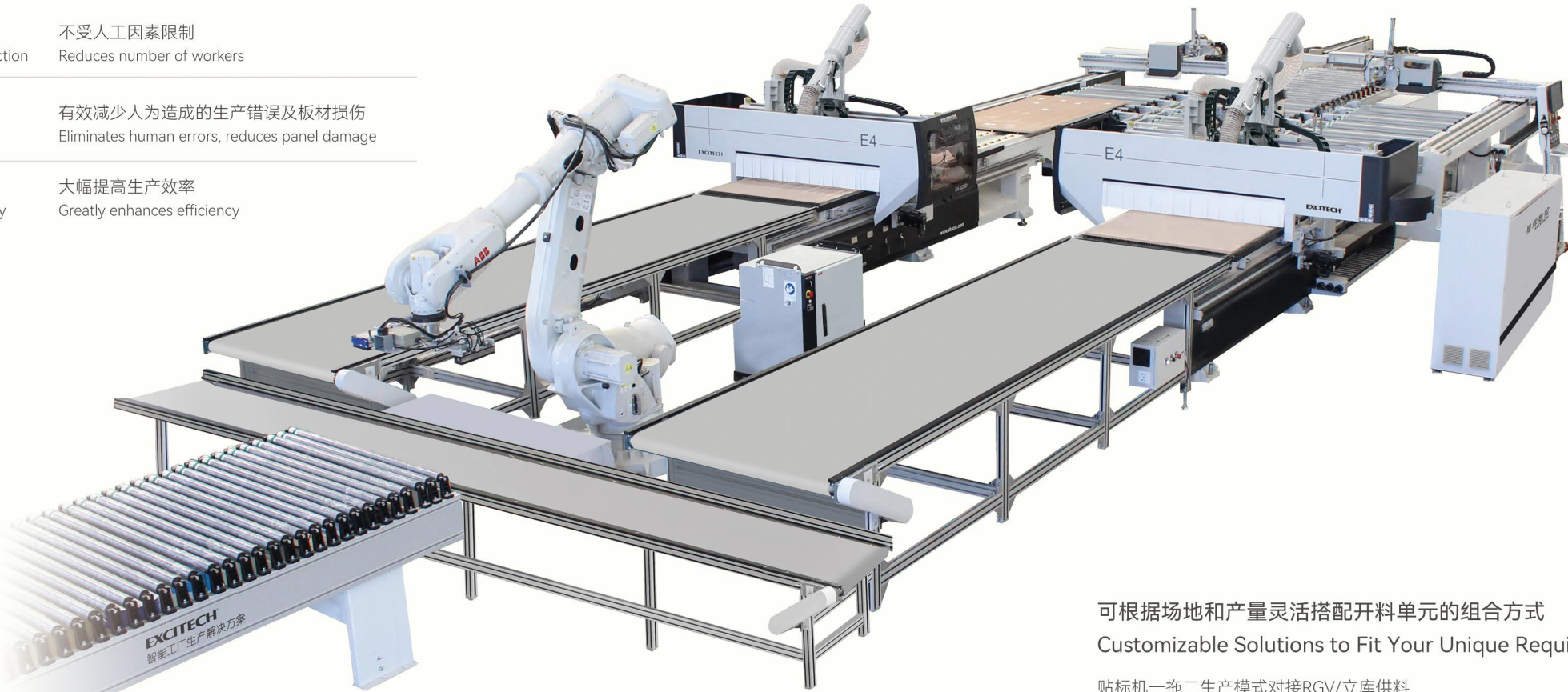
EHS 六面钻加工中心 p47页
6-Sided Drilling Machine

E4 数控开料单元 Nesting Cell

多台数控开料+多轴机器人组成开料单元
Multiple Nesting Machines + Robot

产能：260-320张/8小时
Output: 260-320 Panels /8hr

- | | |
|--------------------------------|---|
| 多班生产
Multi-shift production | 不受人工因素限制
Reduces number of workers |
| 减少错误
Reduce Error | 有效减少人为造成的生产错误及板材损伤
Eliminates human errors, reduces panel damage |
| 提能增效
Enhance Efficiency | 大幅提高生产效率
Greatly enhances efficiency |



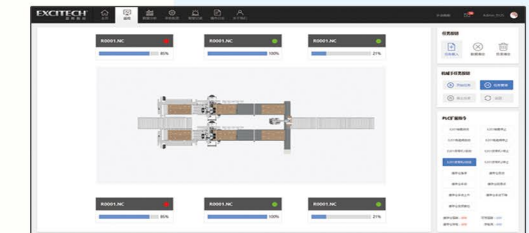
视频演示
数控开料单元

多处客户现场加工实景

Various Customers Benefiting from Nesting Cell



星辉数控软硬件一体解决方案



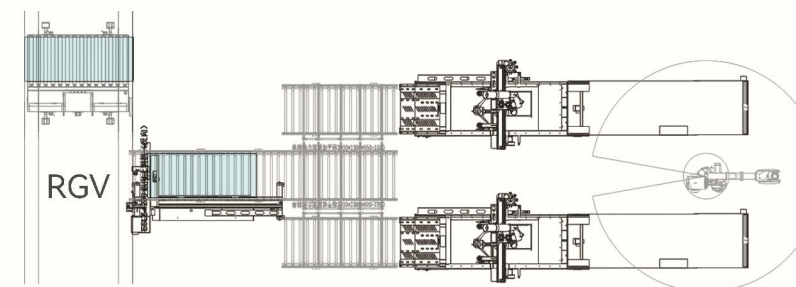
开料控制系统 Nesting Control System

根据批次排产，将数据发送到开料端，并依次排队生产
Batch size 1 production

根据开料设备、原材料尺寸等灵活配置排产需求
Allocate production based on nesting or panel size

可根据场地和产量灵活搭配开料单元的组合方式 Customizable Solutions to Fit Your Unique Requirements

贴标机一拖二生产模式对接RGV/立库供料
Vertical storage or RGV supplies raw materials to nesting cell



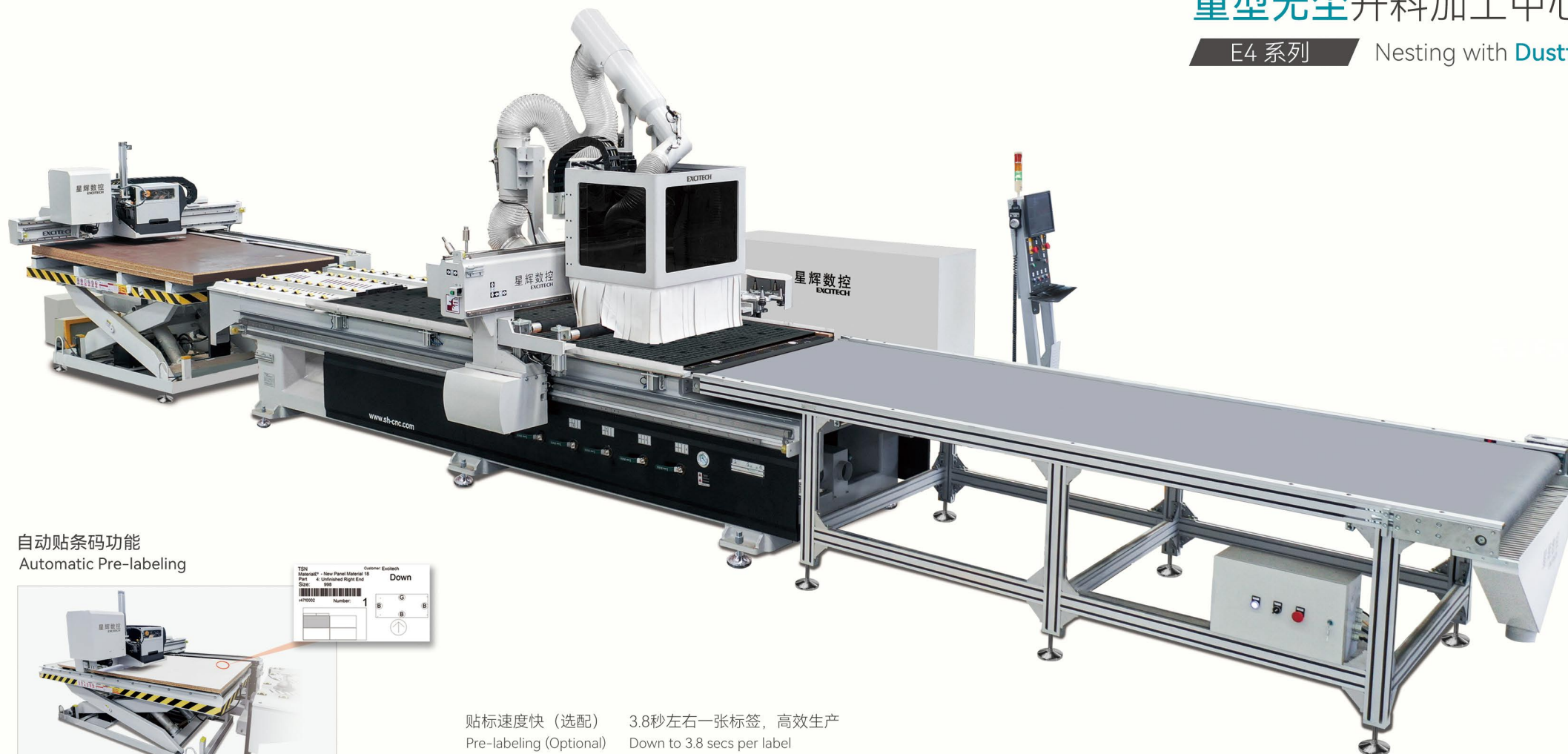
多轴机器人战略合作：
Join Force with



重型无尘开料加工中心

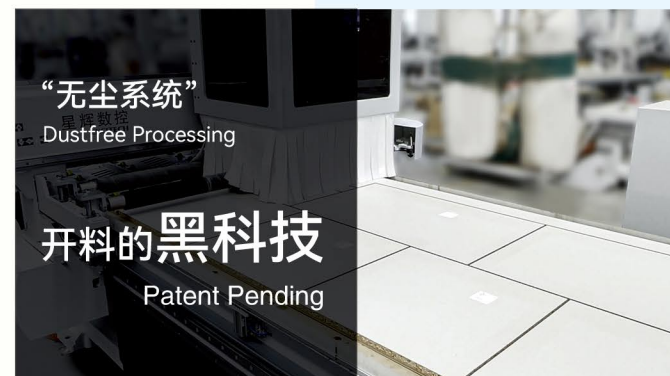
E4 系列

Nesting with Dustfree Processing



无尘开料机

无尘开料机



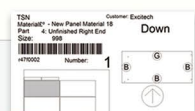
自主研发无尘加工系统，加工时无明显粉尘，加工完成后板材表面、槽内、T形路、背面、地面以及设备防尘翅和地面清洁无尘

Independently Developed Dust-free Nesting Technologies



特别推荐
了解无尘工艺

自动贴条码功能 Automatic Pre-labeling



贴标速度快（选配） Pre-labeling (Optional)	3.8秒左右一张标签，高效生产 Down to 3.8 secs per label
旋转贴标（选配） Rotating Labeling Device (Optional)	根据板材尺寸，窄板自动旋转贴标 Automatically adjusts position to stick label on narrow parts
不间断生产 Uninterrupted	自动贴标、上料、开料、下料，工序不间断 Automatic pre-labeling, infeeding, nesting, outfeeding in one cycle to enhance productivity

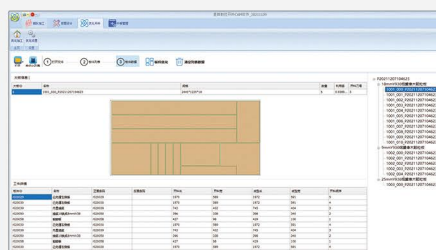
预先识别板材并将相应的条码自动粘贴到板材上

Pre-labeling before nesting further eliminates operator intervention during the work process and renders the whole cycle truly push-button-and-go.

星辉开料CAM优化软件 EXCITECH Nesting CAM Optimized Software

可选

Optional



- 自主研发，拓展性强，满足客制化需求
- 对接拆单软件常见格式，板材利用率高达95%+
- 自定义原材料及加工板材信息，有效利用余料
- 在车间快速补板，提高生产效率

- Independently developed, customizable and extensible CAM software.
- Integratable with all design softwares, high raw material utilization rate up to 95%+.
- User-defined raw material and parts info. Effectively reduces and renders offcuts.
- Design and editing can be done on site.

