

星辉数控 EXCITECH



领先·创新——专注家具产业智能化生产

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
智慧包装生产解决方案
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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VER2024.01



关注公众号



抖音视频号



Contact Us



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



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2024年初统计

49项 国家认定的荣誉及奖项 National Awards 	40项 软件著作权 Software Copyright 	160项 发明及实用新型专利 Invention and Awards 	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
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Partners 合作伙伴 我们还有更多合作伙伴，期待您的加入！

OPPEIN 欧派	HOLIKE 好莱客 定制家居大师	金牌厨柜	尚品宅配	JOMOO 九牧 中国高端卫浴领导者
百得胜 全屋板木定制	顶固全屋定制	Boloni 博洛尼整体厨房·全屋定制	德维尔 全屋定制	OULIN 欧琳
诗尼曼家居	LAMI 拉米	火星集成灶	TotGuard 护童 — 高端学习桌椅 —	DAESHIN 大信 整体厨房 全屋定制
ZBOM 志邦厨柜	冠特定制家居	伊仕利家居	太子家居 TASA	SHENGYU 晨昱
LOVICA 诺维家	劳卡全屋定制	KEFAN 科凡	OLO 我乐 整体橱柜 全屋定制	M 玛格定制家具
QUANU 全屋家居	TUBAO 兔宝宝 让家更好	合生雅居 — 全屋定制 —	科勒 KOHLER	ARROW 箭牌卫浴
Treco 千年舟	红苹果 RED APPLE	卡诺亚定制家居	泛微全屋定制 FANWEI	顾家家居 KUKA
PIANO 皮阿诺 — 钢琴艺术家 —	欧睿宇邦 整体橱柜 · 全屋定制	圣象 power Dekor	GOKENG 固家	DY 德邦柏雅 — 整体橱柜 · 全屋定制 —

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



技术研发中心 Technical Center



EXCITECH®

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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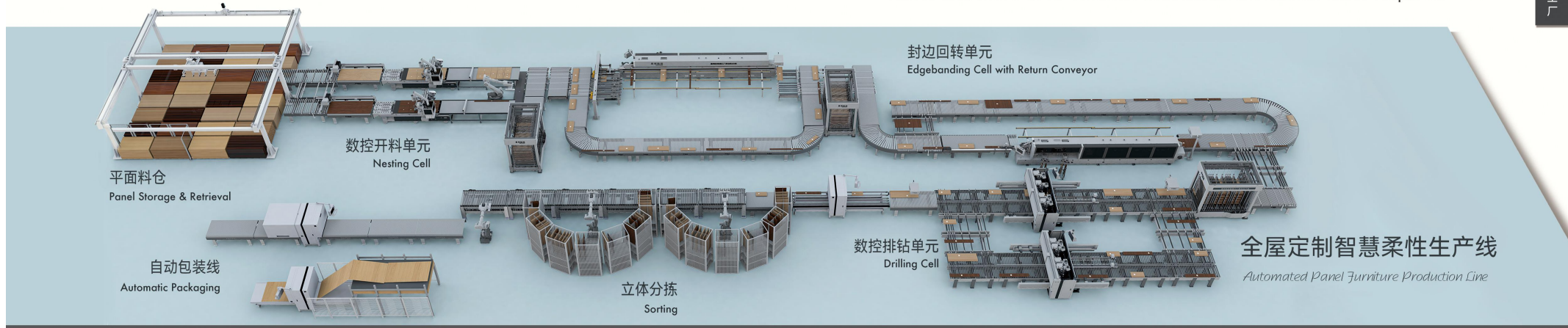
无人线，看星辉！

EXCITECH-Reliable, Affordable 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
- ◆ 5公分以上板件全自动上线，上线率高达90%+
- ◆ 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≥5mm 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

5cm

最小板上线尺寸
Small Parts

90±1%

揉单优化率
Optimization Rate

90%+

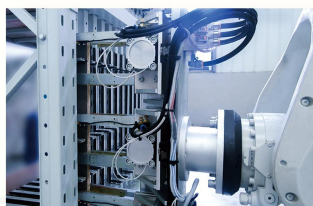
上线率
Automotized



星辉专利：5公分窄板全自动生产线，
解决窄板自动化生产世界难题
EXCITECH Patent
Intelligent production line for small parts ≥5cm



自研独有：视觉辅助定位系统
Unique Advantage
Vision-based robot unload navigation system



自研独有：5公分窄板缓存定位
Unique Advantage
Accurate positioning & handling
of small parts ≥5cm

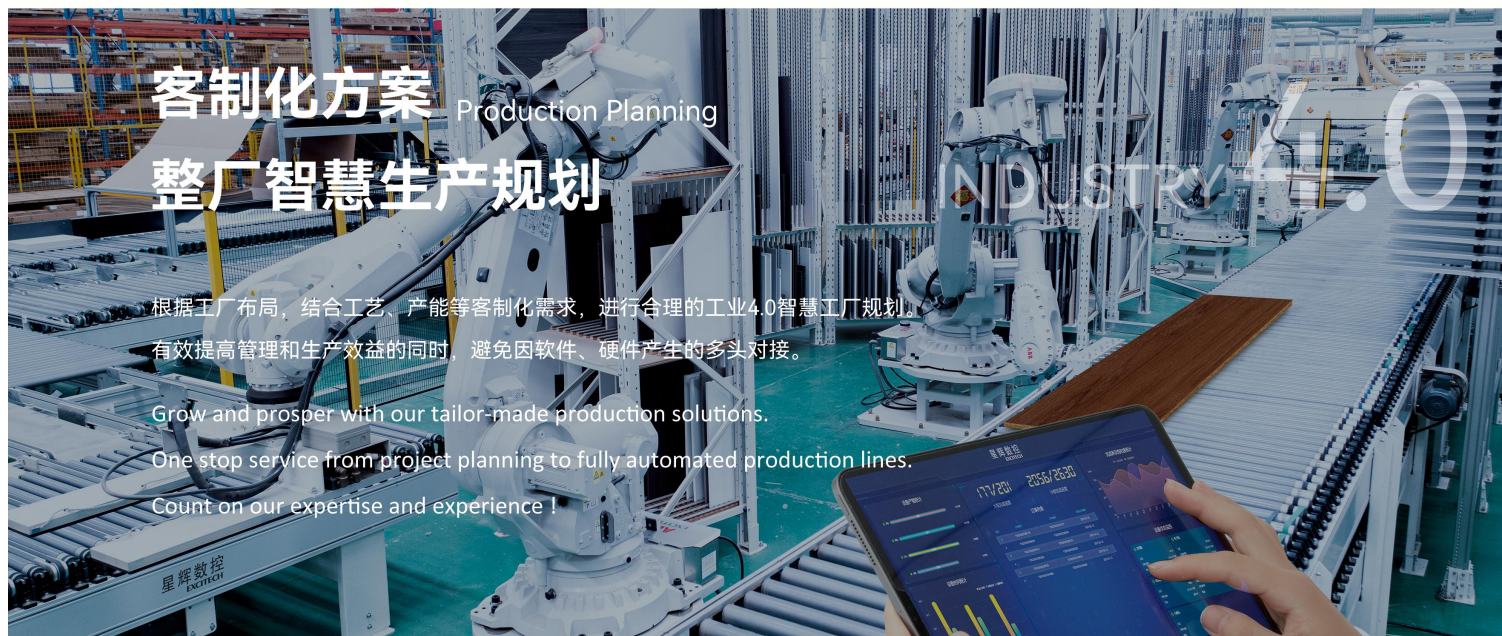


书本架立体分拣单元
Vertical Sorting Unit



更多智慧工厂资讯

多年实践与经验 软硬件自主研发



客制化方案 整厂智慧生产规划

根据工厂布局，结合工艺、产能等客制化需求，进行合理的工业4.0智慧工厂规划，有效提高管理和生产效益的同时，避免因软件、硬件产生的多头对接。

Grow and prosper with our tailor-made production solutions.

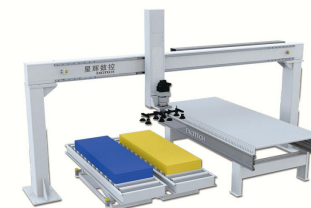
One stop service from project planning to fully automated production lines.

Count on our expertise and experience !

机械手+视觉拆垛/码垛
Robot with vision cameras



龙门机械手拆垛/码垛
Gantry loading and stacking



多元化智慧生产模式

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



立体仓库
Vertical Storage



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转运供料、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

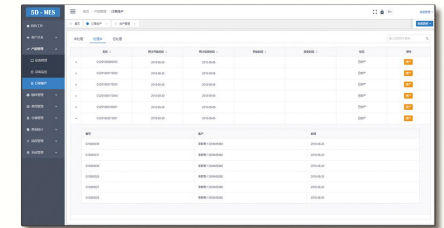


扫描二维码
了解更多详情

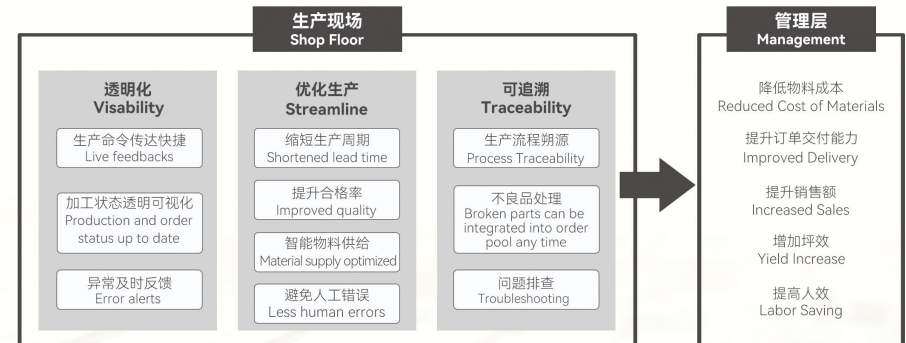
智慧排产系统 Production Planning

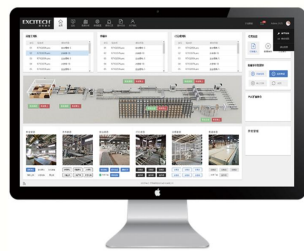
多订单根据交期智能优化排产，提高板材利用率，缩短交期，提高客户满意度和返单率

- ◆ 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

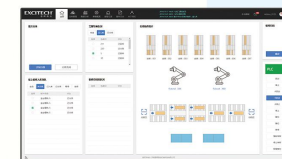


将原材料端与设备端无缝衔接，可视化管理
根据订单信息，配板码垛与板件入仓随时切换，满足生产节拍
料仓大小可根据产线产能及场地定制

Rational utilization of shop floor that combines material storage, manufacturing equipment and logistics functionalities.
Planning ahead of production, stack and stock all in one.



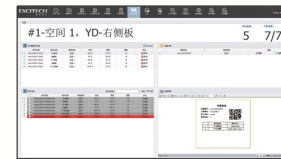
分拣控制系统 Sorting Control System



作业效率高，减少对作业人员的要求
适合多品种、高效率、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.

