



国家高新技术企业



微信公众号



企业小程序



企业抖音号

HUAHUA 桦桦数控[®]
用出来的口碑

广东顺德昶盛机械制造有限公司

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Due to the continuous updating of the products, the relevant parameters and contents are subject to change without prior notice.

HUAHUA 桦桦数控[®]
用出来的口碑

HUAHUA 桦桦数控[®]
用出来的口碑

一站式定制家具方案

精准开料 | 高速裁板 | 自动封边 | 数控钻铣

FULL SOLUTION FOR CUSTOMIZED FURNITURE

CNC Router Machine | Computer Beam Saw

Edge Banding Machine | CNC Drilling Machine



2022
第一册

Preface

序言

口碑，是用出来的。

在中国制造不断升级的今天，
在工匠精神深度复兴的今天，
唯有着实力的、被认同的品牌，
才能在洪流之中脱颖而出。

我们坚信，
品质，是企业的基石，
技术，是创新的保障，
服务，是理念的执行，
口碑，就是最好的品牌。

Public praise is from customer use.

Today, with the continuous upgrading of
manufacturing in China,
Today, with the deep revival of craftsman spirit,
Only the strong, recognized brand,
Can stand out in the torrent.

We firmly believe that,
Quality is the cornerstone of the company,
Technology is the guarantee of innovation,
Service is the execution of ideas,
Public praise is the best brand.





制造基地 Manufacturing base

实力为碑

“精心锻造工艺，时间沉淀实力”



广东顺德昶盛机械制造有限公司，位于中国木工机械重镇——顺德伦教。公司前身桦桦机械厂始创于2003年6月，在公司全体同仁的努力下，产品不断完善，公司日益壮大，经工厂研究决定于2009年9月重组为广东顺德昶盛机械制造有限公司，同年注册了 **HUAHUA 桦桦数控®** 与 **YALIN 亚林数控®** 两个品牌。

公司整合了国内外先进技术与经验，及产品研发、设计、生产、销售、服务为一体，主要以电脑裁板锯、数控开料机、全自封边机、全自动六面钻铣加工中心等多种数控设备为主要产品，不断开拓创新，以技术为核心，视质量为生命，奉客户为上帝竭诚为您提供性价比的高品质的先进产品及热情专业的技术咨询和售前、售中、售后服务。

Guangdong Shunde ChangSheng Machinery Manufacturing Co., Ltd. is located in Shunde Lunjiao, the important town of woodworking machinery in China. The company's predecessor, HUAHUA Machinery Factory, was founded in June 2003. With the efforts of all the staff of the company, the products have been continuously improved and the company has grown stronger. It was decided in September 2009 to reorganize into Guangdong Shunde ChangSheng Machinery Manufacturing Co., Ltd. In the same year, we established two registered brands: "HUAHUA Machinery" and "YALIN Machinery".

The company integrates advanced technology and experience at home and abroad, as well as product development, design, production, sales, and service. It mainly uses computer beam saw, CNC router machine, automatic edge banding machine, automatic six sides CNC drilling machine. Numerous numerical control equipment as the main product, continuous development and innovation, technology as the core, quality as life, customer as God, and dedicated to provide you with cost-effective, high-quality advanced products and enthusiastic professional technical consultation and pre-sales Medium and after-sales service.

Strength Win Public Praise

Meticulous forging process, time precipitating strength

发展历史

19年

Development history

占地面积

35,000m²

Land area

现有员工

300人

Employees



Full solution for customized furniture





高新技术企业证书



佛山市专精特新企业



广东省湖南商会理事



广东省品牌建设先进单位



广东省质量信用优秀企业



广东省重质量守信誉单位



广州市家具行业协会会员单位



2021年度纳税超千万元(集团)企业



广东省用户满意品牌企业



广东省机械行业协会第五届理事会理事单位



技术精湛 客户服务好



2019年度热搜品牌

荣誉为碑

“荣誉是口碑的见证，鞭策我们负重前行”



Honor Win Public Praise

Honor is the testimony of public praise, urging us to carry forward



实用新型专利证书

65项

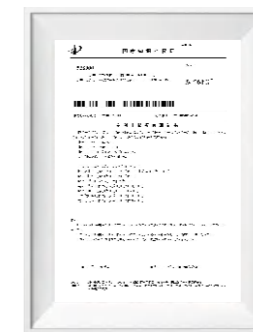
Utility model patent



外观设计专利证书

7项

Appearance design patent



发明专利证书

6项

Invention patent



质量管理体系认证证书

15项

ISO9001



欧盟CE认证

4项

CE certificate



Professional Solutions Win Public Praise

Full solution for customized furniture, not only supply single machine, but also can supply machines line solution according to the site of customer



规划为碑

“单机模式到连线生产的一站式定制家具方案”

从框架到细节，从外在到内在，桦桦始终追求至上品质。站在客户的角度，体贴不同的需求，使客户从单机模式提升到更具柔性的连线生产，帮助客户节省人工减轻劳动负荷，提升场地利用率，缩短生产周期提高效率。

From the frame to the details, from the outside to the inside, HUAHUA always pursues the supreme quality. From the perspective of customers, we are considerate of different needs, so that customers can upgrade From single machine to more flexible machines line production, helping customers save labor and reduce labor load, improve site utilization, shorten production cycle and improve efficiency.