E4 软体家具专用设备（双工位带压轮）

Upholstery Furniture Production

Double-Work Zone with Pressure Rollers



EK-C 直排换刀数控开料加工中心

Linear Tool Changer Nesting CNC Machine

可选结构: 贴标机 ✓ 上下料 ✓ 双工位 ✓ 单机 ✓

可选配 Optional “无尘系统” Dustfree Processing

自动换刀主轴 Auto Tool Changer	可强力切削不同规格的材料 High-power spindle to process different materials
直排刀库 Linear Tool Magazine	横梁下方排式刀库, 换刀简洁快速 Linear tool magazine travels with the bridge, tool changing is faster and easier
适用行业 Application	柜体开料, 平板门切割, 模压门板铣型、雕刻等 Cabinet, Flat door, Molded door, etc.



特别推荐
了解直排开料机

EK-4 四工序数控开料加工中心

Four Heads Nesting CNC Machine

可选结构: 上下料 ✓ 双工位 ✓ 单机 ✓

手动换刀主轴 Manual Tool Changer	可同时装配四种刀具实现四工序简易换刀 Excellent price and performance ratio 4-heads with 4 tools
高速加工 High-speed Processing	开料、开槽、打垂直孔快速切换, 无需换刀 Nesting, grooving, drilling in one cycle without tool change
适用行业 Application	柜体开料, 平板门切割等 Cabinet, Flat door, etc.



EK-D 圆盘换刀数控开料加工中心

Carousel Tool Changer Nesting CNC Machine

可选结构: 贴标机 ✓ 上下料 ✓ 双工位 ✓ 单机 ✓

可选配 Optional “无尘系统” Dustfree Processing

自动换刀主轴 Auto Tool Changer	大功率主轴, 可强力切削不同规格的材料 High-power spindle to process different materials
圆盘刀库 Carousel Tool Magazine	可选配16伺服刀库, 换刀快速精准 16 servo tool changers optional
适用行业 Application	柜体开料, 平板门切割, 模压门板铣型、雕刻等 Cabinet, Flat door, Molded door, etc.

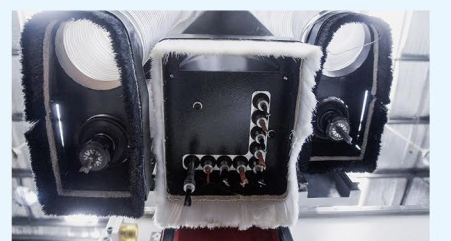


E2-9 双工序带排钻开料加工中心

Dual Heads with Drill Bank

可选结构: 上下料 ✓ 双工位 ✓ 单机 ✓

手动换刀主轴 Manual Tool Changer	双主轴带垂直排钻组 Dual spindles with vertical drill bank
高速加工 High-speed Processing	开料、开槽、打垂直孔快速切换, 无需换刀 Nesting, grooving, drilling in one cycle without tool change
适用行业 Application	柜体开料, 平板门切割等 Cabinet, Flat door, etc.



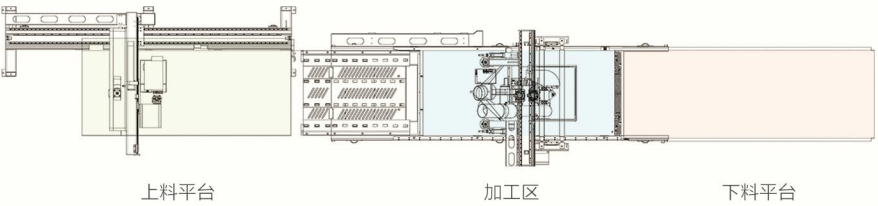
开料设备功能与可选结构

Nesting Series Options

型 号 Series	适用工艺 Application		配置及可选功能 Optional Function					
	柜体/平板门 Cabinet & Flat door	模压门 Molded door	无尘加工 Dust Free	快速贴标 Fast Pre-labeling	大功率自动换刀主轴 High Power Auto Tool Changer	垂直钻包 Drill Bank	压辊结构 Pressure Roller	垂直锯片 Vertical Saw
E4重型开料机 Heavy-Duty Nesting	√	√	标配 Standard	标配 Standard	标配 Standard	可选 Optional	可选 Optional	可选 Optional
EK-C直排 Linear Tool Changer	√	√	可选 Optional	可选 Optional	标配 Standard	可选 Optional		可选 Optional
EK-D圆盘 Carousel Tool Changer	√	√	可选 Optional	可选 Optional	标配 Standard	可选 Optional	可选 Optional	可选 Optional
EK-4四工序 Four Heads Nesting	√						可选 Optional	
双工序带排钻 Double Heads+Drill Bank	√					标配 Standard		

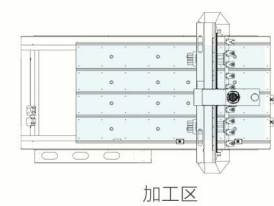
■ 上下料带贴标机 Auto loading and unloading with pre-labeling

打印加工条码、贴标、开料、下料一气呵成，工序无间断，提高效率产出，减少生产错误
Automatic pre-labeling, infeeding, nesting, outfeeding in one cycle to enhance productivity while reducing error



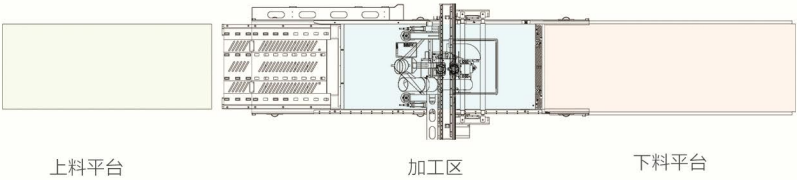
■ 标准结构 Standard

标准解决方案，节省占地
Standard solution, small footprint



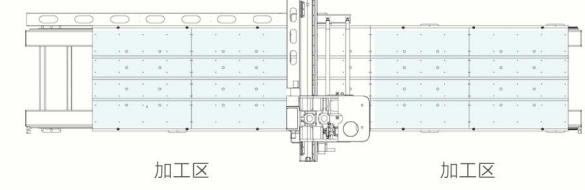
■ 上下料结构 Auto loading and unloading

减少工人劳动强度，突破人工下料速度限制，省去怠工时间，提高效率产出
Greatly helps reducing down time while improving productivity



■ 双工位结构 Double Work Zone

可实现一个工位加工时，另外一个工位上下料，不间断生产
Loading and unloading on one zone without interrupting the work cycle



开料设备技术参数

Nesting Series Technical Data

系列 Series	有效行程 Traveling Size	加工尺寸 Working Size	外形尺寸 Dimension	净重 Net. Weight	空行速度 Traveling Speed	加工速度 Working Speed	上下料速度 Load and Unload Speed	主轴配置 Spindle Info.	刀库形式 Tool Magazine	台面结构 Table Structure	总功率 Power	吸尘信息 Dust Extraction Info.	
E4重型数控开料机含贴标机 E4 Series Nesting Machine with Pre-Labeling													
1224	2500x1260x200mm	2440x1220x50mm	10500x3200mm	3700kg	80m/min	20-25m/min	15m/min	9kW 24000r/min	圆盘8刀库 Carousel 8	双层真空 吸附台面 Vacuum Table	30kW	Φ200*1 Φ150*1	
1230	3140x1260x200mm	3050x1220x50mm	12600x3200mm	5500kg									
1530	3140x1600x200mm	3074x1550x50mm	11200x3500mm	6500kg									
1537	3700x1600x200mm	3685x1550x50mm	14400x3500mm	6800kg									
2128	2900x2160x200mm	2850x2130x50mm	11700x4100mm	6000kg									
2138	3860x2170x200mm	3800x2130x50mm	14000x4100mm	7100kg									
EK-C 直排换刀加工中心（贴标机） EK-C Series Linear Tool-changing Nesting Machine（Pre-Labeling）													
1228	2900x1260x300mm	2850x1220x50mm	12000x2700mm	4000kg	55m/min	15-20m/min	15m/min	9kW 24000r/min	直排12刀库 Linear 12	真空 吸附台面 Vacuum Table	27kW	Φ200*1 Φ150*1	
EK-C 直排换刀加工中心 EK-C Series Linear Tool-changing Nesting Machine													
1224	2500x1260x300mm	2440x1220x50mm	3600x2300mm	1300kg	55m/min	15-20m/min	N/A	9kW 24000r/min	直排12刀库 Linear 12	真空 吸附台面 Vacuum Table	22kW	Φ200*1	
1228	2900x1260x300mm	2850x1220x50mm	4200x2300mm	1800kg									
1530	3140x1600x300mm	3100x1560x50mm	4500x2600mm	2100kg									
2128	2900x2160x300mm	2850x2130x50mm	4200x3100mm	2300kg									
EK-D圆盘换刀加工中心含上下料 EK-D Series Carousel Tool-changing Nesting Machine with Loading and Unloading													
1224	2500x1260x200mm	2440x1220x50mm	9600x2650mm	3500kg	55m/min	15-20m/min	15m/min	9kW 24000r/min	圆盘8刀库 Carousel 8	真空 吸附台面 Vacuum Table	25kW	Φ200*1 Φ150*1	
1228	2900x1260x200mm	2850x1220x50mm	10000x2650mm	4200kg									
2128	2900x2160x200mm	2850x2130x50mm	12000x3470mm	5300kg							30kW		
EK-4四工序加工中心 EK-4 Four Heads Nesting Machine													
1224	2500x1260x200mm	2440x1220x50mm	4200x2300mm	1000kg	55m/min	15m/min	N/A	6kW*2 5.5kW*2 18000r/min	N/A	真空 吸附台面 Vacuum Table	19kW	Φ150*1	
1228	2900x1260x200mm	2850x1220x50mm	4800x2300mm	1700kg									
2128	2900x2160x200mm	2850x2130x50mm	5000x3400mm	2300kg							24kW		
E2-9双工序带排钻加工中心 E2-9 Series Double Head with Drill Bank													
1224	2500x1260x200mm	2440x1220x50mm	4200x2300mm	1500kg	55m/min	15m/min	N/A	6kW*1 5.5kW*1 18000r/min	N/A	双层真空 吸附台面 Vacuum Table	18kW	Φ200*1	
1228	2850x1260x200mm	2800x1220x50mm	4800x2300mm	1800kg									
2128	2850x2160x200mm	2800x2130x50mm	5000x3400mm	2300kg							23kW		

★ 产品不断升级改良，当外观、配置与参数变更时，均以技术协议为准
For specific machine configurations, please refer to your technical agreement

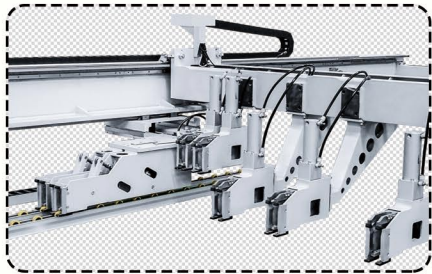
EPD 双推手系列全自动电脑裁板锯

Twin Pusher Panel Saw Series



两套推手通过伺服驱动独立运动，最大程度的优化开料效率

Two independently servo-driven pushers for optimized cutting



叠板高度 Stack Height	可叠切加工 120mm 高度板材 Max. 120mm book-cutting
伺服双抓手 Servo-driven Twin Pusher	可对不同尺寸板材同时加工，提高效率 Two pushers enable this machine to process like a CNC
可选配后上料 Rear Feeding Optional	选配后上料功能，进一步提高产能 Rear feeding available upon request to increase output

电子锯系列产品通用配置 Standard Configurations



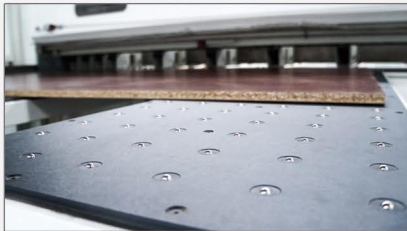
重型机架，保证锯架稳定移动，实现精密锯切质量

We believe a sturdy construction is the foundation of good cut quality, which is why we insist on using heavy frame to ensure precision and finish



胶指夹钳，夹持稳固精确并可防止划伤板材

The clamps wrapped with rubber hold the material firmly and gently.