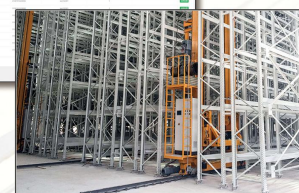
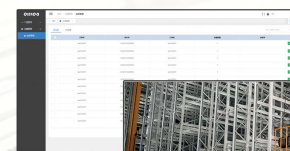
自动打包控制系统 Packaging Control System



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



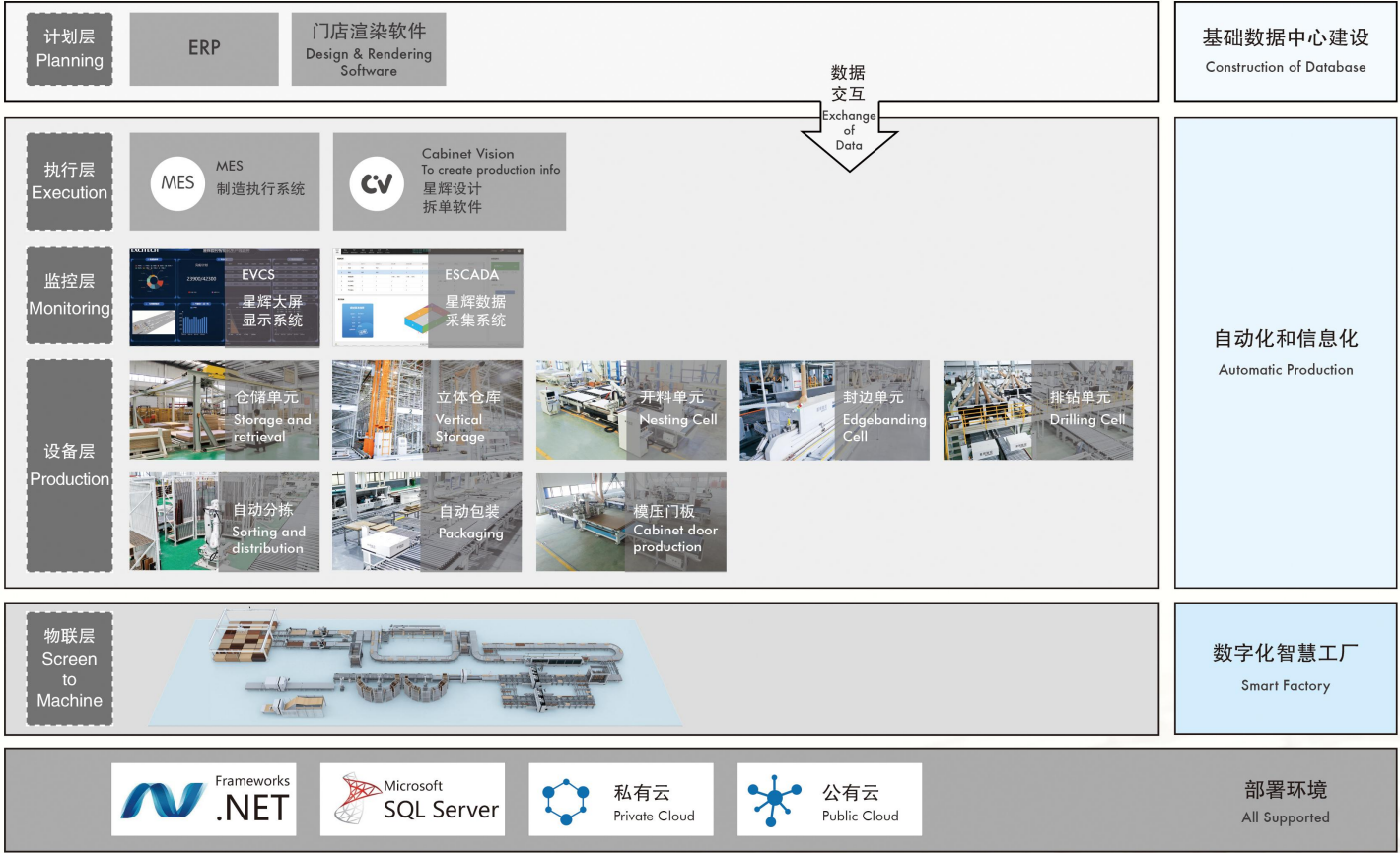
- ◆ 实现仓储作业精益化
- ◆ 出入库操作简单快速且准确
- ◆ 库存明细实时更新
- ◆ Ease of operation
- ◆ Real time update of stock status and reports
- ◆ Shipping and receiving management

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



扫描二维码
了解更多详情

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



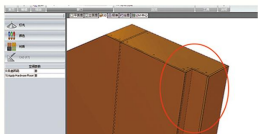
切割清单、物料清单、五金件清单、人工成本、材料成本、装配示意图、尺寸规格全部一次性生成

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

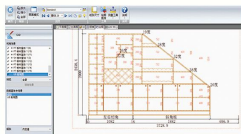
STEP3

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

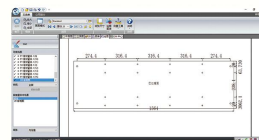


自动生成装配示意图，一目了然
Automatically generated assembly schematics

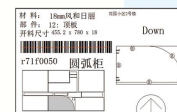
快速准确拆单

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

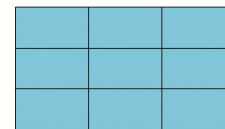
自动优化排版 Cutting Plan Optimization

- ◆ 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



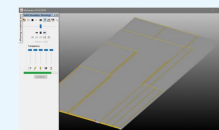
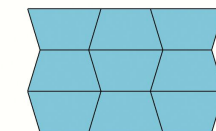
优化



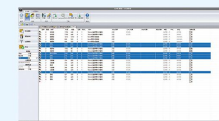
真实形状排版，异形部分自动互补融合
True Shape Optimization



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/矩形形状排版输出，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

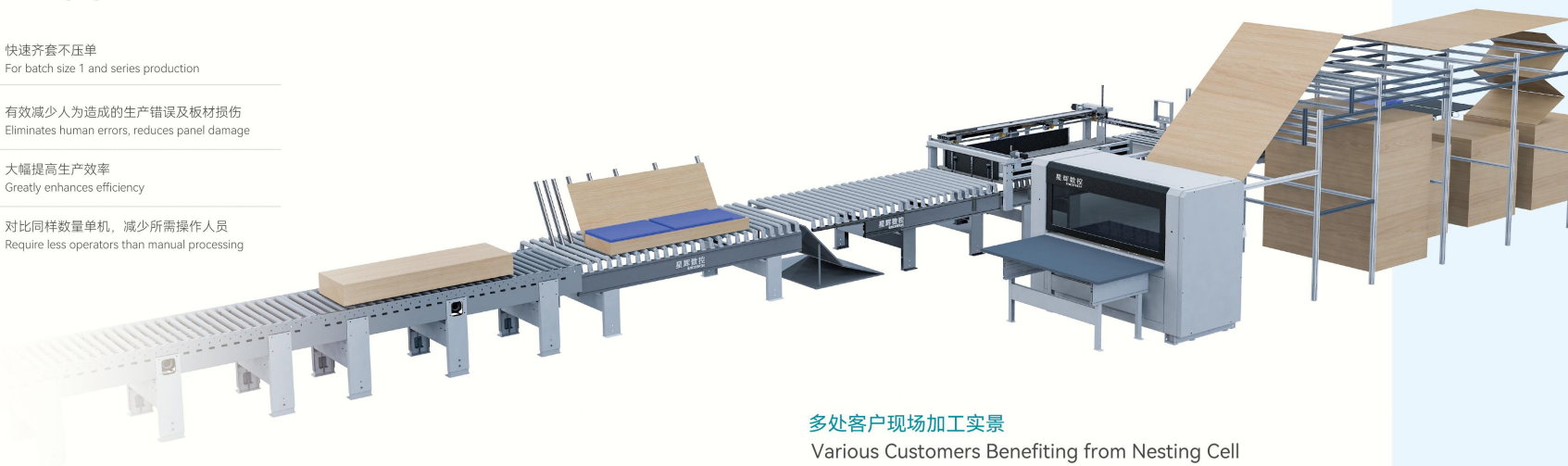


视频演示
星辉数控前后端一体化体系

智慧包装生产解决方案 Smart Packaging Solutions

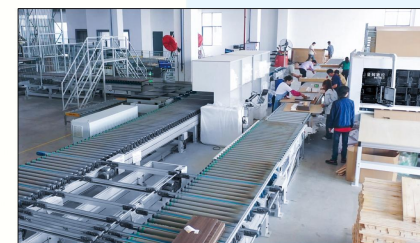
纸箱裁切机

同批次推进 Order-based	快速齐套不压单 For batch size 1 and series production
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
减省人工 Reduced Labor Cost	对比同样数量单机，减少所需操作人员 Require less operators than manual processing



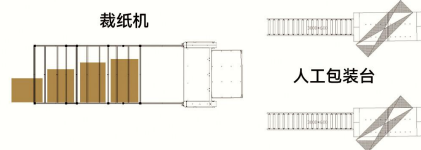
纸箱裁切机

多处客户现场加工实景
Various Customers Benefiting from Nesting Cell



Standard Packaging Solution

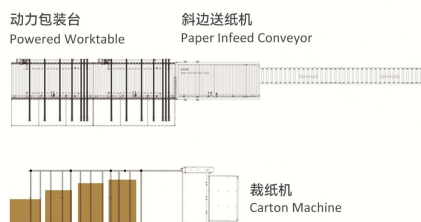
标准包装方案 二库/四库裁纸机



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

High-speed Packaging Solution

高速包装方案 裁纸机+动力包装线+送纸机



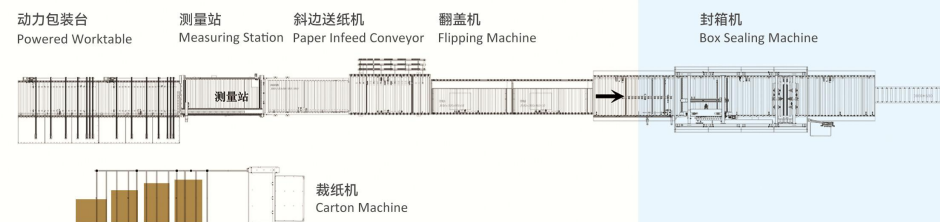
Single-side Packaging Solution

单边包装方案 裁纸机+送纸机



Smart Packaging Solution

智慧包装方案 裁纸机+测量站+送纸机+翻盖机+封箱机



EC3500 智慧纸箱裁切机 Smart Carton Machine

可处理型号
~6 6纸库 6 Magazine
~8 8纸库 8 Magazine

纸箱裁切机



Meet Exact and Every Demand

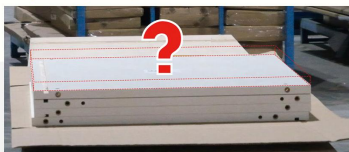


人靠衣装，柜子靠包装
Packages make the cabinets within, just as clothes make the man



对运输损坏的时间、物流、人力、材料浪费说不！
Properly packed packages protect parts from getting damaged.

星辉自研 齐套指示系统 Independently Developed



齐套指示系统，查漏补缺不漏包！
The machine comes with an integrated software that helps the user identify missing parts or packages.



杜绝浪费，降低成本
Package on demand, therefore less waste and less costs

EC2300 智慧纸箱裁切机 Smart Carton Machine

可处理型号
~2 2纸库 2 Magazine
~3 3纸库 3 Magazine
~4 4纸库 4 Magazine

纸箱裁切机



特别推荐
了解星辉裁纸机

星辉独有 What Makes Us SPECIAL?

星辉独有，不挑纸！

Our Special Advantage Work Well With All Kinds of Carton



原料灵活，不增加采购成本
Different feeding patterns



星辉自研，齐套查缺补漏！
齐套指示，包装同时查漏补缺，不漏包板件

EXCITECH Self-developed

The machine comes with an integrated software that helps the user identify missing parts or packages.



可做13mm厚窄箱
最小箱型尺寸80*60*13mm
Minimum carton size: 80*60*13mm

系列 Series	EC2300	EC3500
裁切最小箱型尺寸 Minimum Carton Size	80*60*13mm	250*110*12mm
裁切最大宽度 Maximum Width	1600mm	2800mm
裁切瓦楞纸厚度 Thickness	2-6.5 mm	2-6.5 mm
输送速度 Conveying Speed	60-120m/min	60-120m/min
裁切效率 Output	4-9个/min	4-10个/min
面对面最小刀距 Min. Package Height	13mm	12mm
背靠背最小刀距 Min Package Width	60mm	110mm
外形尺寸 Dimension	~4 9250*2300*2500mm ~2 6350*2300*2500mm	9600*3500*2500mm
工作台高度 Worktable Height	850mm	850mm

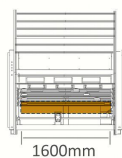
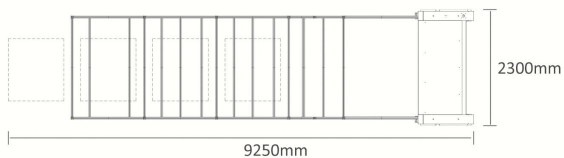
星辉独有

What Makes Us SPECIAL?

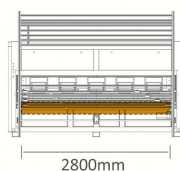
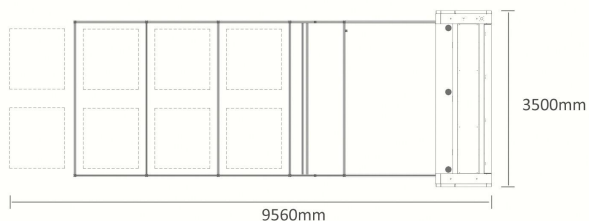
小身材，大吞吐量！

Our Special Advantage Compact Size, High Throughput.

EC2300-4 占地面积9250*2300mm，可加工1600mm宽的纸皮



EC3500-8 占地面积9560*3500mm，可加工2800mm宽的纸皮



自研送纸机构，不易卡纸

自动选择适合的纸库，省纸节材



Excitech specially designed mechanical structure prevents the carton from getting jammed.

The machine automatically selects the carton magazine so as to avoid excessive waste of material.

特殊材质特制专用刀

特制瓦楞纸专用刀，高速耐磨，不易卡纸

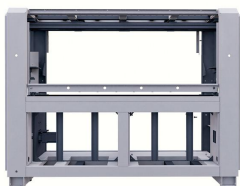


Specially Designed Tooling

Precision machined tooling made with special material is the guarantee of a much longer service life.