一站式方案规划流程

Full solution for customized furniture planning process





Full solution for customized furniture

Automatic machines line solution

定制连线方案



“P01-04

板式批量自动化连线方案
Mass production panel furniture automatic machines Line solution

板式定制自动化连线方案
Customized panel furniture automatic machines Line solution

连线方案
Machines line solution

CNC Router series

精准开料系列



“P05-28

数控定制开料线
CNC custom cutting line

数控开料机（直排刀库）
CNC router machine (Linear type tool magazine)

数控开料机(四头)
CNC router machine (Four spindle routers)

数控开料机（上下料）
CNC router machine (Auto loading and unloading)

数控开料机（双工位）
CNC router machine (Double worktable)

数控开料机（自动换刀主轴）
CNC router machine (Auto tool changing spindle)

数控开料机（双轴带钻包）
CNC router machine (Two spindles with drilling box)

数控开料机（双轴双工位带钻包）
CNC router machine (Two spindles, double worktable with drilling box)

自动贴标机
Automatic labeling machine

Computer beam saw series

高速裁板系列



“P29-50

数控纵横锯
Computer angular saw

HP系列高速智能电脑裁板锯
HP series high-speed intelligent computer beam saw

NP系列高速智能电脑裁板锯
NP series high-speed intelligent computer beam saw

Automatic edge banding series

自动封边系列



“P51-80

双端直线封边机
Double-side edge banding machine

伺服重型高速直线封边机
Servo heavy-duty high-speed linear edge banding machine

重型高速直线封边机
Heavy-duty high-speed linear edge banding machine

高速直线封边机
High-speed linear edge banding machine

双胶锅端头封边机
Narrow panel edge banding machine with double gluing unit

全自动直线封边机
Automatic Linear Edge Banding Machine

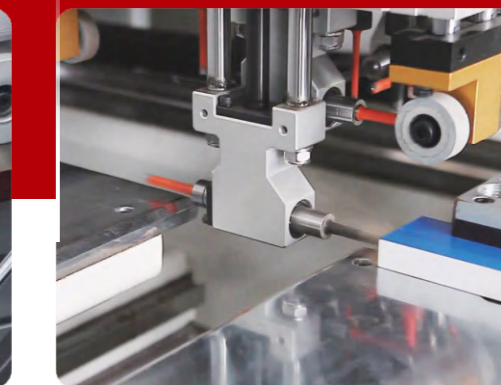
斜直一体封边机
Inclined and straight edge banding machine

直线封边机
Straight edge banding machine

封边机左右连线
Edge banding machines line(left and right)