可移动气浮台面，可防止板材划伤同时方便加工不同尺寸板材

Air table reduces the friction to the minimum to prevent chipping and wearing of the materials

EPH 后上料系列全自动电脑裁板锯

Rear Feeding Panel Saw Series



扫描二维码
了解更多详情

丝杆/气动传动后上料平台可供选择

Ball screw / pneumatic driven rear feeding device



根据加工需求确定上升高度，提高生产效率
Automatically adjusts stack height to match processing requirements

叠板高度 Stack Height	可叠切加工 120mm 高度板材 Max. 120mm book-cutting
后上料系统 Rear Feeding	送料机械手拖动板材实现自动送料 Clamps pull panels to position
伺服送料 Servo Feeding	高精密伺服系统控制送料精度，磁栅尺执行精度补偿

星辉数控软硬件一体解决方案



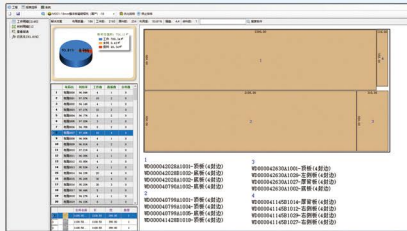
锯车为伺服电机驱动，定位精准，18.5kW 主锯电机，保证一次性切割多张板材时端面完好

The precise and powerful movement of the servo driven saw carriage, along with the 18.5kW main saw motor guarantee a clean finish even when cutting multiple panels.



快速锯片装卸系统，提高锯片装卸效率

Quick Change-Over of Saw Blade



电子锯CAM优化软件
批量板材优化，板材利用率高达96%+

Panels are optimized in batches—guaranteed utilization of up to 96%+

EP Series 重型全自动电脑裁板锯系列

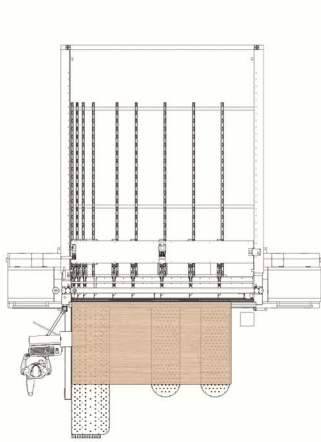
Heavy-duty Panel Saw Series



扫描二维码
了解更多详情

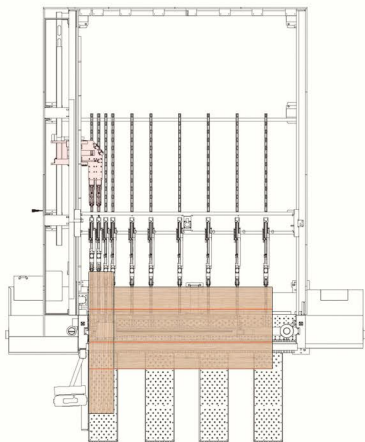
EP-E Series 全自动电脑裁板锯系列

Standard Panel Saw Series



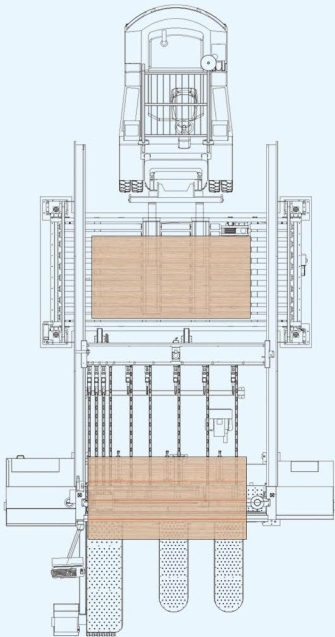
标准结构 Standard

可叠切加工，工程单加工不二选择
Book-cutting is ideal for mass production



双推手结构 Twin Pusher

分别抓取两块不同尺寸板材同时切割
Each pusher works independently with different
panel sizes-flexible mass production



后上料结构 Rear Feeding

加工同时上料，工序不间断
Feeding while processing, unstopped work cycle

系列 Series	加工尺寸 Cutting Dimension	外形尺寸 Size	净重 Net Weight	锯架速度 Saw Carriage Speed	主锯功率 Main Saw Power	主锯尺寸 Main Saw Dimension	槽锯功率 Scoring Saw Power	槽锯尺寸 Scoring Saw Dimension	空气用量 Air Consumption	总功率 Power	吸尘信息 Dust Extraction Info.	副推手功率 Secondary Pusher Power	堆放高度 Max Stack Height
EPD双抓手电子锯系列 EPH Series Twin Pusher Panel Saw													
280	2800x2800x120mm	7500x5700mm	5000kg	120m/min	18.5kW	450x60x4.8mm	2.2kW	180x45x 4.7–5.5mm	180L/min	33kW	Φ 120*3 Φ 150*2	1kW	N/A
330	3300x3300x120mm	9200x5850mm	3850kg										
380	3800x3800x120mm	9350x6320mm	7500kg										
430	4300x4300x120mm	9000x7200mm	9000kg										
EPH后上料电子锯系列 EPH Series Rear Feeding Panel Saw													
280	2800x2800x120mm	8500x5700mm	7000kg	120m/min	18.5kW	450x60x4.8mm	2.2kW	180x45x 4.7–5.5mm	180L/min	34kW	Φ 120*3 Φ 150*2	N/A	1000mm
330	3300x3300x120mm	8650x5840mm	6000kg										
380	3800x3800x120mm	9200x6350mm	6500kg										
430	4300x4300x120mm	10000x7200mm	11000kg										
EP重型电子锯系列 EP Series Heavy-Duty Panel Saw													
280	2800x2800x120mm	6500x5700mm	5000kg	120m/min	18.5kW	450x60x4.8mm	2.2kW	180x45x 4.7–5.5mm	150L/min	31kW	Φ 120*3 Φ 150*2	N/A	N/A
330	3300x3300x120mm	7000x5820mm	5500kg										
380	3800x3800x120mm	7500x6300mm	5700kg										
430	4300x4300x120mm	8000x7200mm	9000kg										
EPE标准型电子锯系列 EPE Series Panel Saw													
280	2800x2800x90mm	6800x5500mm	4100kg	120m/min	15kW	400x60x4.4mm	2.2kW	180x45x 4.7–5.5mm	150L/min	28kW	Φ 120*3	N/A	N/A
330	3300x3300x90mm	7300x6050mm	4300kg										
380	3800x3800x90mm	7800x6600mm	4600kg										
430	4300x4300x90mm	8500x7200mm	7000kg										

★产品不断升级改良，当外观、配置与参数变更时，均以技术协议为准
For specific machine configurations, please refer to your technical agreement

EF8

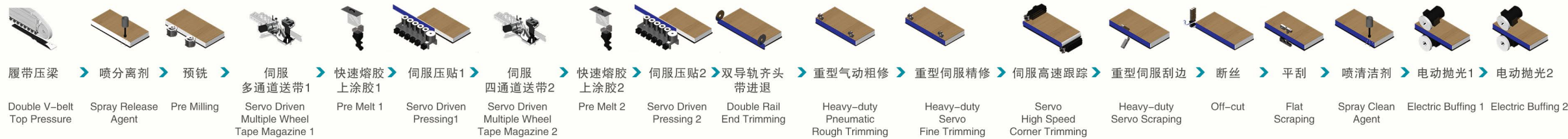
重型高速智慧型全自动直线封边机 Heavy-duty and High-Speed Intelligent Processing



零胶线封边机

零胶线封边机

EF783GC封边机功能 Functions



一体式钢结构床身

Sturdy Processed Steel Frame

矩形管一体式焊接，提高床身的刚性和强度，相较于折弯焊接变形量小，长期稳定不变形

Unibody welding as opposed to bending welding to ensure stability and steadiness.



钢导轨结构

Steel Rail Structure



增加输送平直度以提高输送稳定性
Rail installation surface is processed to guarantee transmission accuracy

重型压梁升降结构

Heavy-duty Pressure Beam



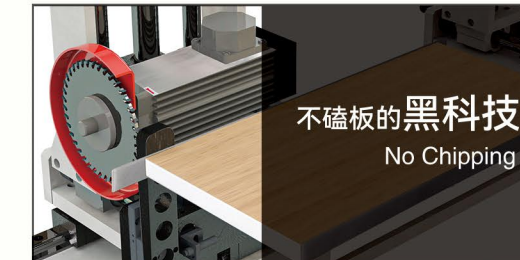
重型压梁升降让设备工作更稳定
Guaranteed steady performance.



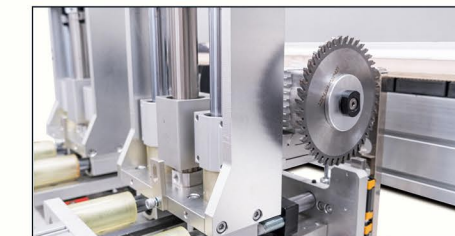
扫描二维码
了解更多详情

核心亮点

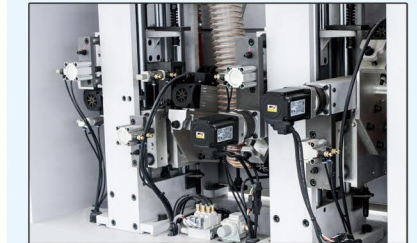
高速伺服水平齐头单元
High-speed Servo Horizontal End Trimming



不磕板的黑科技
No Chipping

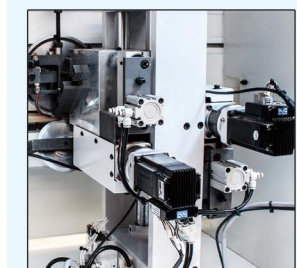


伺服驱动调刀
Servo Control Unit



调节精准，减少待机时间，提高生产效率
Accurate adjustment, reduce standby time, increase productivity.

重型修边机构
Heavy-duty Trimming Unit



稳定性高，不易变形
Sturdy design

伺服换带装置
Servo Tape Magazine



多通道伺服自动换带，送带精准，可储存多种颜色和规格的封边带，实现柔性生产

Multiple wheel tape magazine automatically changes edge with servo motor. The process is both accurate and swift.

可选配4/6/12通道伺服换带
4/6/12 tape magazines optional

EF7 智慧连线型全自动直线封边机
For Intelligent Processing



产能：260-320张/8小时
Output: 260-320 Panels /8hr



“水平齐头”
Horizontal End Trimming

不磕板的黑科技
No Chipping

EF783GC封边机功能 Functions

- 履带压梁 Double V-belt Top Pressure
- 喷分离剂 Spray Release Agent
- 预铣 Pre Milling
- 伺服四通送带1 Servo Driven Four Wheel Tape Magazine 1
- 快速熔胶上涂胶1 Pre Melt 1
- 伺服压贴1 Servo Driven Pressing1
- 伺服四通送带2 Servo Driven Four Wheel Tape Magazine 2
- 快速熔胶上涂胶2 Pre Melt 2
- 伺服压贴2 Servo Driven Pressing 2
- 伺服水平齐头 Servo Horizontal End Trimming
- 气动粗修 Pneumatic Controlled Rough Trimming
- 伺服精修 Servo Driven Fine Trimming
- 高速跟踪 High Speed Corner Trimming
- 伺服刮边 Servo Driven Scraping
- 平刮 Flat Scraping
- 断丝 Off-cut
- 喷清洁剂 Spray Clean Agent
- 电动抛光1 Electric Buffing 1
- 电动抛光2 Electric Buffing 2

多处客户现场加工实景
Various Customers Benefiting from Edge Bander Technology



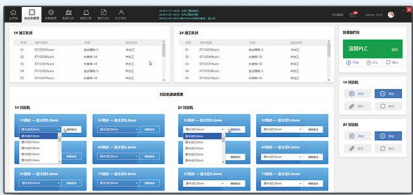
柔性自动进料装置
Flexible Auto Infeeding Device 可选配 Optional



扫描二维码
了解更多详情

星辉数控软硬件一体解决方案

封边单元控制系统
Edge Banding Control System



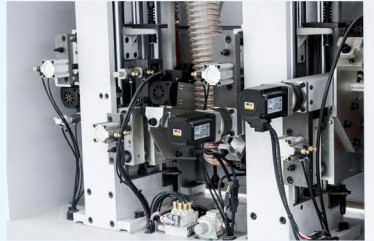
根据工艺要求可自动切换封边带颜色及厚度，同时控制板材物流方向。
Supports various tape colors and thickness. Automatically navigates part infeed direction.