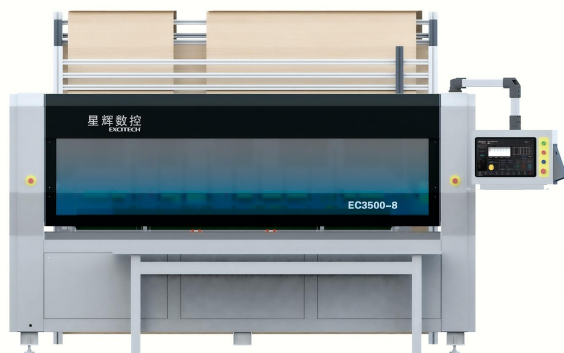
一体式重型床身

运行平稳，精度高

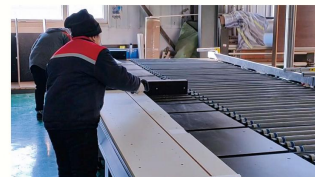


Unibody Gantry and Frame

Structurally strengthened frame guarantees stability over long service life.



加工方式 Processing Modes



扫码加工

Scan Barcode to Process

对接 (.csv) 拆单数据

Integratable with CSV data.

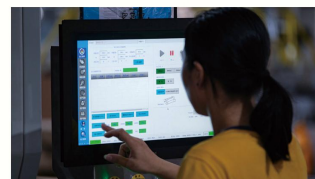


对接测量站

Integration with Measuring Station

组成智慧包装线

Integration with smart packaging solutions



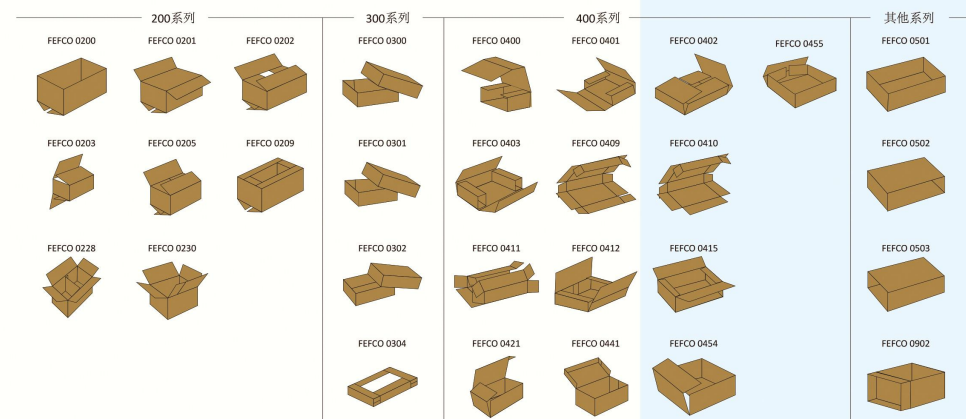
人工量尺

Measure Manually

手动输入，快速加工

Manually input data and start processing

可选箱型 SKUs



不同规模 星辉数控全屋定制生产解决方案

Reliable, affordable total solutions for all manufacturing sizes

标准

生产解决方案

产能: 200-250m²/8小时

80-100 sheets/8hr



EK直排开料机 P31
EK Nesting



EF583GI 封边机 P47
EF583GI Edgebanding



EHS六面钻 P59
EHS Six Sided Drilling

高效

生产解决方案

产能: 325-375m²/8小时

120-150 sheets/8hr



E4-B无尘开料机 P31
E4-B Nesting with Dust-free Processing



EF666G数控履带封边机 P45
EF666G Edgebanding



EHSW双钻包六面钻 P59
EHSW Six Sided Drilling

工程单

生产解决方案

产能: 900-1250m²/8小时

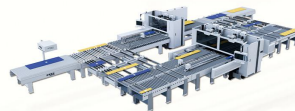
360-500 sheets/8hr



双推手后上料双梁电子锯 P35
Rear Loading Heavy Duty CNC Beam Saw



左右手封边单元 P39
Edgebanding Cell



数控排钻单元 P53
Drilling Cell

不同工艺 星辉数控全屋定制生产解决方案

For different applications/materials-Reliable, Affordable Total Solutions



蜂窝铝板 Aluminum Board Processing

生产解决方案



EP电子锯 P37
EP Panel Saw



EF666GA-PUR铝木一体封边机 P50
EF666GA-PUR Edgebanding



EHS六面钻 P59
EHS Six Sided Drilling



门墙柜一体 For Complex Processing/Craftwork

生产解决方案



E4高速无尘开料机 P29
E4 Nesting



斜直一体封边机 P50
EF583GX Edgebanding



高速全能钻 P57
All Purpose Six Sided Drilling



高定 For High-end Bespoke Applications

生产解决方案



E4高速无尘开料机 P29
E4 Nesting



EF688GP-LASER激光封边机 P43
Laser Edge Series



PTP复合加工中心 P65
E6PTP Working Center

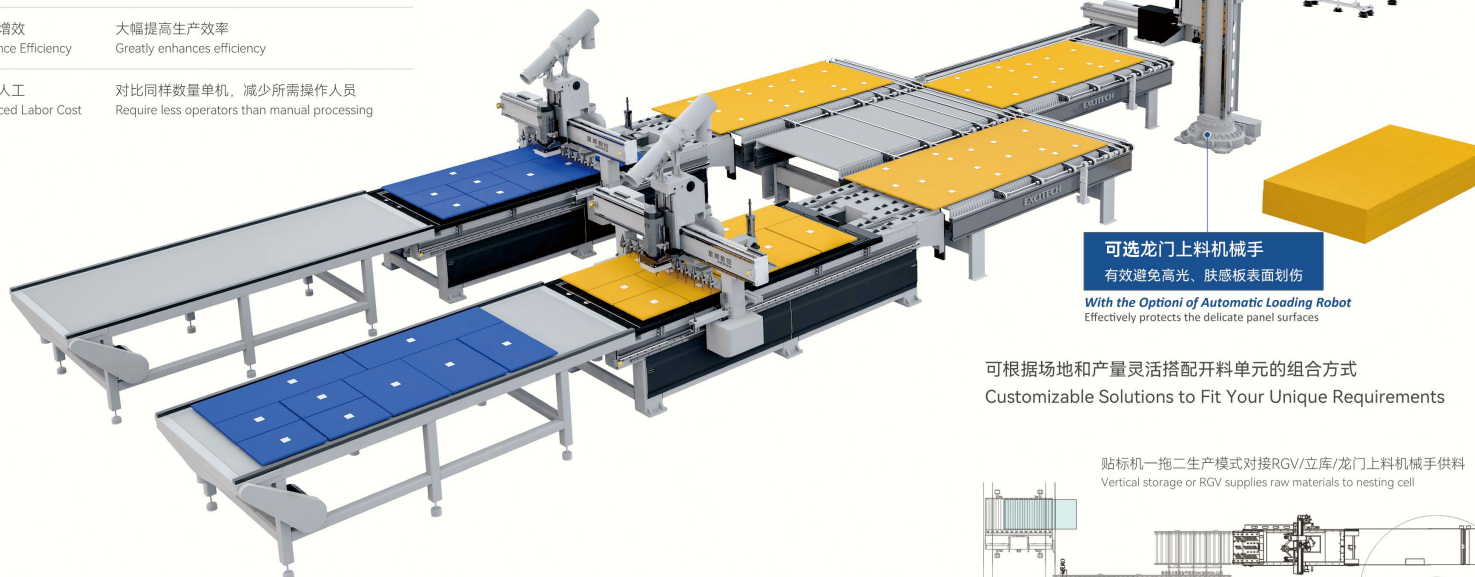
无尘数控开料单元 Nesting Cell

主机可选EK / E4-B / E4
EK / E4-B / E4 Optional

产能：2800-3800片/8小时
Output: 2800-3800 pcs/8hr

无尘开料机

同批次推进 Order-based	快速齐套不压单 For batch size 1 and series production
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
减省人工 Reduced Labor Cost	对比同样数量单机，减少所需操作人员 Require less operators than manual processing



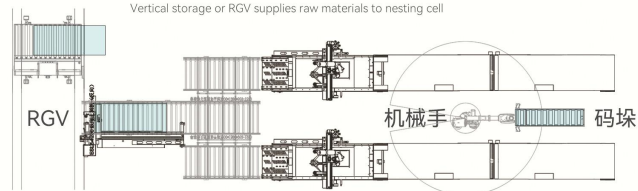
可选龙门上料机械手

有效避免高光、肤感板表面划伤

With the Option of Automatic Loading Robot
Effectively protects the delicate panel surfaces

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/龙门上料机械手供料
Vertical storage or RGV supplies raw materials to nesting cell



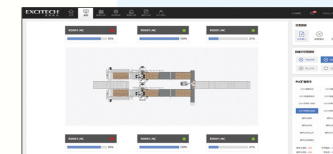
对接机械手码垛下料，多
单元联合作业，一人值守
Robot Stacking Optional
One operator, multiplied output

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



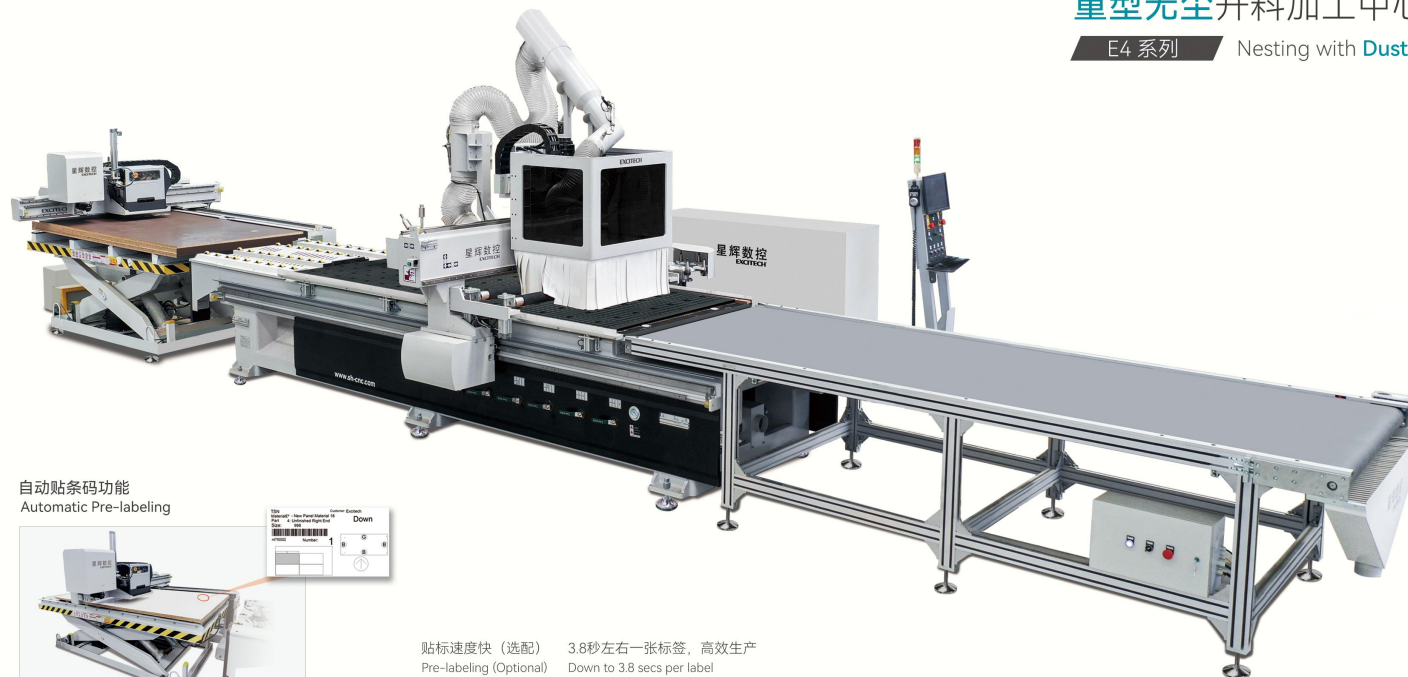
开料控制系统 Nesting Control System

根据批次生产，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

信息化管理，生产数据实时呈现，可对接中央数据大屏
Real time production data monitoring made possible with MES and central control system

无尘开料机



自动贴条码功能
Automatic Pre-labeling

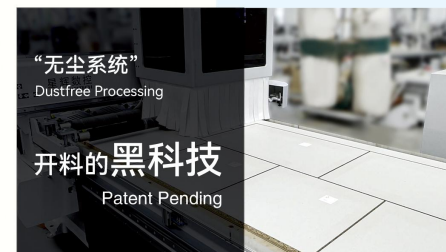


预先识别板材并将相应的条码自动粘贴到板材上
Pre-labeling before nesting further eliminates operator intervention during the work process and renders the whole cycle truly push-button-and-go.

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

重型无尘开料加工中心

E4 系列 Nesting with Dustfree Processing



“无尘系统”
Dustfree Processing

开料的黑科技
Patent Pending

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

E4 软体家具专用设备 (双工位带压轮)

Upholstery Furniture Production Double-Work Zone with Pressure Rollers



CAM+快速补板管理系统

CAM+Recut Management System

Optional

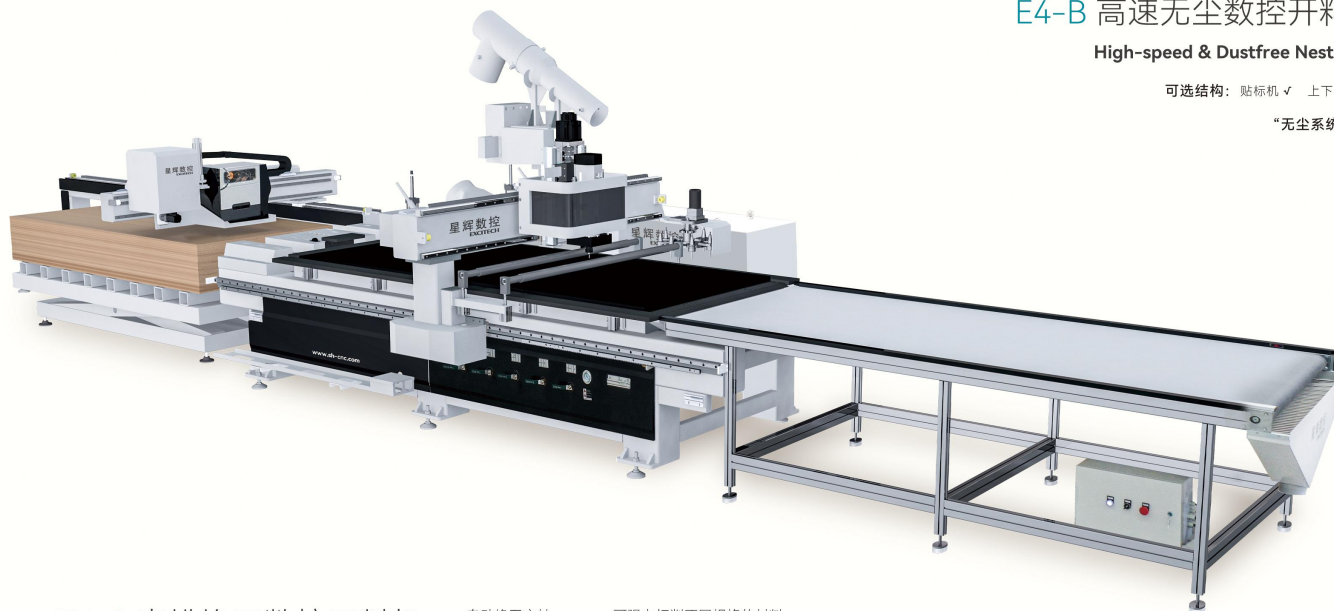
Extra Profits, Better ROI
助您抓紧全屋定制的两大利

红利

- 快速交付: 缩短齐套时间, 提升出货速度
- 余料利用: 余料可直接上机补板, 无需手推锯、无需出程序

- Faster delivery--stay ahead of your competitors
- Offcuts utilization is made simple and operator-friendly

- 通** 打通设计拆单数据及市面主流开料设备支持CSV/XML/MPR/EXCEL...
Supports the majority of design software and machinery used by market.
- 快** 高效排版, 支持设备快速画图生产; 不同花色、厚度、多原料混排
Up to Batch Size 1 production, truly order-based--unlimited colors, sizes, materials...
- 省** 采用国际先进算法, 板材优化利用率可达95%+
Advanced algorithms increase raw material utilization rate up to 95%.
- 利** 通过扫描标签、查询等方式, 充分利用现场余料生产, 助您余料变现
Handling of offcuts can be as easy as scanning the barcodes.



E4-B 高速无尘数控开料加工中心

High-speed & Dustfree Nesting CNC Machine

可选结构：贴标机 ✓ 上下料 ✓ 双工位 ✓ 单机 ✓

“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.

网红工艺
轻松拥有



牛角、火箭、内扣、半圆明月、
通体、U形拉手等工艺可在设备
上直接编辑，无需往返办公室

A wide variety of pull free handles
could be programmed and
processed directly on the machine.

EK-C 直排换刀数控开料机

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.



开料设备可选功能

Nesting Series Options



旋转贴标, 可根据板材尺寸及方向, 自动旋转标签方向, 适合窄板贴标
Rotating labeling device, automatically adjusts position to stick label on narrow parts



选配拉米诺锯片功能
Lamello Saw Optional



选配3.8s快速贴标系统, 实现高效生产
Pre-labeling down to 3.8 secs per label



选配垂直钻包功能
Drill Bank Optional



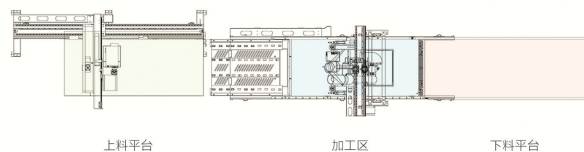
压辊结构, 可有效避免加工时因板材变形产生的位移、跑板
Roller hold-down device



选配制冷装置
Air Conditioner Optional

■ 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, infedding, nesting, outfeedding in one cycle to enhance productivity while reducing error



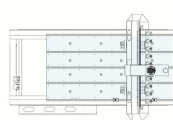
上料平台

加工区

下料平台

■ 标准结构 Standard

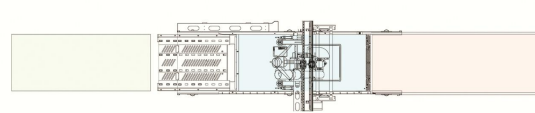
标准解决方案, 节省占地
Standard solution, small footprint



加工区

■ 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



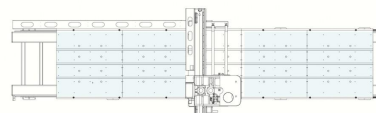
上料平台

加工区

下料平台

■ 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



加工区

加工区

开料设备技术参数

Nesting Series Technical Data

还有更多尺寸及机型可供选择, 可联系我们详细咨询!

Please contact our sales specialists for more information, Customized sizes available upon request.

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	3050x1550x50mm	11200x3500mm	6500kg								
1537	3700x1600x200mm	3700x1550x50mm	14400x3500mm	6800kg								
2128	2900x2160x200mm	2850x2130x50mm	11700x4100mm	6000kg								
2138	3860x2170x200mm	3800x2130x50mm	14000x4100mm	7100kg							35kW	
E4-B 标准型数控加工中心（贴标机） E4-B Series Standard Nesting Machine with Pre-Labeling												
1228	2900x1260x300mm	2850x1220x50mm	12450x2700mm	4500kg	100m/min	18-23m/min	15m/min	9kW 18000r/min	圆盘8刀库 Carousel 8	真空 吸附台面 Vacuum Table	30kW	Φ200*1 Φ150*1
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	80m/min	15-20m/min	15m/min	9kW 18000r/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（上下料） EK-C Series Linear Tool-changing Nesting Machine (Auto Loading and Unloading)												
1228	2900x1260x300mm	2850x1220x50mm	10000x2700mm	3000kg	80m/min	15-20m/min	15m/min	9kW 18000r/min	直排12刀库 Linear 12	真空 吸附台面 Vacuum Table	25kW	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	80m/min	15-20m/min	N/A	9kW 18000r/min	直排12刀库 Linear 12	真空 吸附台面 Vacuum Table	22kW	Φ150*1
1228	2900x1260x300mm	2850x1220x50mm	4200x2300mm	1800kg								
1530	3100x1600x300mm	3050x1530x50mm	4500x2600mm	2100kg								
2128	2900x2160x300mm	2850x2130x50mm	4200x3250mm	2300kg								

★产品不断升级改良, 当外观、配置与参数变更时, 均以实物为准
For specific machine configurations, please refer to your technical agreement

EPDH-P 双推手双梁后上料电子锯 Twin Pusher Rear Loading Beam Saw

双推手 ✓ 后上料 ✓ 双横梁 ✓
灯光指示 ✓ 叠切高度120mm ✓



独“锯”慧眼——灯光指示系统 Light Indication System



独有优势 Unique Advantage

自研电子锯灯光指示系统，灯光指引放板位置，小白1秒变大师！
High light guides the placement and size of the boards



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

双梁后上料
Rear Feeding Optional

双梁后上料功能，进一步提高产能
Rear feeding available upon request to increase output

叠板高度
Stack Height

可叠切加工120mm高度板材
Max. 120mm book-cutting

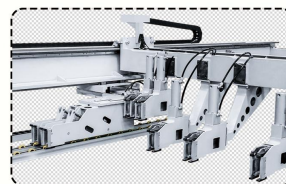
EPD 双推手系列电子锯 Twin Pusher Panel Saw Series

双推手 ✓ 灯光指示 ✓
叠切高度120mm ✓



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



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

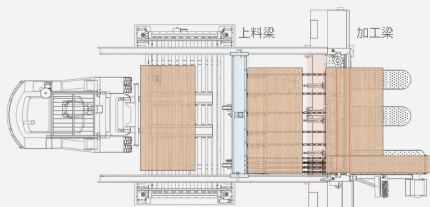
叠板高度
Stack Height

可叠切加工120mm高度板材
Max. 120mm book-cutting



双推手双梁后上料结构 Rear Feeding

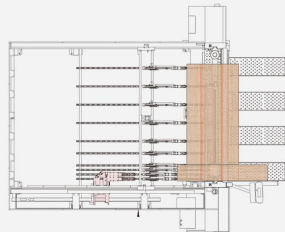
加工同时上料，工序不间断
Feeding while processing, unstopped work cycle



备料区 待料区 加工区

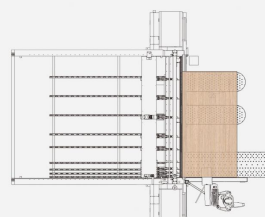
双推手结构 Twin Pusher

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



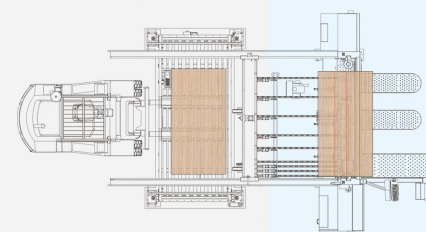
标准结构 Standard

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



后上料结构 Rear Feeding

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



EP 全自动电脑裁板锯

Panel Saw Series



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.

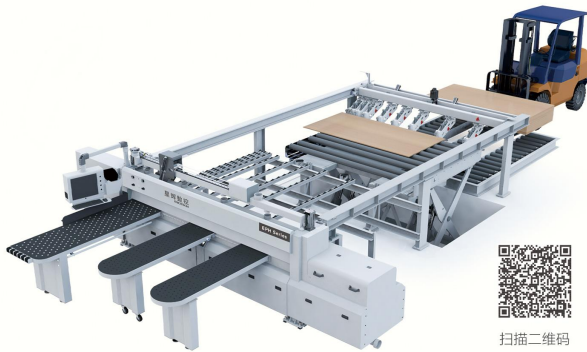
EPH 后上料电子锯

Rear Feeding Panel Saw Series



根据加工需求确定上升高度，提高生产效率。高精度伺服系统控制精度，磁栅尺执行精度补偿。

Automatically adjusts stack height to match processing requirements.
Servo-controlled feeding, magnetic ruler for precision compensation.



扫描二维码
了解更多信息

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.