PC+工控机控制
Industrial PC Controlled



打通通讯数据，接入智慧工厂
Industrial PC Controlled
Steady data transmission

伺服驱动调刀
Servo Control Unit

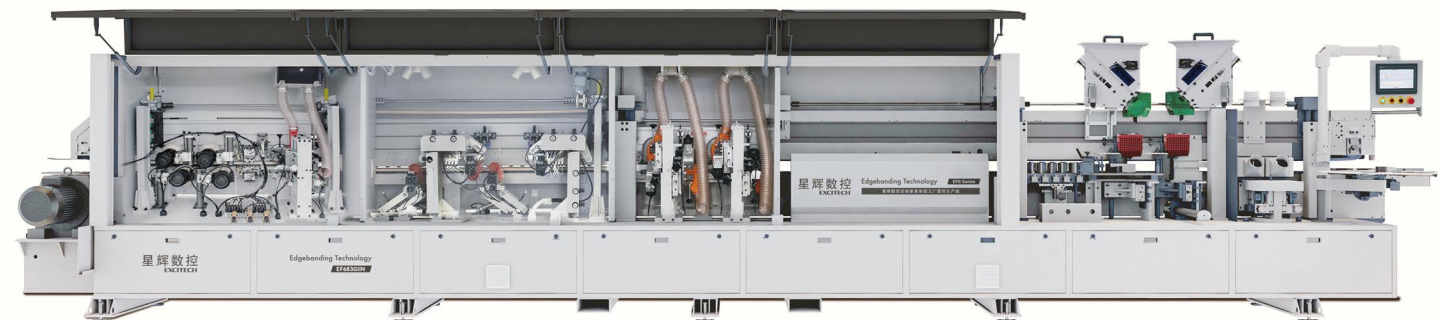


调节精准，减少待机时间，提高生产效率
Accurate adjustment, reduce standby time, increase productivity.

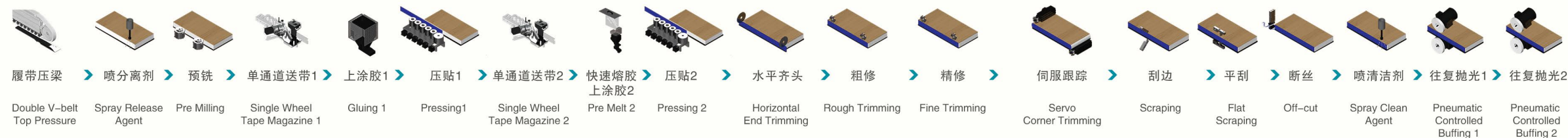
零胶线封边机

零胶线高光门全自动直线封边机

EF683GIIN Edgebanding with Zero-glue Line

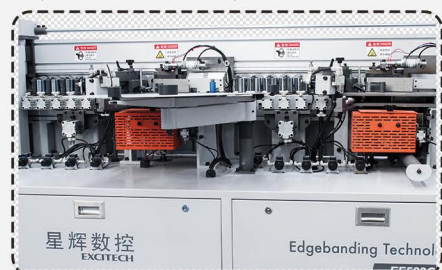


EF683GIIN封边机功能 Functions



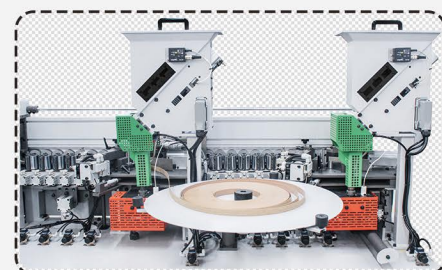
封边机可根据工艺需求，选配多种涂胶方式
Different Glue Application Systems Available

双涂胶双贴边单元（上胶锅/下胶锅）
Double Glue Reservoirs
Top Melt / Bottom Melt Optional



双涂胶双贴边机构，可快速切换2种不同颜色的胶水，减少胶线的可见度
Two glue reservoirs to quickly switch between colors and to achieve invisible joint.

快速熔胶机构
Hotmelt Device



快速熔胶，缩短加热待机时间，增加胶粘性以提高封边质量，有效保证供胶量
Top pre-melter reduces heating time and increases the quality of edge banding.

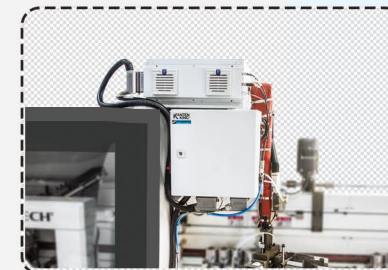
PUR注胶机
PUR Hotmelt



保证板材封边后的牢固性，可见胶缝比EVA小；
PUR有不融水性，封边后不会因水分造成开裂与脱胶

For water resistant applications.
Optically invisible joints.
Perfect finish as a matter of course.

热空气封边技术
Hot Air Edge Banding Technology



针对带功能涂层的封边带：
PVC，ABS，PP，PMMA，三聚氰胺等
Available for edges with PVC, ABS, PP, PMMA or melamine coating.

无缝封边，解决可见胶线问题
加热时间短，贴合更牢固
无需额外清理，省去清洁胶箱烦恼

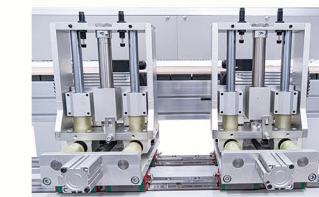
Zero glue line, Minimum heating time required, water-resistant, saving the trouble of cleaning the glue pots.

核心亮点

水平齐头单元
Horizontal End Trimming



新型结构可有效避免传统靠模结构对板件的端头损伤，避免磕板
Delivers no chipping performance.



可选 Optional

伺服仿形跟踪单元

Servo Corner Trimming Unit

取消传统靠模结构，可根据客户需求形成不同边角工艺的圆角
Servo driven structure trims various corners.

可修形状

Different types of corner round

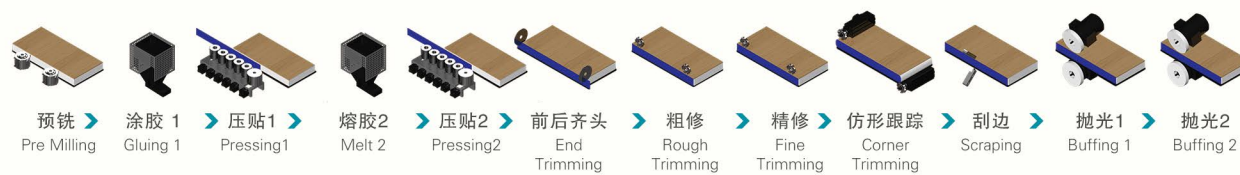


零胶线封边机

零胶线厨衣柜高光门全自动直线封边机

EF583GIW Edgebanding with Zero-glue Line

特别推荐
零胶线封边机



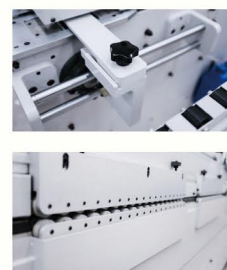
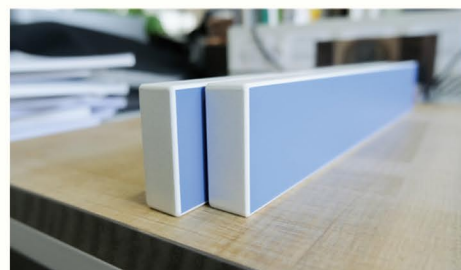
上胶锅可对接PUR注胶机
PUR upon request



保证板材封边后的牢固性，可见
胶缝比EVA小

Two glue reservoirs to quickly
switch between colors and to
achieve invisible joint.

可封≥40mm的端头
40mm Edge Banding

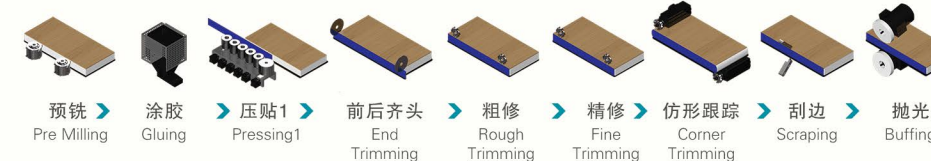


配有窄板辅助压轮及辅助进料，
可对≥40mm的端头进行封边

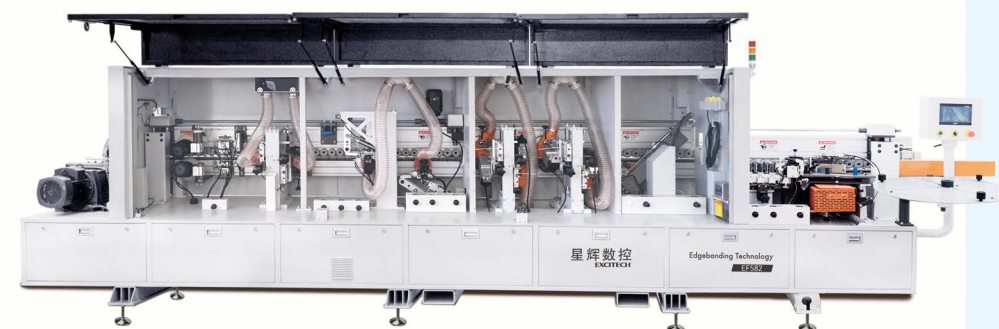
Auxiliary infeed rollers guarantees
perfect finish even with small parts
≥40mm

EF583全自动直线封边机

EF583 Edge Banding with Pre Milling and Corner Trimming



EF582全自动直线封边机 EF582 Edge Banding with Corner Trimming



EF580全自动直线封边机 EF580 Edge Banding with Rough + Fine Trimming

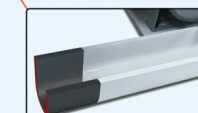


本系列均采用U形结构一体式床身
Heavy Duty Steel Structure



结构钢性强，可保证
长时间加工是精度
和稳定性

Unibody design made
for consistency and
stability



EF581W30全自动直线封边机（窄条封边机）

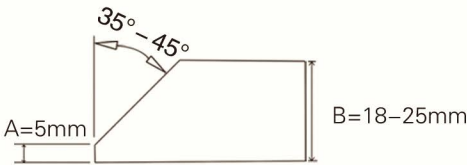
Narrow Parts Edge Banding



W30窄条封边机 适合宽度为30mm窄板的长边加工
Designed to process long, narrow(≥ 30 mm) parts

EF583GX全自动直线封边机(斜直一体封边机)

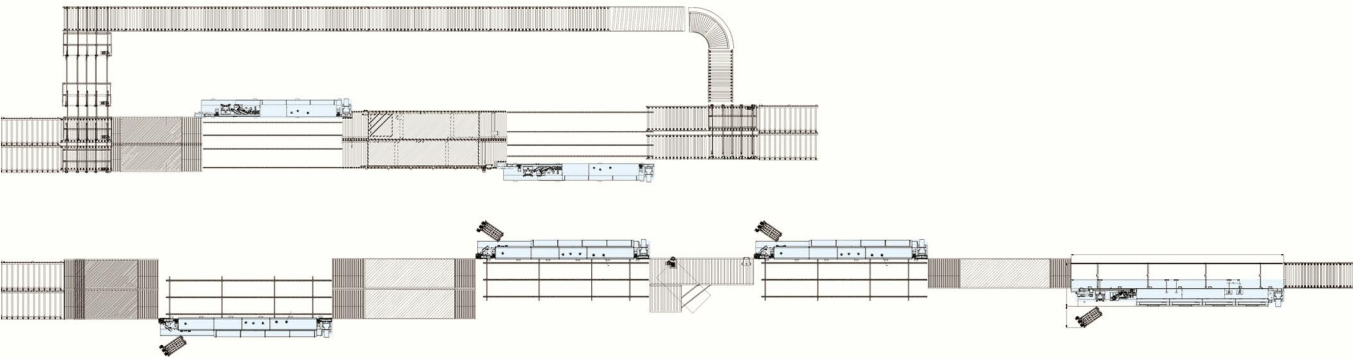
Straight and Slanted Edge



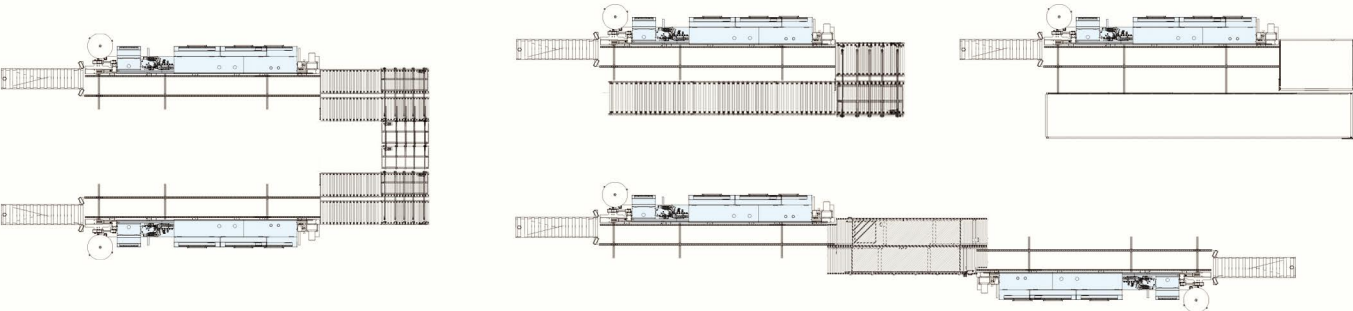
适合斜边门板、斜角拼接柜体等工艺
Perfect for making slanted edges

可同时封直边、斜边
Straight and slanted egdge can be processed simultaneously

智能封边单元 Intelligent Edge Banding Cell



单机封边回转线 Edge Banding with Return Conveyor



系列 Series	外形尺寸 Dimension	总功率 Power	净重 Net. Weight	加工速度 Working Speed	板材厚度 Panel Thickness	最小板尺寸 Min. Workpiece Dim.	封边带厚度 Edge Thickness	封边带宽度 Edge Width	吸尘信息 Dust Extraction Info.
7系连线专用封边机 EF7 Series Edge Bander for Intelligent Processing									
783GC	11400x1900x950mm	38kW	4800kg	20–28m/min	10–60mm	100x250mm	0.4–3mm	16–65mm	Φ100*7
781GC	9600x1900x950mm	37kW	4200kg						Φ100*5
连线窄板封边机系列 Narrow Parts Edge Bander for Intelligent Processing									
583GWL	8820x1800x980mm	25.5kW	3500kg	18–24m/min	10–60mm	50x300mm	0.4–3mm	16–65mm	Φ100*5
583WL	7040x1800x980mm	20kW	3300kg						Φ100*5
6系履带式高速封边机 EF6 Series High Speed Edge Bander									
683GIIN	9580x1800x940mm	28kW	3650kg	20–28m/min	10–60mm	80x150mm	0.4–3mm	16–65mm	Φ100*8
683GIM	10200x1800x940mm	31kW	4150kg						Φ100*10
683GM	10200x1800x940mm	30kW	4100kg						Φ100*10
683GI	9580x1800x940mm	28kW	4050kg						Φ100*8
5系压轮式封边机 EF5 Series Edge Bander									
583GIM	8430x1800x980mm	27.5kW	3650kg	18–24m/min	10–60mm	60x150mm	0.4–3mm	16–65mm	Φ100*6
583GK	7960x1800x980mm	26.5kW	3600kg						Φ100*6
583GI	7960x1800x980mm	26kW	3550kg						Φ100*5
583G	7960x1800x980mm	25kW	3500kg						Φ100*5
583	6250x1600x900mm	16kW	3300kg						Φ100*5
582	5610x1600x900mm	12kW	3150kg						Φ100*3
581	5090x1600x900mm	15.5kW	3100kg						Φ100*4
580	4450x1600x900mm	10.5kW	2950kg						Φ100*2
窄板封边机 Narrow Parts Edge Bander									
583GIMW	8430x1800x980mm	27.5kW	3650kg	18–24m/min	10–60mm	40x300mm	0.4–3mm	16–65mm	Φ100*5
583GIW	7960x1800x980mm	26kW	3550kg						Φ100*5
583GW	7960x1800x980mm	25kW	3500kg						Φ100*5
583W	6250x1600x900mm	16kW	3300kg						Φ100*6
581W30	5090x1600x900mm	15.5kW	3100kg	18–24m/min	10–60mm	30x300mm	0.4–3mm	16–65mm	Φ100*4

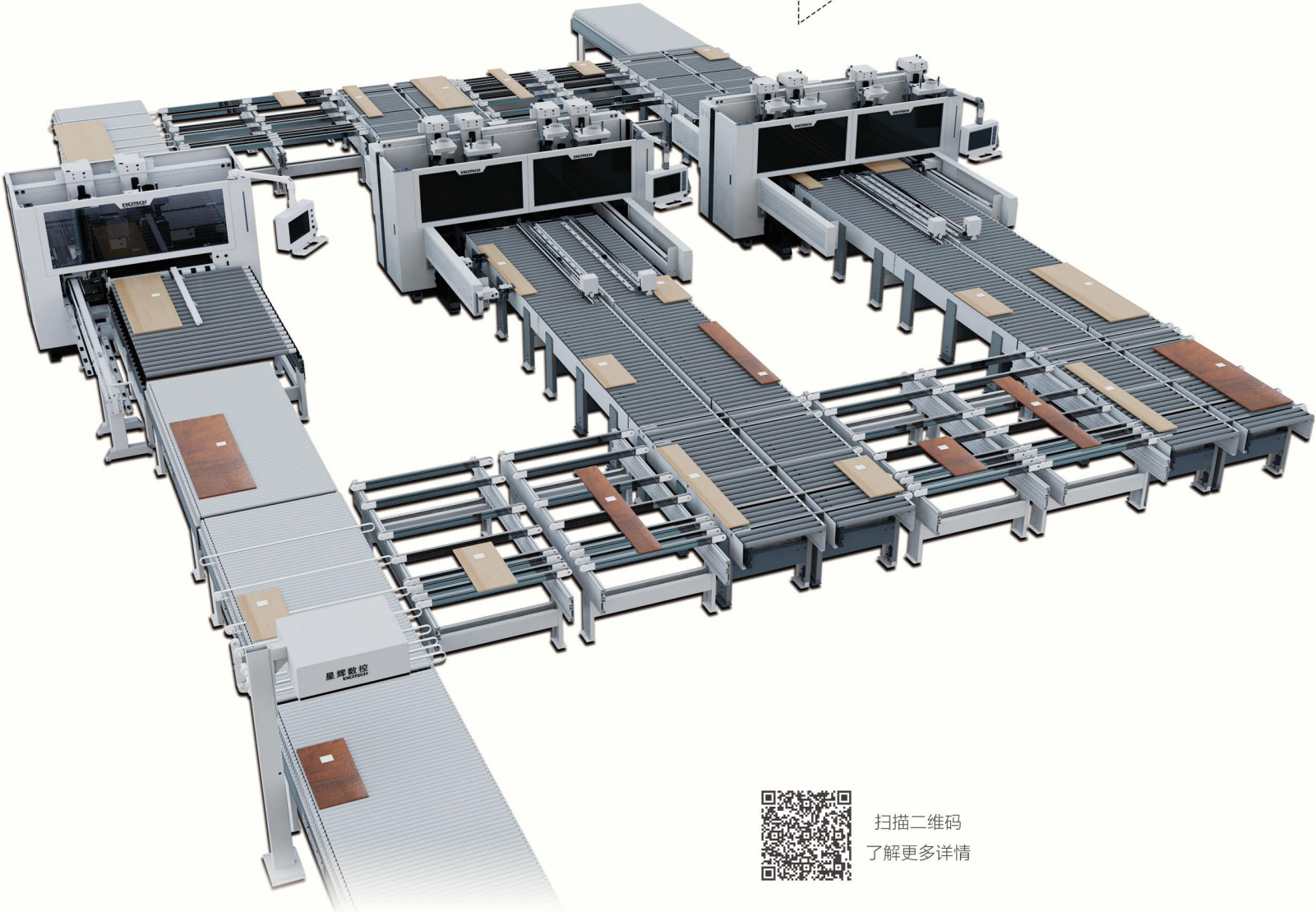
★产品不断升级改良，当外观、配置与参数变更时，均以技术协议为准
For specific machine configurations, please refer to your technical agreement

数控排钻单元

Drilling Cell

产能：10-15片/分钟

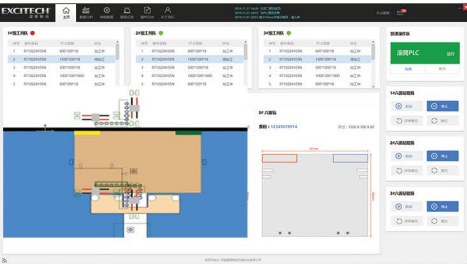
Output: 10-15 pcs /min



- | | |
|-------------------------------|--|
| 自动化生产
Automatic Production | 不受人工限制，方便开展多班生产
Multi shift production |
| 减省人工
Reduced Labor Cost | 对比同样数量的单机，减少所需操作人员
Require less operators than manual processing |
| 避免人为错误
Eliminates Errors | 有效减少人为因素造成的生产错误及板材损伤
Reduce processing error and panel damage |
| 信息化管理
Informatization | 软硬件一体化，生产数据实时呈现
Integrated solutions, real-time production data recording |

星辉数控软硬件一体解决方案

One-stop software integrated solutions



排钻控制系统

Drilling Cell Central Control System

- 自动分配板材到可加工工位

Automatically dispatches unworked parts to planned position
- 生产程序排队加工，不间断生产提高工作效率

Production in sequence and continuity



六面打孔一次完成

Six sided drilling in one stroke

多处客户现场加工实景

Various Customers Benefiting from Drilling Cell



双工位六面钻加工中心

EHS-2T

Double Work Zone 6-sided Drilling Machine



双工位 Double Work Zone	不间断加工，大幅提高生产效率 Processing without interrupting the work cycle, greatly enhances efficiency
节约空间 Smaller Footprint	结构紧凑，占地面积小 Same output delivered, only half of the space
小板加工 Highlight	最小可加工板件宽度手动进料为30mm，自动进料为50mm Ability to process board as small as 30mm when manually infeed and 50mm when automatically

钻包结构 Double Work Zone



底部双钻包，每个钻包含9个垂直钻

Two Bottom drill banks both with 9 vertical drills



顶部钻包12垂直+8水平

Top Drill Bank: 12 vertical +8 Horizontal

双工位结构 Double Work Zone



一个工位加工时，另外一个工位执行上下料，不间断生产

Work carried out on one table while the other loads and unloads

双工位通过式六面钻加工中心

EHSA-2T

Double Work Zone Throughfeed 6-sided Drilling Machine

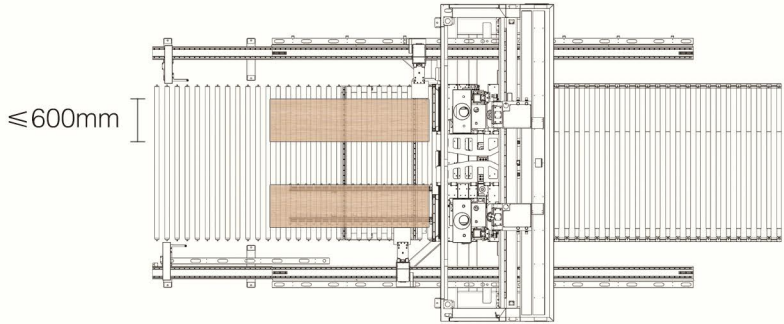
可选4钻包或6钻包

4 drill banks or 6 drill banks optional



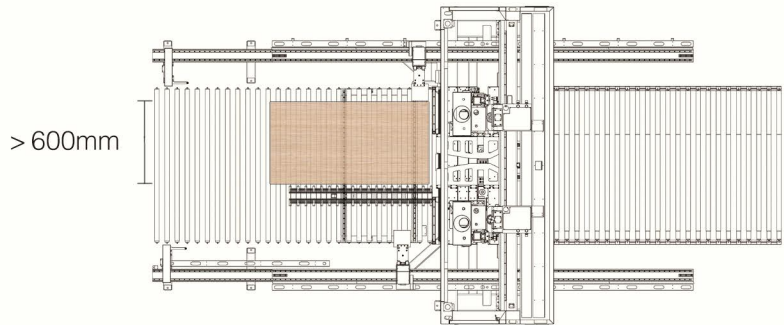
≤600mm宽度板材可双工位同时加工

Parts under 600mm can be processed on two tables simultaneously



> 600mm宽度板材单工位双钻包加工

Parts above 600mm can be processed with both drill banks on one table



辅助进料装置 Automatic In-feed Structure



自动拨料定位，无需人工操作，生产同时待加工板材提前拨料定位，避免等待

Infeed without manual intervention



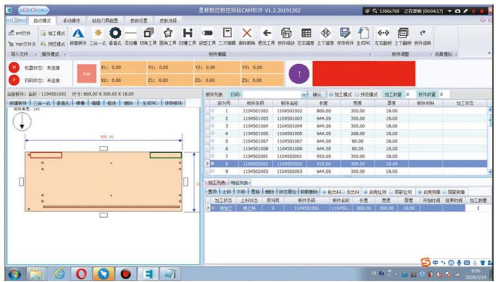
自动换刀六面钻加工中心 EHS 单钻包六面钻 Single Drill bank
EHSW 双钻包六面钻 Double Drill bank
EHS-C Auto Tool-changing 6-sided Drilling Machine



我们的优势 星辉数控软硬件一体化解决方案

What makes us SPECIAL We supply integrated solutions including softwares

自主研发六面钻CAM加工软件
Independently Developed CAM Software



- ◆ CAM算法优化，处理能力更强
Upgraded algorithm, faster processing
- ◆ 路径优化，联动插补，高效定位
Path optimization, efficient positioning
- ◆ 安全避让优化，针对垂直孔、水平孔、轴拉槽等给出更精准的避让方式
Mechanical dodging mechanism implanted to guarantee maximum efficiency when performing multiple moves

6kW高速自动换刀主轴
6kW High Frequency and Auto Tool Changer



拉米诺、木得易、侧拉槽、三合一等...
Beyond just drilling, all kinds of connectors, Lamello, grooving on all sides and more...