伺服电机+磁尺高精度定位
Servo motor+magnetic guide for accurate positioning

我们的优势

What makes us SPECIAL

自主研发电子锯CAM优化软件

Independently Developed CAM Software

- 省** 优化利用率高、叠板率高，比同类软件省1-3张板/天
Save 1-3 sheets of panels each day with our optimization software
- 精** 采用国际算法，优化率高达96%+
96% optimization rate
- 通** 打通拆单数据与主流设备的桥梁，多种软件一键对接
Easy integration with all commonly used design softwares

客户一批次定制衣柜单生产数据：4247片

True manufacturing scenario : 4247 pcs

星辉电子锯CAM软件 EXCITECH PANEL SAW CAM		市面其他软件 Other Softwares
总用量 Total Number of Panels	495张	498张
优化率 Optimization Rate	96.1%	95.25%
叠板量 Book Cutting	叠切2.02，总裁切次数245次 2.02 (245 cuts)	叠切1.53，总裁切次数324次 1.53 (324 cuts)
优化时间 Optimization Time	115秒 115sec	153秒 153sec

减少 3张	提升 0.85%	减少 79次	提升 25%
板材用量	优化率	加工次数	优化时间

扫描二维码
查看比对详情



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	堆垛高度 Max Stack Height
EPDH-P双抓手双梁后上料电子锯系列 EPDH-P Series Twin Pusher Rear Loading Panel Saw													
380	3800x3800x120mm	12000x6350mm	8000kg	120m/min	18.5kW	450x60x4.8mm	2.2kW	180x45x 4.7-5.5mm	180L/min	38kW	Φ120*3 Φ150*2	1kW	1000mm
EPD双抓手电子锯系列 EPD Series Twin Pusher Panel Saw													
330	3300x3300x120mm	9200x5850mm	5650kg	120m/min	18.5kW	450x60x4.8mm	2.2kW	180x45x 4.7-5.5mm	180L/min	33kW	Φ120*3 Φ150*2	1kW	N/A
380	3800x3800x120mm	9350x6320mm	7500kg										
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	Φ120*3 Φ150*2	N/A	1000mm
330	3300x3300x120mm	8650x5840mm	6000kg										
380	3800x3800x120mm	9200x6350mm	6500kg										
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	Φ120*3 Φ150*2	N/A	N/A
330	3300x3300x120mm	7000x5820mm	5500kg										
380	3800x3800x120mm	7500x6300mm	5700kg										
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	Φ120*3	N/A	N/A
330	3300x3300x90mm	7300x6050mm	4300kg										
380	3800x3800x90mm	7800x6600mm	4600kg										

★产品不断升级改良，当外观、配置与参数变更时，均以实物为准

For specific machine configurations, please refer to your technical agreement

柔性封边单元 Edgebanding Cell

高速柔性
Intelligent and Extensible

不同颜色、封带同时上线生产
Flexible change-over of different edges

独有优势
EXCITECH Patent

端头5公分的窄板，可实现自动化生产
Automatic production of small parts ≥ 50 -250mm in width

产能：4500-6500片/8小时
Output: 4500-6500 pcs /8hr

产能：3000片/8小时
Output: 3000 pcs /8hr

封边单元

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

封边单元

星辉独有 What Makes Us SPECIAL?

高速柔性

不同颜色、大小、同板不同色均可上线加工
Changeover between glue tanks, different edges, corner round types and buffing unit.
Batch size 1 solution without compromising output.



140万次+/年

柔性加工 稳定切换
Stable performance even with 1.4 million times of changeover every year

5公分窄板自动化

全球首创，解决窄板自动化世界难题
Automatic production of small parts ≥ 50 mm in width



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.

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

软件+硬件，

我们做的更好

稳定高效

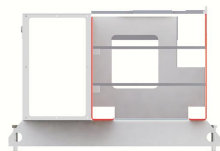
Longer Service Life, Greater ROI

高速生产的同时，保证了高标准的精度和稳定性

结构设计

Design

两侧板反折弯，增强床身纵向抗弯强度
加强筋拉紧，增强床身横向抗弯强度
Structurally strengthened frame guarantees stability over long service life



结构工艺

Procedures

床身退火，释放应力
整机铣平为16mm厚原板，找平基准面
一体式全焊接床身，应力均匀，二十年不变形
The unibody welded frame is annealed, heat-treated and machined



结构稳定

Stability

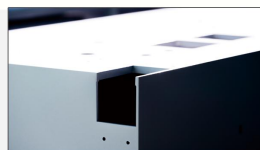
铝导轨、铝压梁全部采用航空铝
钢材全部采用大型原厂钢
Aero-aluminum and god quality steel ---only the best raw materials for the best performance



数控理念

Accuracy

数控工艺，高精一体床身
采用CNC一刀成型技术，床身通程精度
±0.2mm
CNC machined frame



精控升级

Control

精控升级
齐头、跟踪单元精控升级，通过编码器控制，反应速度快并提高整体封边效果
Upgraded encoder control of snipping and corner round unit increases work efficiency and effect.



自主研发

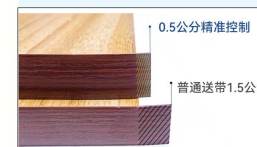
Independently Developed Units

全球技术实力---自主研发核心部套及控制系统

数控精准送带

Servo Edge Feeding

送带精准，1年可节省封带损耗5万+
Precise edge infeed effectively reduces edging material waste -- save \$8000 and more every year!



无尘预铣

Dust Free Pre-milling

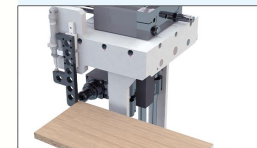
加大离心力以提高抽气量，顺利排出粉尘，提高吸尘效果，实现预铣“无尘”



数控跟踪

Servo Corner Trimming

数控控制精准倒角不易伤板



Produce with Intelligence

智能操控

人机交互应用

多终端可视化生产数据，实时掌握
生产状态
Interactive and intuitive operation

设备状态监控

生产数据及设备状态分析、统计、
预计提升
Cell control and machine monitoring
(display of production data, machine occupation, error message, troubleshooting, etc. and solutions)

柔性作业

扫码识别不同工艺需求，实现多种功能切换
及数据交互
Batch size 1 and order-oriented (automatic component identification via barcode)

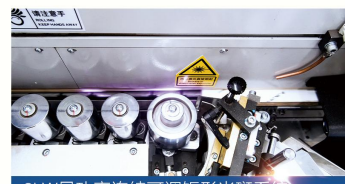
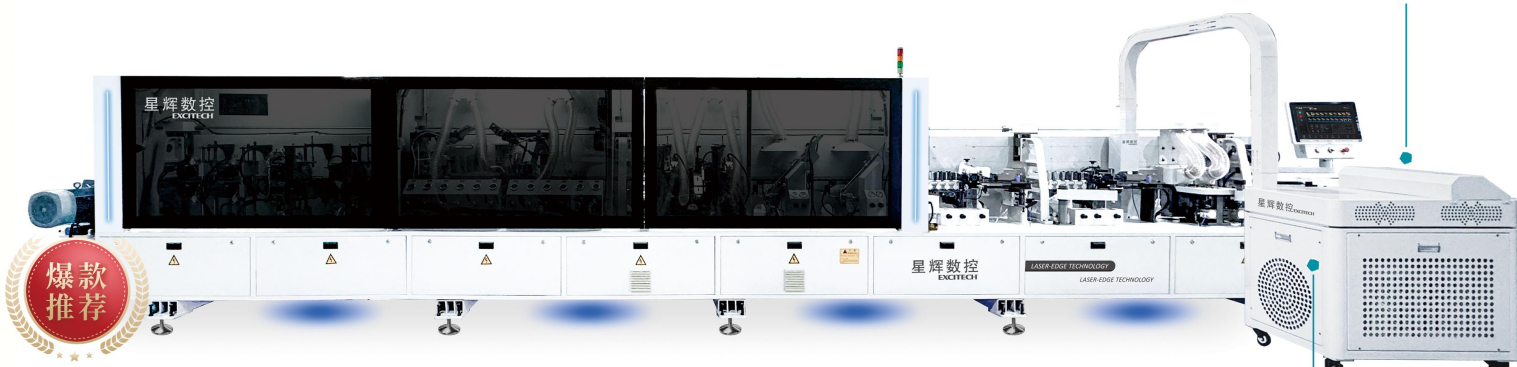
深度定制化

人性化操作，可拓展性强
Tailored to fit---your solution



激光封边机系列

Laser Edgebanding Technology



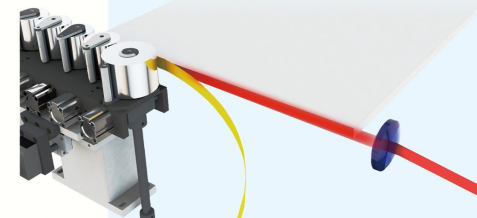
3kW足功率连续可调矩形光斑系统
受热均匀，无扫描盲区，连续可调
Rectangular Spot System
The edge is heated evenly

水冷却系统 Water Cooling System

有效延长激光头使用寿命
Service life of the laser generator is greatly prolonged.

好封边，星辉零胶线！

采用半导体光纤耦合输出激光器，通过矩形光斑系统将激光聚焦到封边带胶层，美观无缝，告别胶线！



EDGEBANDING WITH INVISIBLE GLUE JOINT
Semiconductor fiber coupled laser generator guides the laser beam onto the edge through a rectangular spot system.

激光封边机

EF688GP-LASER 3kW矩形激光封 | 钢导轨+钢压梁 | 自研新款重型跟踪单元
Rectangular Spot System | Steel Rail Structure + Steel Top Pressure Beam | Heavy Duty Corner Trimming Unit

前喷雾 → 预铣 → 预热灯 → 激光封 → 送带 → 压贴 → 上涂胶 → 送带 → 压贴 → 三电机齐头 → 精修1 → 精修2
Spray Separate Agent Pre Milling Pre Heating Laser Edging Infeed Pressure Rollers Top Melt Gluing Infeed Pressure Rollers 3 Motors End Cutting Fine Trimming Fine Trimming

→ 重型四刀跟踪 → 刮边1 → 刮边2 → 大平刮 → 后喷雾 → 往复式抛光1 → 往复式抛光2
Heavy-duty Corner Rounding with 4 Motors Scraping Scraping Heavy-duty Flat Scraping Spray Clean Agent Buffing*1 Buffing*2



钢导轨+钢压梁

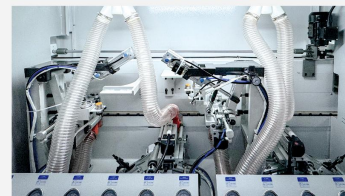
Steel Rail Structure + Steel Top Pressure Beam



上胶锅+激光封

Top Glue Station+Laser

可使用EVA或对接PUR熔胶机构，方便灵活
Convenient and flexible to connect with EVA or PUR glue station



自研重型四刀跟踪单元

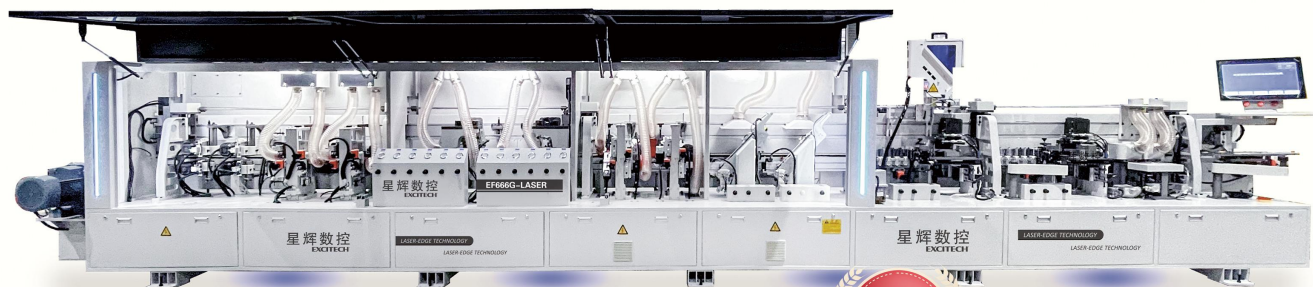
Heavy Duty Corner Trimming Unit

一体式折弯摆臂，精控升级，提升效果同时保证稳定性

数控高速封边机系列——履带封边机 门板利器

High Speed Edgebanding Technologies

Perfect for Doors



EF666G

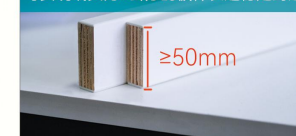
双精修双刮边 | 双上胶锅 | 三电机齐头 | 高速履带

Double Fine Trimming + Double Scraping | Double Top Glue Pots | End Trimming with 3 Motors | High Speed V-belt Top Pressure Sliding Chain



独有优势 Unique Advantage

可实现端头为5公分的板件长边稳定封边



Designed to process long, narrow (≥50mm) parts

双精修+双刮边

Double Fine Trimming + Double Scraping



高速封边机

前喷雾 → 预铣 → 预热灯1 → 上涂胶1 → 送带1 → 压贴1 → 预热灯2 → 上涂胶2 (快速熔胶) → 送带2 → 压贴2 → 单电机齐头 → 双电机齐头 → 精修1 → 精修2 → 四刀跟踪 → 刮边1 → 刮边2 → 重型大平刮 → 后喷雾 → 抛光1 → 抛光2

Spray Separate Agent → Pre Milling → Top Hotmelt1 → Tape Magazine1 → Pressing1 → Pre Heating 2 → Top Hotmelt 2 → Tape Magazine 2 → Pressing 2 → End Trimming with 3 Motors → Fine Trimming 1 → Fine Trimming 2 → Corner Rounding with 4 motors → Scraping 1 → Scraping 2 → Heavy-duty Flat scraping → Spray Clean Agent → Buffing*2



EF666J

粗修+精修+刮边 | 四电机仿形跟踪 | 高速履带

Rough + Fine Trimming + Scraping | Corner Rounding with 4 Motors | High Speed V-belt Top Pressure Sliding Chain



三电机齐头单元

End Trimming with 3 Motors



在高速运行时依然可对端头进行稳定封边
Stable Performance Even at High Speed

前喷雾 → 预铣 → 预热灯1 → 上涂胶1 → 送带1 → 压贴1 → 预热灯2 → 上涂胶2 (快速熔胶2) → 送带2 → 压贴2 → 单电机齐头 → 双电机齐头 → 粗修 → 精修 → 四刀跟踪 → 刮边 → 重型大平刮 → 后喷雾 → 抛光1 → 抛光2