自动换刀结构
Automatic Tool-change Structure



四刀库自动换刀，可实现拉米诺、侧灯槽、木得易等特殊工艺
With 4 tool changers, versatile for all kinds of bespoke applications that may involve different connectors, Lamello and more

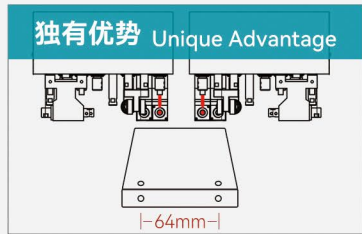
自动换刀 Auto Tool Changer	支持自动换刀，实现特殊工艺加工 Automatic infeed without manual intervention
夹钳减速机传动 Clamps Driven by Reducer	传动精度高，定位精度高 High transmission and positioning accuracy
优化钻包结构 Improved Drill Bank Design	双钻包支持同打最小板宽64mm，提高效率 Two holes with a distance of 64m are completed simultaneously



扫描二维码
了解更多详情
Scan to learn more



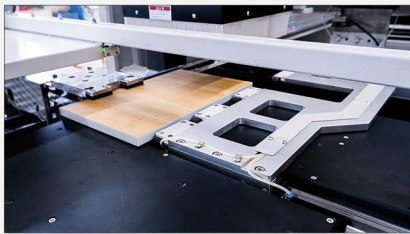
≥64mm孔距支持双钻包同打，钻包利用率提高，效率大幅提升
Holes with a spacing of 64mm are processed with one stroke



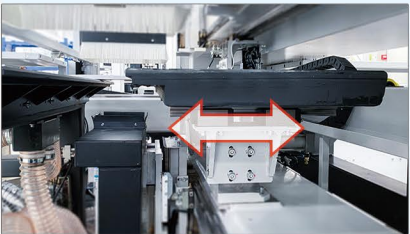
一体式床身加工精度保持性更好，落地即生产，无需拆装
Unibody frame——unpack and ready to produce



U形抓手，配合CAM识别可减少换钳频次，提高效率
U shape grippers, optimized CAM algorithm——no residual movements, more efficiency



双导轨传动侧靠机构，定位精准
Double rails transmission side-alignment realizes precise positioning



推拉式台面，整体支撑平移台面，保障加工精度
Adjustable moving tables are flexible and precise

通过式六面钻加工中心

EHS 单钻包六面钻 Single Drill bank
EHSW 双钻包六面钻 Double Drill bank

EHSA Throughfeed 6-sided Drilling Machine



自动进料结构
Automatic in-feed Structure



自动拨料定位，无需人工操作，生产同时待加工板材提前拨料定位，避免等待
Infeed without manual intervention

六面加工 Six Sided Processing	六面打孔操作一次完成，无需二次定位 Six sided drilling completed in one cycle
横梁通过式 Throughfeed	自动进料并定位板材，无需人工操作 Automatic infeed without manual intervention
双夹钳 Double Grippers	根据板材长度自动调节夹持位置，轻松加工大小板 Grippers are automatically positioned to accommodate different sized workpieces
小板加工 Highlight	最小可加工板件宽度为50mm Ability to process board as small as 50mm.

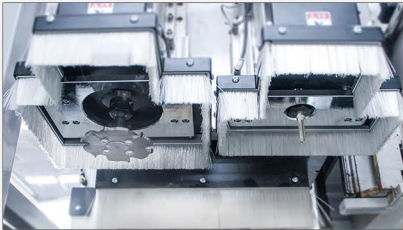
六面钻系列产品可选配置
Six Sided Series Optional Configuration



选配双钻包可同步加工，效率大幅提升
2 drill banks working simultaneously for more productivity



上下可同时拉槽，大幅提高开槽效率
Grooving from top and bottom synchronously to improve the grooving efficiency



选配拉米诺、侧拉槽等工艺
Lamello Saw、Side Grooving Optional.

六面钻加工中心

EHS 单钻包六面钻 Single Drill bank
EHSW 双钻包六面钻 Double Drill bank

EHS 6-sided Drilling Machine



手动进料结构
Manual in-feed structure

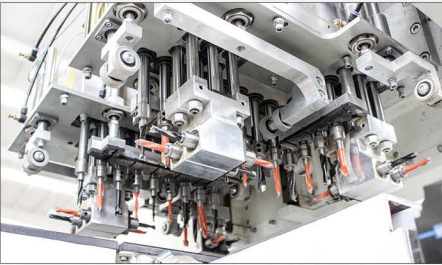


气浮台面，有效保护板材表面不被划伤，同时轻松移动板材，降低劳动强度
Air table reduces friction and protects the delicate surface

六面加工 Six Sided Processing	六面打孔操作一次完成，无需二次定位 Six sided drilling completed in one cycle, require no second positioning
一体式床身 Integrated Machine Frame	加工精度保持性更好，落地即生产，无需拆装 High precision throughout service life
小板加工 Highlight	最小可加工板件宽度为30mm Ability to process board as small as 30mm



排钻配置	双钻包 Dual Drill Banks	单钻包 Single Drill Banks
顶部垂直钻 Top Vertical	24	12
底部垂直钻 Bottom Vertical	9	9
水平钻 Horizontal	16	8

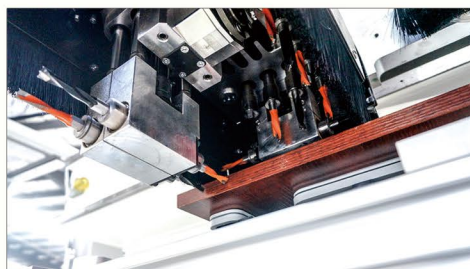


E6 数控排钻加工中心 (PTP)

PTP Work Center



特别推荐
PTP高定专用设备



多元化加工 Versatile Functions	功能广泛，可实现铣削、打孔、切割、侧铣等 Routing, drilling, cutting, side-milling, etc.
双工位 Double Work Zone	加工时可进行上下料，无怠工时间 Non-stop work cycle
点对点吸附 Point to Point Vacuum Hold-down	可做整板吸附，也可对小板进行点对点吸附 Point to point suction-available for big&small boards

可选项 Optional 旋转轴和角度头可实现多种高定工艺
Tap into more potentials by adding rotation axis and aggregates



轻松搞定隐形件、侧槽、阶梯槽、LMP闭门器、天地铰孔等高定复合工艺
Doors, side processing, hinges, connectors, bespoke applications and more, you name it



一机多用 Truly Versatile

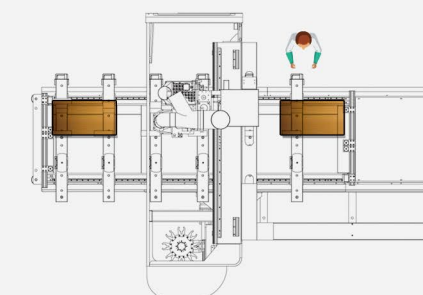
可单机使用加工实木门、门芯板、铣锁孔等
This machine is also commonly used to manufacture solid wood door.
You have the option to upgrade to a more powerful spindle and to use heavy duty aggregates to perform the job required.



标配三种规格真空吸附块，满足不同尺寸板件吸附需求
Moveable vacuum cups, in 3 different sizes to work with various panel sizes



双工位上料操作区域（吸附条+吸附块）
2排定位气缸，可做整板吸附亦可做点对点吸附，装卸料方便快捷
Pod-and-rail table that is divided into 2 work zones



E6PTP可实现双工位不间断加工
Double work zones guarantee non-stop work cycle

可选项 Optional



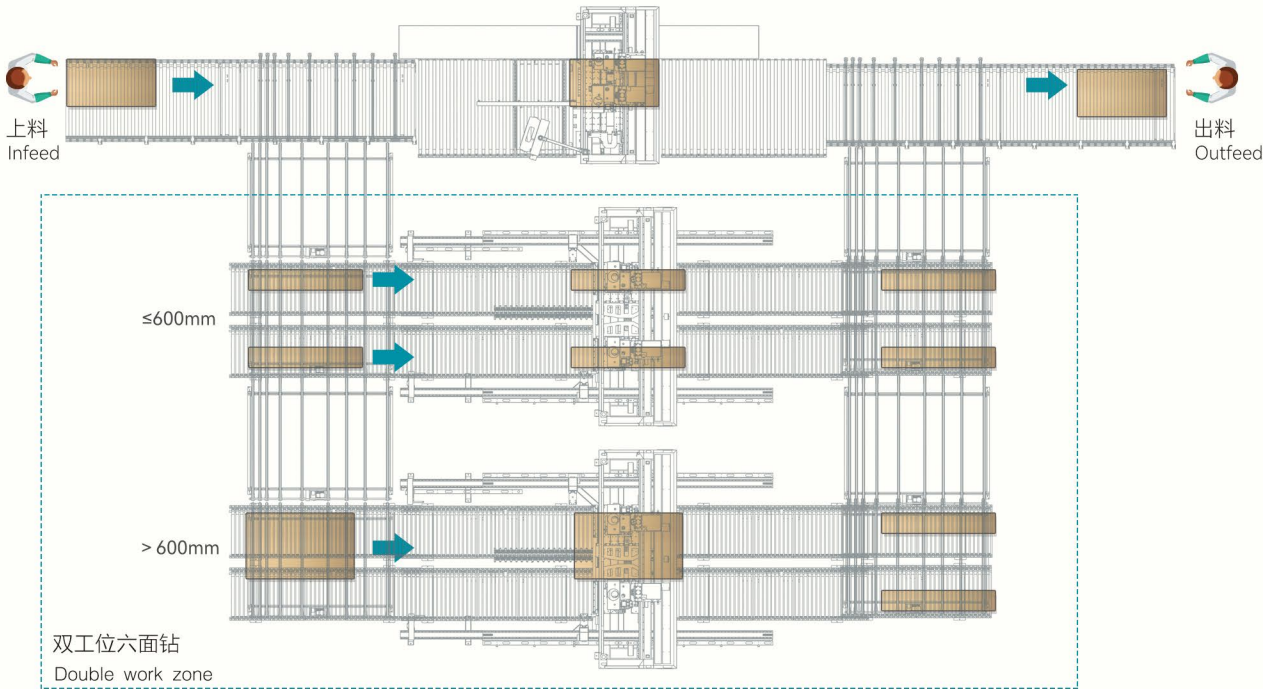
选配灯带指示，操作人员直观的调节吸附条和吸附块位置，提高生产效率
Led light strips guide the operator to navigate and locate the workpiece at correct position

数控排钻功能与可选结构

Drilling Series Options

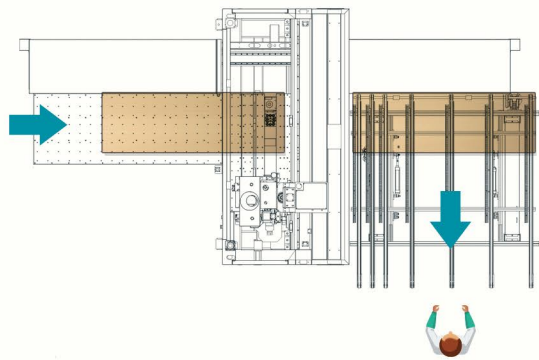
■ 横梁通过式排钻单元 Throughfeed 6-sided drilling machine

人员仅需上料和下料，2个人可同时操作多台设备
Automatic infeed without manual intervention, two workers can operate multiple machines at the same time

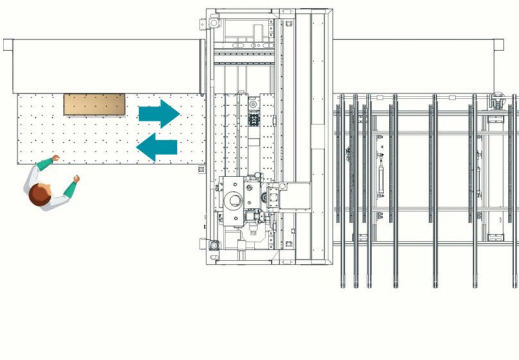


■ 气浮台面六面钻 6-sided drilling machine with air table

前进后出
Front infeed & rear outfeed

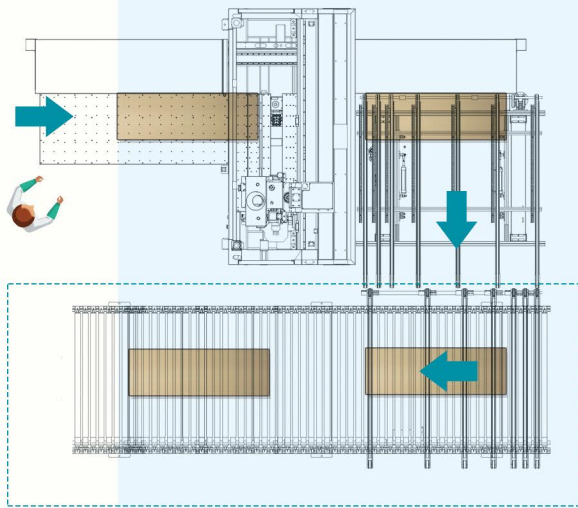


前进前出
Front infeed & front outfeed



选配滚筒回转线，后出料板材自动回转，提高生产效率

Optional Automated return conveyors



★ 产品不断升级改良，当外观、配置与参数变更时，均以技术协议为准

For specific machine configurations, please refer to your technical agreement

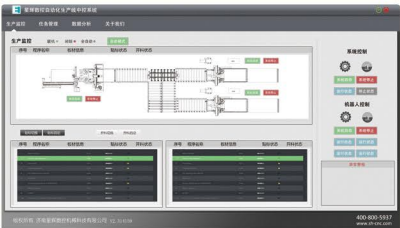
系列 Series	有效行程 Traveling Size	最大加工尺寸 Max. Working Size	最小加工尺寸 Min. Working Size	外形尺寸 Dimension	净重 Net. Weight	空行速度 Traveling Speed	钻包配置 Drill Bank Info.		主轴配置 Spindle Info.	台面结构 Table Structure	总功率 Power	吸尘信息 Dust Extraction Info.
EHS-2T手动进料双工位六面钻 EHS-2T Double Work-zone Six Sided Drilling Machine												
1228	4800x2630x150mm	2800x1200x50mm	200x30x15mm	5400x3850mm	5000kg	130/80/30m/min	垂直钻 42（24顶+18底） 水平钻 16 Vertical 42+Horizontal 16		3.5kW*4	气浮台面 + 夹钳 Air Table Clamps	26kW	Φ200*2 Φ150*2
EHSA-2T自动进料双工位六面钻 EHSA-2T Double Work-zone Six Sided Drilling Machine												
1228	4800x2630x150mm	2800x1200x50mm	200x50x15mm	7770x3850mm	7800kg	130/80/30m/min	垂直钻 42（24顶+18底） 水平钻 16 Vertical 42+Horizontal 16		3.5kW*4	气浮台面 + 夹钳 Air Table Clamps	26kW	Φ200*2 Φ150*2
EHSW-C自动换刀双钻包六面钻 EHSW-C Six Sided Drilling Machine with Automatic Tool-changers												
1228	4800x1750x150mm	2800x1200x50mm	200x30x10mm	5400x2750mm	3900kg	130/80/30m/min	垂直钻 33（24顶+9底） 水平钻 16 Vertical 33+Horizontal 16		6 kW*1 3.5kW*1	气浮台面 + 夹钳 Air Table Clamps	21kW	Φ200*2 Φ150*1
EHSAW双钻包通过式六面钻 EHSAW Six Sided Drilling Machine												
1228	4800x1750x150mm	2800x1200x50mm	200x50x16mm	7770x2750mm	4500kg	130/80/30m/min	垂直钻 33（24顶+9底） 水平钻 16 Vertical 33+Horizontal 16		3.5kW*2	气浮台面 + 夹钳 Air Table Clamps	22kW	Φ200*2 Φ150*1
EHSA单钻包通过式六面钻 EHSA Six Sided Drilling Machine												
1228	4800x1750x150mm	2800x1200x50mm	200x50x16mm	7770x2750mm	4200kg	130/80/30m/min	垂直钻 21（12顶+9底） 水平钻 8 Vertical 21+Horizontal 8		3.5kW*2	气浮台面 + 夹钳 Air Table Clamps	16kW	Φ200*1 Φ150*1
EHSW双钻包六面钻 EHSW Six Sided Drilling Machine with Double Drilling Banks												
1228	4800x1750x150mm	2800x1200x50mm	200x30x10mm	5400x2750mm	3900kg	130/80/30m/min	垂直钻 33（24顶+9底） 水平钻 16 Vertical 33+Horizontal 16		3.5kW*2	气浮台面 + 夹钳 Air Table Clamps	18kW	Φ200*2 Φ150*1
EHS单钻包六面钻 EHS Six Sided Drilling Machine												
1228	4800x1750x150mm	2800x1200x50mm	200x30x10mm	5400x2750mm	3700kg	130/80/30m/min	垂直钻 21（12顶+9底） 水平钻 8 Vertical 21+Horizontal 8		3.5kW*2	气浮台面 + 夹钳 Air Table Clamps	14kW	Φ200*1 Φ150*1
E6PTP加工中心 E6 PTP Work Center												
1230	3400x1640x250mm	3060x1240x100mm	320x60 mm	5270x3060mm	3800kg	80m/min	垂直钻 9 水平钻 6 锯片 1 Vertical 9 Horizontal 6 Saw 1	9kW 24000r/min	吸附条 + 吸附块 Pods+Rail	22kW	Φ200*1	
1252	5550x1640x250mm	5200x1260x100mm	320x60 mm	7270x3060mm	6500kg							

櫥衣柜模压门板生产线

Automated Molded Door Production Cell



星辉数控软硬件一体解决方案



门板优化加工软件

ECAM Door Software

根据批次排产，并依次排队生产
Manufacture by sequence

自动分配板材到可加工工位
Automatically dispatches unworked parts to planned position



可选配斗笠式双刀库，刀位定位精准
With this machine, you have dual tool magazines to meet the diversity of your jobs.

The carousel tool magazine travel with the spindle, improve the overall performance by reducing the tool changing time.

多处客户现场加工实景

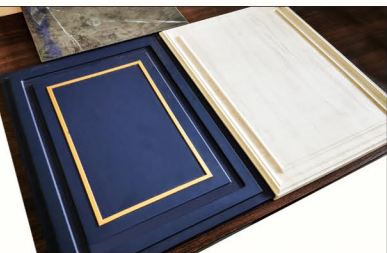
Various Customers Benefiting from Molded Door Production Line



扫描二维码
了解更多详情

ES 三轴丝杆加工中心

Precision Ball Screw Driven Machine



三轴均采用德国进口精密滚珠丝杆，
运行平稳、精度高

This machine is designed to meet some of the more demanding or craft-oriented application requirements to whom precision is the key. That is why we use precision ball screw on all 3 axes—to ensure a smoother and more accurate performance.

丝杆传动 Ball Screw Driven	三轴均采用丝杆传动，精度高，适合门板调角等工艺 Precision ball screw to ensure a smoother and more accurate performance
自动换刀主轴 Auto Tool Changer	大功率主轴，可强力切削不同规格的材料 High-power spindle to process different materials
圆盘刀库 Carousel Tool Magazine	刀库随机头左右移动，效率高，可选配双16/18伺服刀库 Dual 16-slot servo tool magazines travel with the spindle, improving the overall performance



扫描二维码
了解更多详情

系列 Series	1224
有效行程 Traveling Size	2500x1260x200mm
加工尺寸 Working Size	2440x1220x40mm
外形尺寸 Dimension	2440x1220mm
净重 Net.Weight	2800kg
空行速度 Traveling Spd.	40m/min
加工速度 Working Spd.	15m/min
主轴配置 Spindle Info.	9kW 24000r/min
刀库形式 Tool Magazine	斗笠式-20x2 Carousel-20x2
台面结构 Table Structure	双层真空吸附台面 Vacuum Table
总功率 Power	28kW
吸尘信息 Dust Extraction Info.	Φ200*1 Φ150*1

E9 定梁定柱五轴加工中心

Venture Five-axis Machining Center



荣誉证书：高新技术企业、山东省科技进步一等奖、山东省首台套设备...



多处客户现场加工实景 Various Customers Benefiting from 5 Axis machining center



先进材料加工设备部分合作伙伴



五轴联动 5 axis process	RTCP五轴插补，适合三维立体造型的曲面加工 5 synchronizing interpolated axes, real-time tool center point rotation, well suited for 3D processing
进口品牌部件 Top-class Parts	全部采用品牌零配件，性能稳定 Using only the best components found on market to ensure best reliability and performance
适用行业 Applications	碳纤维、玻璃钢、复合材料、PMI泡沫、树脂、代木、泡沫等先进复合材料 Carbon fiber, reinforced plastics, composite, PMI foam, EPS, resin, phenolic, plastic and more...

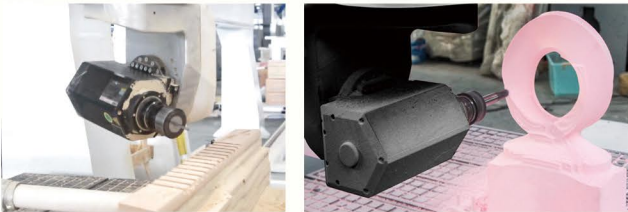
E8 定梁定柱小型五轴加工中心

Mini Five-axis Machining Center



可选双工位方案

Twin-table Optional



E10 桥式大型龙门五轴加工中心

Vantage Five-axis Machining Center



扫描二维码

了解更多详情

多处客户现场加工实景

Various Customers Benefiting from five-axis machining center



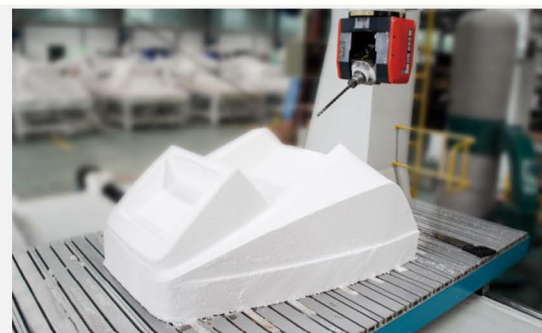
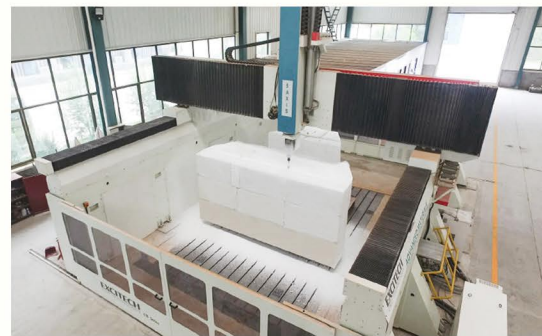
系列 Series	有效行程 Traveling Size	台面尺寸 Table Size	外形尺寸 Dimension	净重 Net. Weight	A/C轴行程 A/C Axis Traveling	主轴信息 Spindle Info.	空行速度 Traveling Speed	加工速度 Working Speed	刀库形式 Tool Magazine	驱动形式 Driving System
E9标准五轴加工中心 E9 Series										
1224	1850x3100x950/1300mm	1200x2400mm	5500x6100x4850/5550mm	7000kg	A: ± 120° C: ± 245°	10/15 kW	60/60/20m/min	20m/min	圆盘8刀 Carousel 8	安川 Yaskawa
1530	2150x3700x980/1300mm	1500x3000mm	5900x6900x4850/5550mm	8000kg						
2030	2650x3700x1300/1800mm	2000x3000mm	6400x6900x5550/6550mm	9000kg						
E10桥式五轴加工中心 E10 Series										
2040	2700x4800x2000/2400mm	2000x4000mm	5500x6100x4850/5550mm	15000kg	A: ± 120° C: ± 245°	10/15 kW 24000r/min	55/55/15m/min	20m/min	排式6刀 Linear 6	安川 Yaskawa
4060	4800x6800x2000/2400mm	4000x6000mm	9800x10600x6600/7400mm	35000kg						
E8轻型五轴加工中心 E8 Series										
1212	1720x1820x750mm	1200x1200mm	3600x4300x2700mm	3000kg	A: ± 185° C: ± 320°	8.5 kW 24000r/min	60/60/20m/min	20m/min	圆盘8刀 Carousel 8	安川 Yaskawa
1224	1720X3040X750mm	1200x2400mm	4800x4300x2700mm	3800kg						