Spray Separate Agent → Pre Heating 1 → Bottom Hotmelt 1 → Tape Magazine 1 → Pressing 1 → Pre Heating 2 → Top Hotmelt 2 → Tape Magazine 2 → Pressing 2 → End Trimming with 3 Motors → Rough Trimming → Fine Trimming → Corner Rounding with 4 motors → Scraping → Heavy Duty Flat Scraping → Spray Clean Agent → Buffing*2

EF666W 重型四跟踪窄板封边机

Heavy-duty 4 Motors Corner Rounding Edgebanding for Narrow Part

独有优势 Unique Advantage

可实现端头为4公分的板件稳定封边



Designed to process narrow(≥40mm) parts

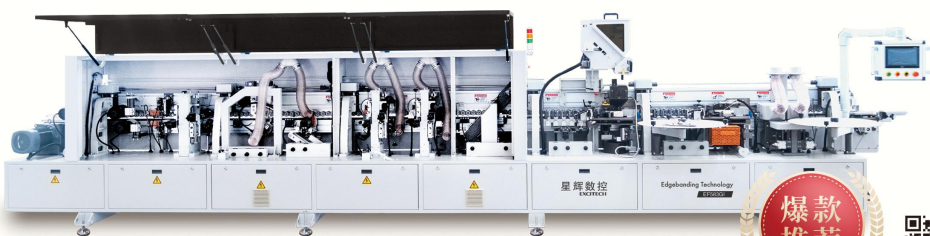


EF666W 双精修双刮边 | 双上胶锅 | 四刀跟踪

Double Fine Trimming + Double Scraping | Dual Top Glue Pot with Quick Melt

前喷雾→预铣→预热灯1→上涂胶1→送带1→压贴1→预热灯2→上涂胶2（快速熔胶2）→送带2→压贴2→单电机齐头→双电机齐头→精修1→精修2→重型四刀跟踪→刮边1→刮边2→重型大平刮→后喷雾→抛光1→抛光2

Spray Separate Agent→ Pre Heating 1→ Bottom Hotmelt 1→ Tape Magazine 1→ Pressing 1→ Pre Heating 2→ Top Hotmelt 2→ Tape Magazine 2→ Pressing 2→ End Trimming with 3 Motors→ Fine Trimming 1→ Fine Trimming 2→ Heavy-duty Corner Rounding with 4 motors→ Scraping 1→ Scraping 2→ Flat scraping→ Spray Clean Agent→ Buffing*2



EF583GI 上胶锅（快熔）+下胶锅 | 仿形跟踪

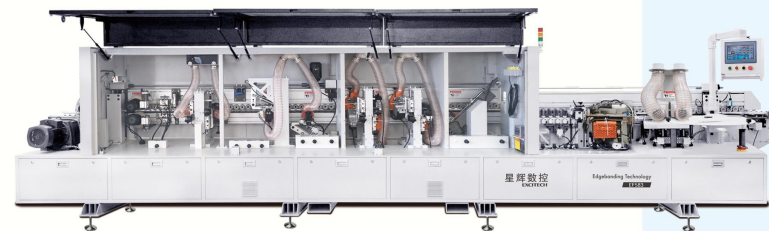
Top Glue Pot with Quick Melt + Bottom Glue Pots | Corner Rounding

前喷雾→预铣→预热灯1→下涂胶1→送带1→压贴1→预热灯2→上涂胶2（快速熔胶2）→送带2→压贴2→齐头→粗修→精修→二刀跟踪→刮边→平刮→后喷雾→抛光1→抛光2

Spray Separate Agent→ Pre Heating 1→ Bottom Hotmelt 1→ Tape Magazine 1→ Pressing 1→ Pre Heating 2→ Top Hotmelt 2→ Tape Magazine 2→ Pressing 2→ End Trimming→ Rough Trimming→ Fine Trimming→ Corner Rounding with 2 motors→ Scraping→ Flat scraping→ Spray Clean Agent→ Buffing*2

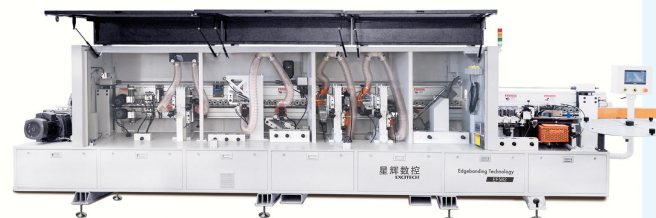
EF583全自动直线封边机

EF583 Edge Banding with Pre Milling and Corner Trimming



预铣 > 涂胶 > 压贴1 > 前后齐头 > 粗修 > 精修 > 仿形跟踪 > 刮边 > 抛光
Pre Milling > Gluing > Pressing1 > End Trimming > Rough Trimming > Fine Trimming > Corner Trimming > Scraping > Buffing

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



涂胶 > 压贴1 > 前后齐头 > 粗修 > 精修 > 仿形跟踪 > 刮边 > 抛光
Gluing > Pressing1 > End Trimming > Rough Trimming > Fine Trimming > Corner Trimming > Scraping > Buffing

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

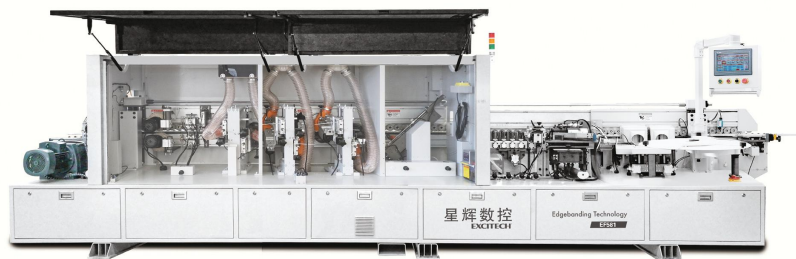


涂胶 > 压贴1 > 前后齐头 > 粗修 > 精修 > 抛光
Gluing > Pressing1 > End Trimming > Rough Trimming > Fine Trimming > Buffing

-W30 窄条封边机系列

可选机型: EF581W30\EF580W30

Narrow Parts Edge Banding

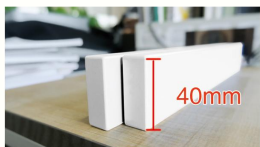
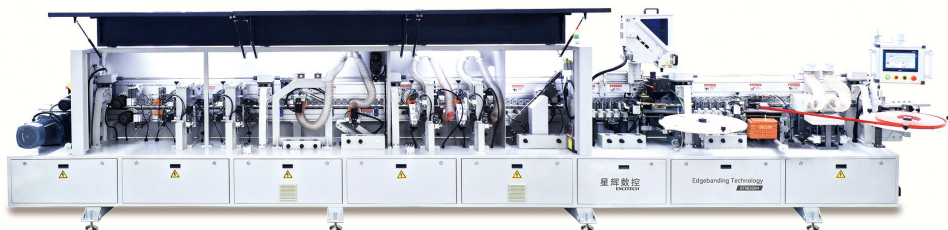


W30窄条封边机 适合宽度为30mm窄板的长边加工
Designed to process long, narrow($\geq 30\text{mm}$) parts

-W 端头封边机系列

Narrow Parts Edge Banding

可选机型: EF666W / EF583GIMW / EF583GIW / EF583GW / EF583W / EF582W



窄板辅助轮
Small part infeed rollers



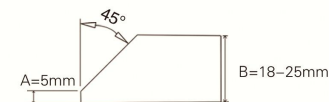
窄板辅助进料装置
Small part infeed pusher

EF583GX全自动直线封边机(斜直一体封边机)

Straight and Slanted Edge



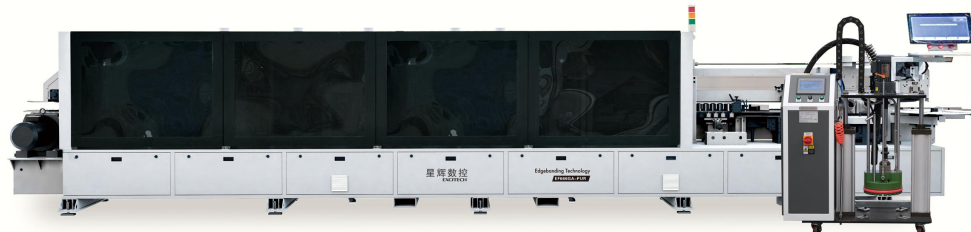
适合斜边门板、斜角拼接柜体等工艺
Perfect for making slanted edges



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

EF666GA-PUR 蜂窝铝板/木板一体封边机

Edgebander for Aluminum Board Processing



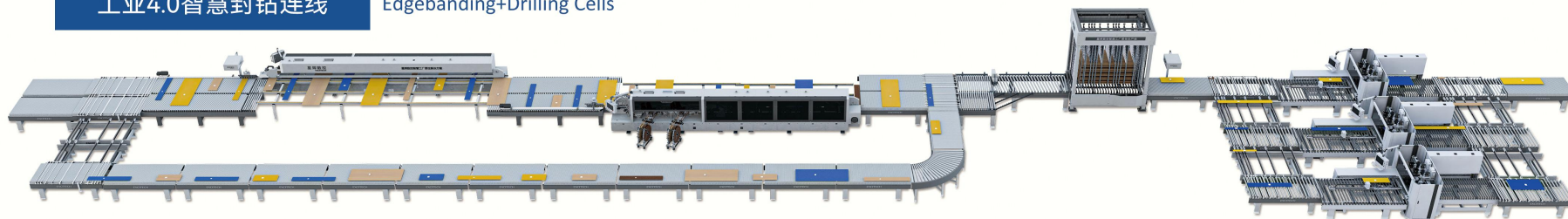
皮带压贴
Belt pressure zone



专用预铣刀
Special pre-mill tooling

工业4.0智慧封钻连线

Edgebanding+Drilling Cells



可选功能 Options



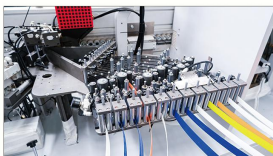
PUR功能可使板件封边后更牢固，具有防水、防潮性
PUR adhesive melting unit available for water-proof and zero joint requirements



双色免清洗PUR胶锅
Easy to clean PUR glue reservoir is optional



胶轴自动清屑功能，回胶自动关胶门并除屑
(特别适用于刨花板，颗粒比较多)
PUR adhesive melting unit available for water-proof and invisible joint requirements



2/4/6/12通槽伺服换带，独特的导带机构设计，不易卡带，伺服驱动，精准送带
2/4/6/12 slot servo tape magazines available for upgrade. Smooth guidance, servo driven, the edge infeed is both precise and swift.



铰链孔、合页孔避让装置(粗修/精修/刮边)
Panel with hinge holes can be processed as well with this special device



单机封边回转线，实现1人操作并提高加工效率
Edgebander with return conveyors, greatly helps reducing down time while improving productivity



选配自动补胶机构
Automatic glue refill device available



上开槽、下开槽、水平开槽功能，可独立控制拉槽深度
Top, bottom and side grooving available



选配电子安全锁装置
Safety lock available

设备参数 Technical Data

还有更多尺寸及机型可供选择，可联系我们详细咨询！
For specific machine configurations, please refer to your technical agreement

系列 Series	外形尺寸 Dimension	总功率 Power	净重 Net. Weight	加工速度 Working Speed	工件厚度 Panel Thickness	可加工最小端头尺寸 Panel Width	工件长度 Panel Length	封边带厚度 Edge Thickness	封边带宽度 Edge Width
激光封边机系列 Laser Edgebanding Technology									
688GP-LASER	10750*1800*970mm	38kW	6000kg	20-26m/min	9-60mm	≥80mm	≥200mm	0.4-3mm	13-65mm
666G-LASER	10750*1800*970mm	38kW	4000kg	20-26m/min	9-60mm	≥80mm	≥200mm	0.4-3mm	13-65mm
6系重型高速封边机 EF6 Series High Speed Edge Bander									
EF688GP	10750*1800*970mm	35kW	6000kg	20-26m/min	9-60mm	≥80mm	≥200mm	0.4-3mm	13-65mm
EF666G	10750*1800*970mm	35kW	4000kg	20-26m/min	9-60mm	≥80mm	≥200mm	0.4-3mm	13-65mm
EF666J	10750*1800*970mm	35kW	4000kg	20-26m/min	9-60mm	≥80mm	≥200mm	0.4-3mm	13-65mm
EF666W	10750*1800*970mm	35kW	4000kg	20-26m/min	9-60mm	≥40mm	≥120mm	0.4-3mm	13-65mm
5系压轮封边机 EF5 Series Edgebander Machine									
EF583GIM	8950*1600*900mm	25kW	3150kg	18-24m/min	9-60mm	≥60mm ≥40mm	≥120mm ≥250mm	0.4-3mm	13-65mm
EF583GI	8950*1600*900mm	25kW	3300kg	18-24m/min	9-60mm	≥60mm ≥40mm	≥120mm ≥250mm	0.4-3mm	13-65mm
EF583G	8950*1600*900mm	24kW	3150kg	18-24m/min	9-60mm	≥60mm ≥40mm	≥120mm ≥250mm	0.4-3mm	13-65mm
EF583	7300*1600*900mm	19kW	\	18-24m/min	9-60mm	≥60mm ≥40mm	≥120mm ≥250mm	0.4-3mm	13-65mm
EF582	6700*1600*900mm	14kW	\	18-24m/min	9-60mm	≥60mm ≥40mm	≥120mm ≥250mm	0.4-3mm	13-65mm
EF581	4960*1600*900mm	17kW	\	18-24m/min	9-60mm	≥60mm ≥40mm	≥120mm ≥250mm	0.4-3mm	13-65mm
EF580	4460*1600*900mm	13kW	\	18-24m/min	9-60mm	≥60mm ≥40mm	≥120mm ≥250mm	0.4-3mm	13-65mm

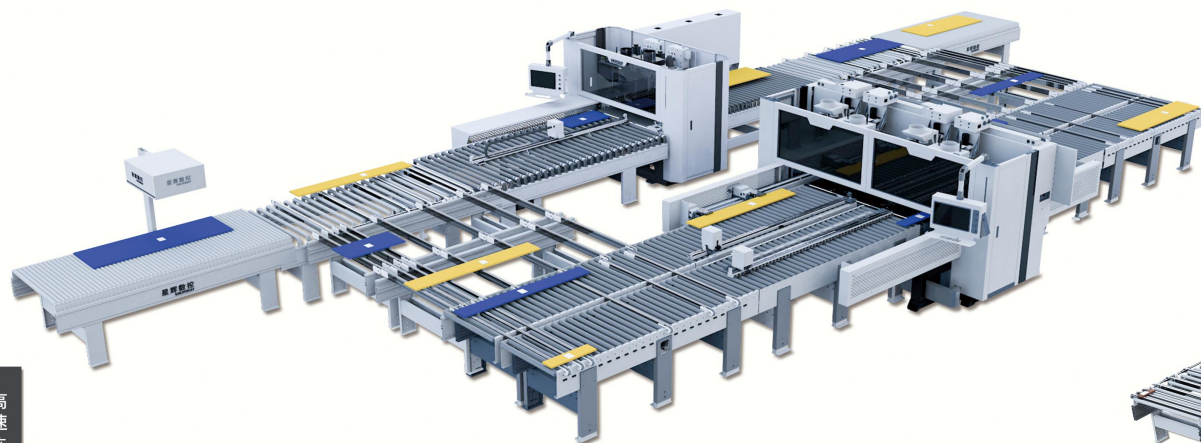
★ 产品不断升级改良，当外观、配置与参数变更时，均以实物为准
Please contact our sales specialists for more information, Customized sizes available upon request.

数控排钻单元 Drilling Cell

单双工位两机连线

产能：3400-3800片/8小时

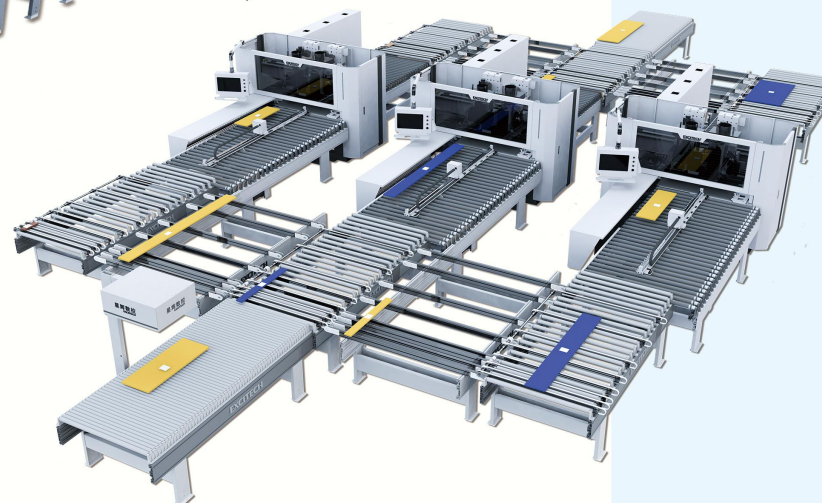
Output: 3400-3800 pcs /8hr



单工位三机连线

产能：3000-4000片/8小时

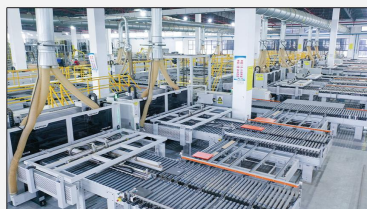
Output: 3400-3800 pcs /8hr



扫描二维码
了解更多详情

根据客户产能、工艺需求，自由组合搭配连线方式与数量

Available in different scenarios for your specific needs



双工位六面钻加工中心

EHS-2T Double Work Zone 6-sided Drilling Machine



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 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

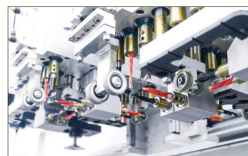
钻包结构

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



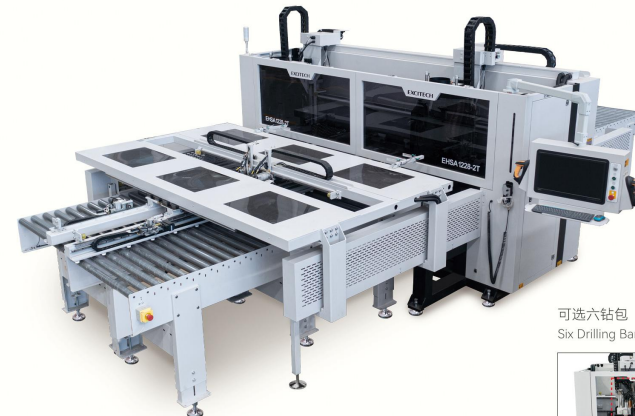
可选自动换刀功能

Auto tool changer optional

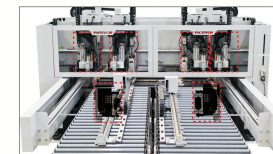
双工位通过式六面钻加工中心

可选4钻包或6钻包
4 drill banks or 6 drill banks optional

EHSA-2T Double Work Zone Throughfeed 6-sided Drilling Machine



可选六钻包
Six Drilling Banks Optional



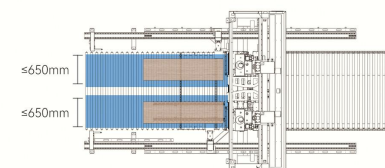
六钻包可进一步提高加工效率
Six drilling banks, greater efficiency

独有优势 Unique Advantage

大小板件智慧分配，加工前无需人工挑选

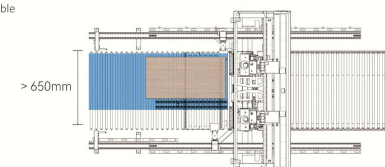
≤650mm宽度板材可双工位同时加工

Parts under 650mm can be processed on two tables simultaneously



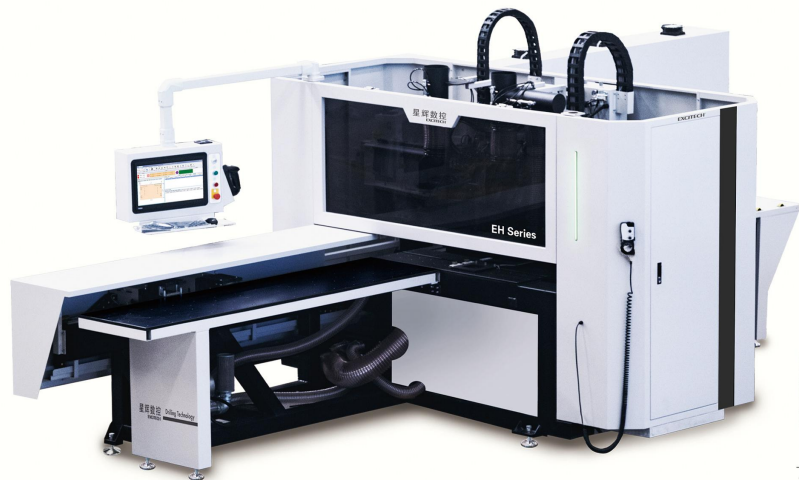
> 650mm宽度板材单工位双钻包加工

Parts above 650mm can be processed with both drill banks on one table



数控全能钻加工中心

All-purpose 6-sided Drilling Machine



扫描二维码
了解更多详情
Scan to learn more

高速六面钻

隐形拉手生产解决方案

Pull Free Handle Processing

更符合工艺流程的免拉手解决方案，牛角、火箭、外矩形、内矩形、半圆、内圆、通体、U形拉手一键生产

门墙柜一体生产解决方案

For Complex Processing / Craftwork

可实现灯线槽、收口条、海棠角等多种门墙柜工艺

高定工艺解决方案

For High-end Bespoke Applications

拉米诺、木得易、乐扣、拉直器、天地铰链、压贴门门锁、隐形门把手等

自动换刀结构

Automatic Tool-change Structure



四刀库自动换刀
4 Tool Changers



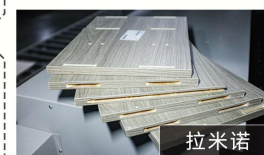
六刀库自动换刀带四面侧铣功能
6 Tool Changers with all-purpose aggregate



可选360°旋转刀头

实现工艺

Flexible tool changing allows for versatile processing such as lamello and other invisible fittings



拉米诺



灯带槽



拉直器



三合一



天地铰链



木得易



乐扣件



闭门器



合页槽



门锁孔

高速六面钻

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



特别推荐
了解高速六面钻

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

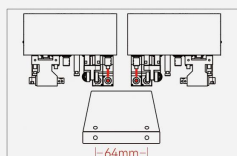
最小可加工板件宽度为30mm
Ability to process board as small as 30mm

独有优势 Unique Advantage

孔间距 $\geq 64\text{mm}$ （垂直+水平）同时启动双钻包，钻包利用率92%+



Holes with a spacing of 64mm (both vertical and horizontal directions) are processed with one stroke, featuring high utilization rate of 92% of both drill banks.



一体式焊接床身，一次加工成型，精度保持性好，落地即生产，无需拆装
Unibody frame—unpack and ready to produce

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

EHSW Throughfeed 6-sided Drilling Machine



自动进料结构 Automatic In-feed Structure



自动拔料定位，无需人工操作，生产同时待加工板材提前拔料定位，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

可选功能 Options



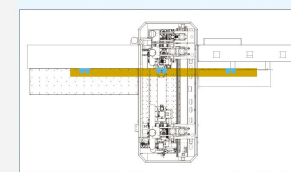
可选双下主轴，提高加工效率的同时，提高拉直器等垂直槽的开槽精度

With the option to upgrade to two spindles on the bottom, this machine is able to work with more efficiency as well as greater grooving precision



可选气浮抓手，有效避免划伤板材表面

Option to upgrade to air float grippers. More suitable for delicate surfaces

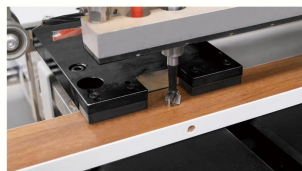
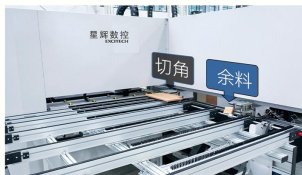
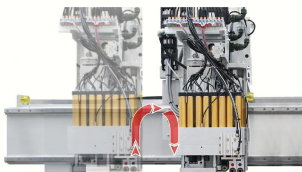


可选三抓手，加工长板件更稳定

Option to upgrade to 3 grippers to deliver better hold for long workpieces

星辉专有优势 软+硬件一体化的全套解决方案

What makes us SPECIAL We supply integrated solutions including softwares



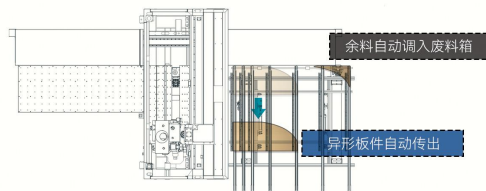
自研CAM优化软件，整机综合效率提升 35%

Independently Developed CAM Software
35% Efficiency Bonus Compared to Peer Machines

- 算法提升路径行径方式，优化避让动作，实现高效加工
Optimized algorithms and dodging movements

- 为钻孔效率特别定制蛙跳式算法
New algorithms enable drill banks and clamps to move in a "frog leap" fashion

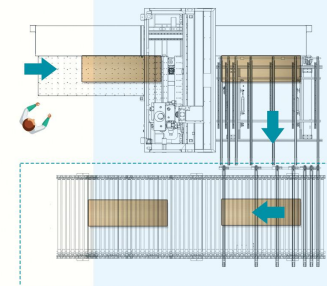
- 独有异形余料处理** 切角废料单独送出，自动掉落废料箱内，避免砸伤钻坑，无需人工拿取
Unique advantage of Excitech--offcuts are clamped and transported to waste bin without the risks of hitting the bottom drill bank and human intervention.