★ 产品不断升级改良，当外观、配置与参数变更时，均以技术协议为准

For specific machine configurations, please refer to your technical agreement

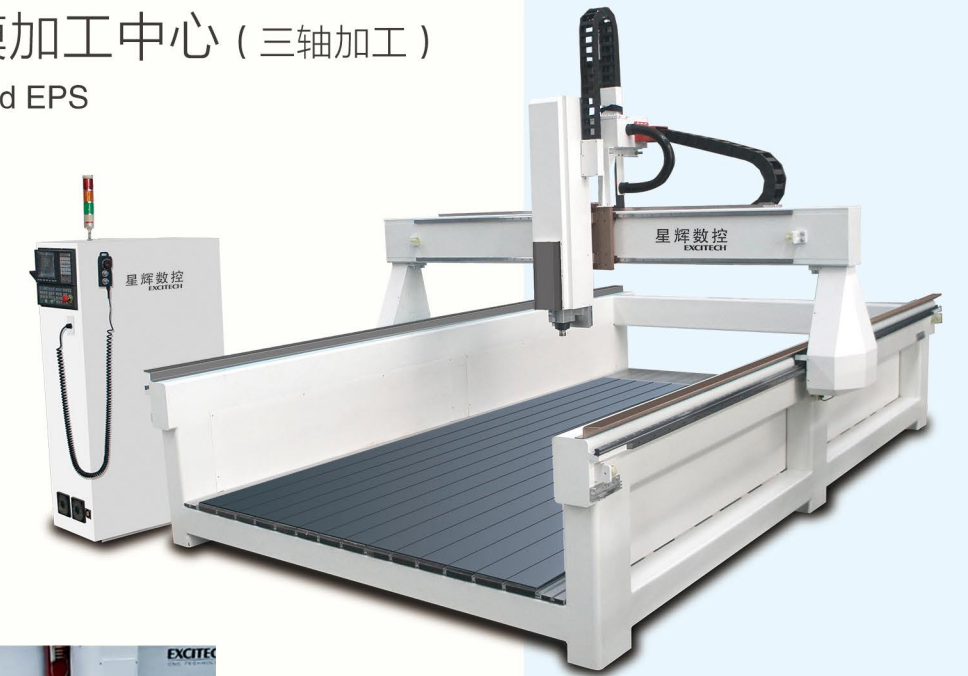
多处客户现场加工实景

Various Customers Benefiting from five axis machining center



标准型泡沫、木模加工中心（三轴加工）

Machining Center for Mold and EPS



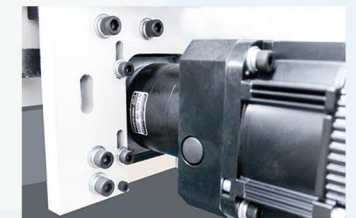
采用国际品牌部件，性能稳定 Join Hands with Our World-Renowned Partners



意大利进口双摆头主轴
Italian HSD Spindle



日本自润滑防尘线性导轨
Japanese THK Linear Guide Rail



日本行星减速机
Japanese SHIMPO Planetary Gear Box



意大利操作系统
Italian OSAI Controller



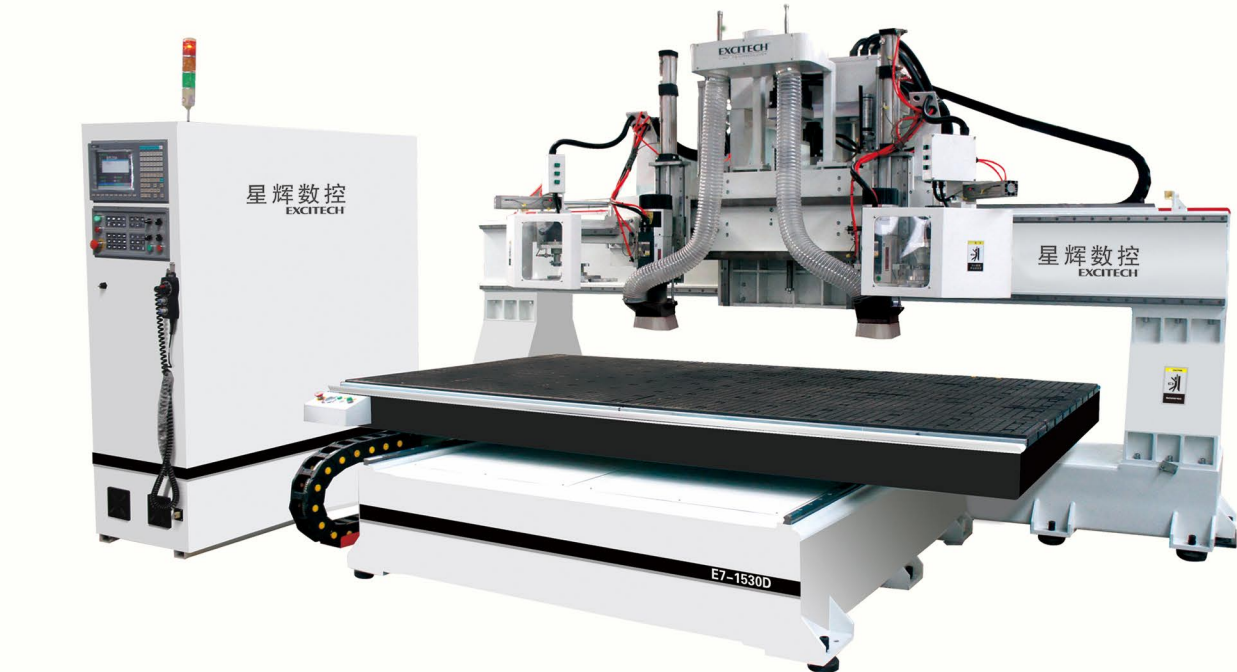
日本伺服驱动
Japanese Driving System



德国电缆线
German Cable Conductor

E7 床身移动加工中心

Movable Table Work Center



双主轴加工不同部件，双倍提高加工效率

Double Efficiency with Double Spindles!

床身移动	重型结构设计，实现高速加工
Movable bed	Heavy duty structure to process with high speed
圆盘刀库	可选配16伺服刀库或HSK重型刀库，换刀快速精准
Carousel Tool Magazine	16 servo tool changers, HSK aggregates optional
适用行业	实木及沙发等软体家具框架高速加工
Application	Solid wood, sofa and other upholstery furniture processing

可选配 Optional

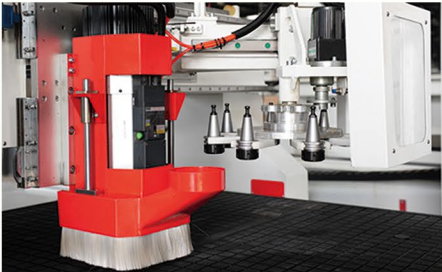


可选配丝杆传动，进一步提高精度刀库随主轴移动，减少换刀时间

Available in ballscrew driven design as well

E5 重型加工中心

Heavy-duty Work Center



重型床身	适合重力切削
Heavy Frame	For heavy-duty production needs
圆盘刀库	刀库随机头左右移动，效率高，可选配双16/18伺服刀库
Carousel Tool Magazine	Tool magazine travels with spindle to reduce tool changing time
选配排钻	9垂直+6水平+1锯片或5+4垂直锯片
Drill Bank Optional	9 Vertical +6horizontal+1 saw or 5+4 vertical drill bank optional

可夹装重型刀具

This machine is designed to hold aggregates as well



一款重型加工中心，适合重力切削，功能广泛：镗铣、钻孔、切割、侧铣、倒边等，适合多元化复合型产品加工

Extremely heavy-duty with 8-slot carousel tool changer, for accurate and rapid tool positioning.

自动换刀主轴
Auto Tool Change

大功率主轴，可强力切削不同规格的材料
High-power spindle to process different materials

圆盘刀库
Carousel Tool Magazine

可选配16伺服刀库换刀快速精准
16 servo tool magazing optional



E2 自动换刀加工中心

Auto Tool Changer Products

E3 标准加工中心

Venture Work Center



一款加强型排式换刀的加工中,机身结构强化处理,工作效能高
High-performance machine with extraordinary value, but at a very economical price



后置排式刀库，换刀简洁快速
Linear tool Changer



E1/E2 数控雕刻机

Manual Tool Changer Products

结构轻巧，工作能耗低，目前性价比极高的一款通用型产品
Perfect choice for beginners and hobby users



系列 Series	有效行程 Traveling Size	加工尺寸 Working Size	外形尺寸 Dimension	净重 Net. Weight	可选加工长度 Optional Working Length	空行速度 Traveling Speed	加工速度 Working Speed	主轴配置 Spindle Info.		刀库形式 Tool Magazine	台面结构 Table Structure	总功率 Power	吸尘信息 Dust Extraction Info.
E5重型加工中心 E5 Series Heavy-duty Work Center													
1224	2500x1260x330mm	2480x1230x200mm	3550x2100mm	2300kg	2850mm 5000mm 6000mm	80m/min	20m/min	9/12 kW 24000r/min		圆盘 8/12/16刀库 Carousel 8/12/16	真空 吸附台面 Vacuum Table	25kW	Φ 150*1
1530	3100x1570x330mm	3080x1560x200mm	4050x2400mm	2600kg								30kW	
2030	3350x2100x330mm	3050x2032x200mm	4050x3000mm	6500kg									
2040	4350x2100x330mm	3940x2032x200mm	5100x3000mm	6800kg									
E3标准加工中心 E3 Series Work Center													
1325	2500x1260x200mm	2480x1230x180mm	3350x2720mm	1500kg	2850mm 5000mm 6000mm	45m/min	20m/min	9 kW 24000r/min		圆盘 8/12/16刀库 Carousel 8/12/16	真空 吸附台面 Vacuum Table	22kW	Φ 100*1 Φ 150*1 Φ 200*1
1530	3100x1560x200mm	3080x1560x180mm	3950x3020mm	2000kg								27kW	
2030	3100x2060x200mm	3080x2050x180mm	3900x3550mm	2300kg									
2040	4030x2060x200mm	4000x2050x180mm	4940x3550mm	2800kg									
E2轻型加工中心 E2 Series Auto Tool Changer Products													
1325	2500x1260x200/300mm	2480x1230x180/280mm	3250x2100mm	1000kg	2850mm 5000mm 6000mm	40m/min	18m/min	9 kW 24000r/min		直排 8/12刀库 Linear 8/12	条形 吸附台面 Vacuum Table	22kW	Φ 100*1
1530	3100x1570x200/300mm	3080x1550x180/280mm	3900x2430mm	1500kg								27kW	
2030	3100x2100x200/300mm	3080x2050x180/280mm	3900x2900mm	1900kg									
2040	4020x2100x200/300mm	4000x2050x180/280mm	4800x2900mm	2100kg									
2138	3800x2100x200/300mm	3780x2050x180/280mm	4600x2900mm	2300kg									
E2雕刻机 E2 Series Manual Tool Changer Products													
1325	2500x1260x200/300mm	2480x1230x180/280mm	3050x2100mm	900kg	2850mm 5000mm 6000mm	25m/min	15m/min	3/4.5/6 kW 18000r/min		N/A	条形吸附/ 普通台面 PVC/ Vacuum Table	15kW	Φ 100*1
1530	3100x1570x200/300mm	3080x1550x180/280mm	3700x2430mm	1300kg								20kW	
2030	3100x2100x200/300mm	3080x2050x180/280mm	3700x2900mm	1700kg									
2040	4020x2100x200/300mm	4000x2050x180/280mm	4600x2900mm	1900kg									
2138	3800x2100x200/300mm	3780x2050x180/280mm	4400x2900mm	2100kg									

★产品不断升级改良，当外观、配置与参数变更时，均以技术协议为准
For specific machine configurations, please refer to your technical agreement