- 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

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



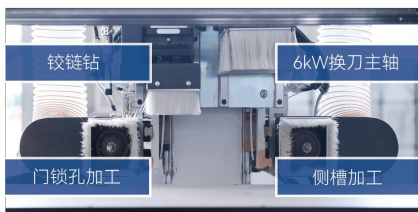
★ 产品不断升级改良，当外观、配置与参数变更时，均以实物为准

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	
EH全能六面钻 All Purpose Six Sided Drilling Machine												
1228	5300x1750x150mm	2800x1200x50mm	70x30x10mm	5900x3300mm	3300kg	130/80/30m/min	垂直钻 21 (12顶+9底) 水平钻 8 Vertical 21+Horizontal 8	6 kW*2 2.2kW*2	气浮台面 夹钳 Air Table Clamps	26kW	Φ150*3	
EHSW-C自动换刀双钻包六面钻 EHSW-C Six Sided Drilling Machine with Automatic Tool-changers												
1228	5300x1750x150mm	2800x1200x50mm	70x30x10mm	5900x2800mm	3100kg	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	26kW	Φ150*3	
EHSAW双钻包通过式六面钻 EHSAW Six Sided Drilling Machine												
1228	5300x1750x150mm	2800x1200x50mm	200x50x16mm	7300x2800mm	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	Φ150*3	
EHSA单钻包通过式六面钻 EHSA Six Sided Drilling Machine												
1228	5300x1750x150mm	2800x1200x50mm	200x50x16mm	7300x2600mm	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	Φ150*2	
EHSW双钻包六面钻 EHSW Six Sided Drilling Machine with Double Drilling Banks												
1228	5300x1750x150mm	2800x1200x50mm	70x30x10mm	5900x2800mm	3100kg	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	Φ150*3	
EHS单钻包六面钻 EHS Six Sided Drilling Machine												
1228	5300x1750x150mm	2800x1200x50mm	70x30x10mm	5900x2600mm	3000kg	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	Φ150*2	
EHS-2T手动送料双工位六面钻（四钻包） EHS-2T Double Work-zone Six Sided Drilling Machine												
1228	5300x2630x150mm	2800x1200x50mm	70x30x15mm	5900x3700mm	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	Φ150*4	
EHSA-2T自动送料双工位六面钻（六钻包） EHSA-2T Double Work-zone Six Sided Drilling Machine												
1228	5300x2630x150mm	2800x1200x50mm	200x50x15mm	7300x3700mm	8000kg	130/80/30m/min	垂直钻 66 (48顶+18底) 水平钻 32 Vertical 66+Horizontal 32	3.5kW*4	气浮台面 夹钳 Air Table Clamps	34kW	Φ150*6	
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 24000/min	吸附条 + 吸附块 Pods+Rail	22kW	Φ150*1
1252	5550x1640x250mm	5200x1260x100mm	320x60 mm	7270x3060mm	6500kg							

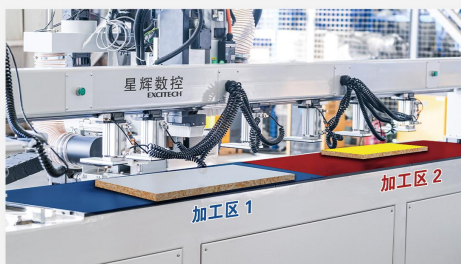
EMD 门板柜体复合钻铣中心

Composite Horizontal Drilling

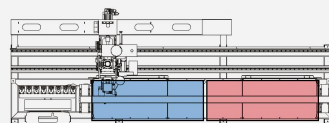


多元化加工 Versatile Functions	功能广泛, 可实现铣削、打孔、切割、侧铣等 Routing, drilling, cutting, side-milling, etc.
多工位 Double Work Zone	加工时可进行上下料, 无怠工时间 Non-stop work cycle
对接灵活 Flexible integration	支持XML/MPR/DXF等多种加工文件 including XML/MPR/DXF...
可选功能 Option to add an aggregate	45°拉米诺加工 (角度头) to process 45° workpiece

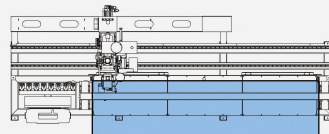
注: 图片仅为示意, 部分功能为选配, 请与我司销售工程师确定工艺与机型
Note: Image is for illustration only. Some features are optional. Please confirm processes and models with our sales engineers.



小板 ($\geq 200 \times 80 \text{mm}$) 双工位加工



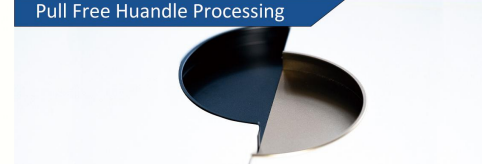
长板 ($\leq 2800 \text{mm}$) 单工位加工



隐形拉手生产解决方案

牛角、火箭、外矩形、内矩形、半圆、U形等隐形拉手一键生产

Pull Free Handle Processing



高定工艺生产解决方案

拉米诺、木得意、乐扣、天地铰链、闭门器等高定工艺

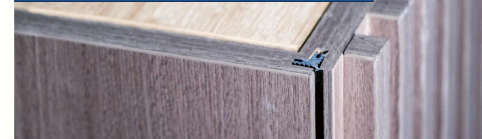
High-end Bespoke Applications



门·墙·柜一体生产解决方案

灯线槽、收口条、海棠角等多种门墙柜工艺

For Complex Processing / Craftwork



门板生产解决方案

拉米诺、木得意、乐扣、拉直器、天地铰链、压贴门锁、隐形门把手等

Cabinet-door Processing



特别推荐

门板柜体钻铣中心

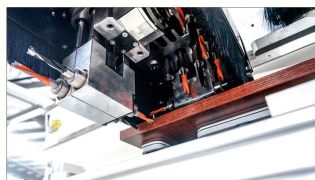
E6 数控排钻加工中心 (PTP)

PTP Work Center



特别推荐
PTP高定专用设备

高定利器
数控排钻



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

可选配 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



旋转轴+角度头
Rotation Axis and Aggregates
高定利器
All-round Work Center



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



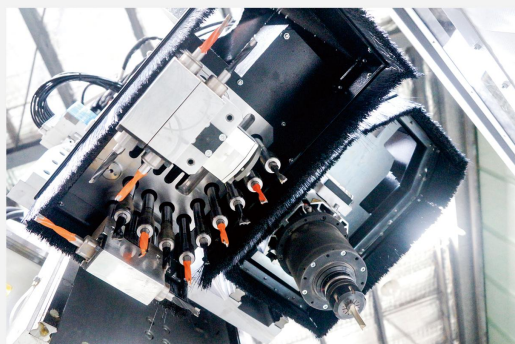
一机多用 Truly Versatile

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

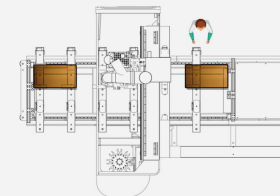
高定利器
数控排钻



- 9kW自动换刀主轴
 - 9垂直+6水平+1锯片排钻
- Spindle: 9kW
(Higher power available upon request)
Drill bank: 9 vertical+6 horizontal+1 saw



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

可选配 Optional



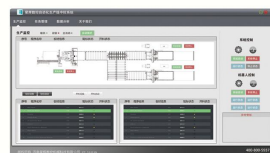
选配灯带指示, 操作人员直观的调节吸附条和吸附块位置, 提高生产效率
Led light strips guide the operator to navigate and locate the workpiece at correct position

橱柜模压门板生产线

Automated Molded Door Production Cell



星辉数控软硬件一体解决方案



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.

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

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.

EMZ 门板专用加工中心

EMZ Work Center for Doors



9kW自动换刀主轴+6kW主轴*2+7.5kW双端主轴，可实现门体表面造型锁孔、侧面锁槽、合页面、归方、滑道槽等多种复合工艺

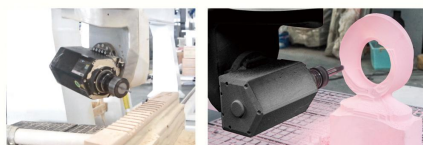


E8 定梁定柱小型五轴加工中心

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

五轴应用实景
Applications



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	2150x3700x950/1300mm	1500x3000mm	5900x6900x4850/5550mm	8000kg						
2030	2650x3700x1300/1500mm	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，均以实物为准

For specific machine configurations, please refer to your technical agreement

E9 定梁定柱五轴加工中心 Venture Five-axis Machining Center



五轴立体加工

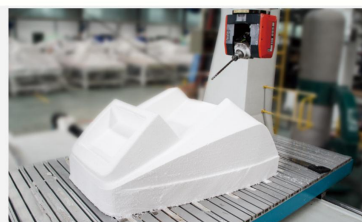
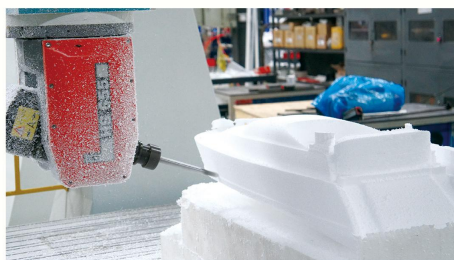
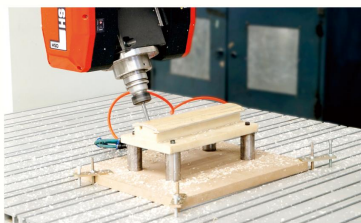
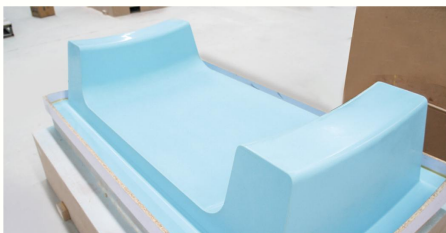
五轴联动 5 axis process	RTCP五轴插补，适合三维立体造型的曲面加工 5 synchronizing interpolated axes, real-time tool center point rotation, well suited for 3D processing
进口品牌部件 Top-class Parts	全部采用品牌零配件，性能稳定 Using only the best components found on market to ensure best reliability and performance
适用行业 Applications	碳纤维、玻璃钢、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...

荣誉认证：高新技术企业、山东省科技进步一等奖、山东省首台套设备...



五轴立体加工

五轴加工实景
Applications



五轴立体加工

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

五轴立体加工

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 Movable bed	重型结构设计，实现高速加工 Heavy duty structure to process with high speed
圆盘刀库 Carousel Tool Magazine	可选配16伺服刀库或HSK重型刀库，换刀快速精准 16 servo tool changers, HSK aggregates optional
适用行业 Application	实木及沙发等软体家具框架高速加工 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 Heavy Frame	适合重力切削 For heavy-duty production needs
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 Tool magazine travels with spindle to reduce tool changing time
选配排钻 Drill Bank Optional	9垂直+6水平+1锯片或5+4垂直锯片 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：镂铣、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

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



E3 标准加工中心 Venture Work Center



E2 自动换刀加工中心 Auto Tool Changer Products

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，工作能降耗，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	空行程速度 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 Vantage Work Center												
1224	2500x1260x330mm	2440x1220x200mm	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	Φ150*1
1530	3100x1570x330mm	3050x1530x200mm	4050x2400mm	2600kg							30kW	
2030	3350x2100x330mm	3050x2030x200mm	4050x3000mm	6500kg								
2040	4350x2100x330mm	4000x2030x200mm	5100x3000mm	6800kg								
E3标准加工中心 E3 Series Venture 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	Φ100*1 Φ150*1 Φ200*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 Change Product												
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	Φ100*1
1530	3100x1570x200/300mm	3080x1550x180/280mm	3900x2430mm	1500kg							27kW	
2030	3100x2100x200/300mm	3080x2050x180/280mm	3900x2900mm	1900kg								
2040	4020x2100x200/300mm	4000x2050x180/280mm	4800x2900mm	2100kg								
E2雕刻机 E2 Series Manual Tool Change Product												
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	Φ100*1
1530	3100x1570x200/300mm	3080x1550x180/280mm	3700x2430mm	1300kg							20kW	
2030	3100x2100x200/300mm	3080x2050x180/280mm	3700x2900mm	1700kg								
2040	4020x2100x200/300mm	4000x2050x180/280mm	4600x2900mm	1900kg								

★产品不断升级改良，当外观、配置与参数变更时，均以实物为准
For specific machine configurations, please refer to your technical agreement