CNC drilling machine series

数控钻铣系列



“P81-116

通过式数控锯切钻
CNC sawing and drilling machine

双工位六面钻铣加工中心
Double worktable six sides CNC drilling machine

双钻包六面钻铣加工中心
Double drilling box six sides CNC drilling machine

六面钻铣加工中心
Automatic six sides CNC drilling machine

数控侧孔钻
CNC side hole drilling machine

木工排钻
Woodworking multi row drilling machine



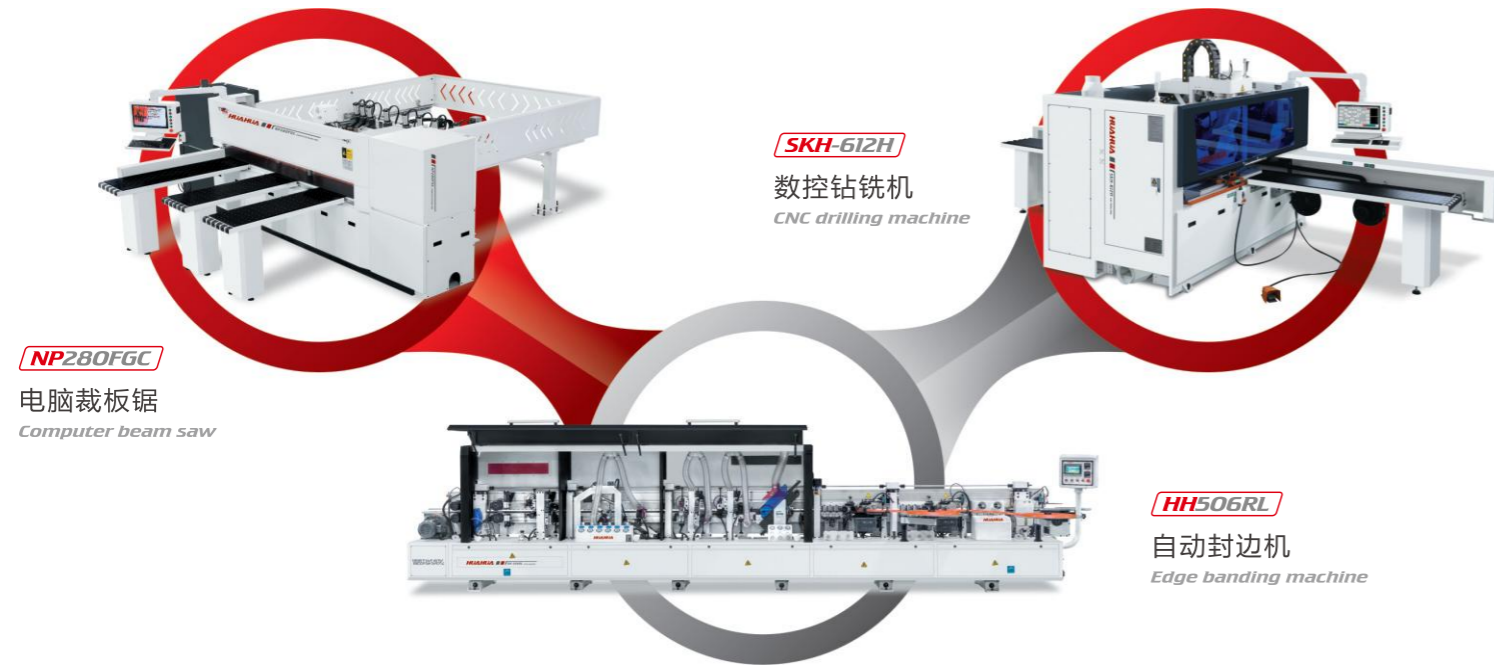
目录为碑

“匠心制造比肩国际水平的产品为您完美呈现！”

Internationalized
Product Win Public Praise
Ingenuity to manufacture products that are compared to the international level

板式批量自动化连线方案 *line1*

Mass Production Panel Furniture Automation Machines Line Solution



板式定制自动化连线方案 *line2*

Customized Panel Furniture Automation Machines Line Solution



a- 设计拆单优化 *Design, nesting, optimization*

功能阐述：专门为定制家具企业量身定制，人性化界面，设计简单，直观，生产数据齐全。

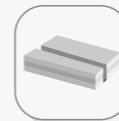
Function description: tailored specifically for custom furniture company, User-friendly interface, simple design, intuitive, and complete production data.



b- 电脑裁板锯 *Computer beam saw*

功能阐述：工控电脑操控，多单混排优化锯切；用于大规模批量开料，可同步打印标签。

Function description: industrial computer control, multi order mixing, optimization cutting; For mass production cutting, the labels can be printed at the same time.



c- 自动封边机 *Edge banding machine*

功能阐述：自动化控制，多功能直线封边；用于板件贴边、齐头、粗修、精修、刮边、抛光等处理。

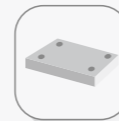
Function description: automatic control, multi function straight edge banding; For panel gluing, end cutting, rough trimming, fine trimming, scraping, buffing etc.



d- 数控钻铣机 *CNC drilling machine*

功能阐述：X方向钻孔无限长度，双夹手一次装夹，无需换夹即可完成工件加工。

Function description: drilling in x axis direction no length limit, Double-clamping can complete the panel processing without changing the clamp.



a- 设计拆单优化 *Design, nesting, optimization*

功能阐述：专门为定制家具企业量身定制，人性化界面，设计简单，直观，生产数据齐全。

Function description: tailored specifically for custom furniture company, User-friendly interface, simple design, intuitive, and complete production data.



b- 数控开料机 *CNC router machine*

功能阐述：数控化操控，单、双工位，可带钻包；用于板材开料、钻孔、异形加工。

Function description: CNC control, single and double worktable, drilling box is optional; For panel cutting, drilling, irregular shape processing.



c- 自动封边机 *Edge banding machine*

功能阐述：自动化控制，多功能直线封边；用于板件贴边、齐头、粗修、精修、刮边、抛光等处理。

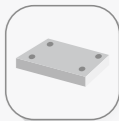
Function description: automatic control, multi function straight edge banding; For panel gluing, end cutting, rough trimming, fine trimming, scraping, buffing etc.



d- 数控钻铣机 *CNC drilling machine*

功能阐述：X方向钻孔无限长度，双夹手一次装夹，无需换夹即可完成工件加工。

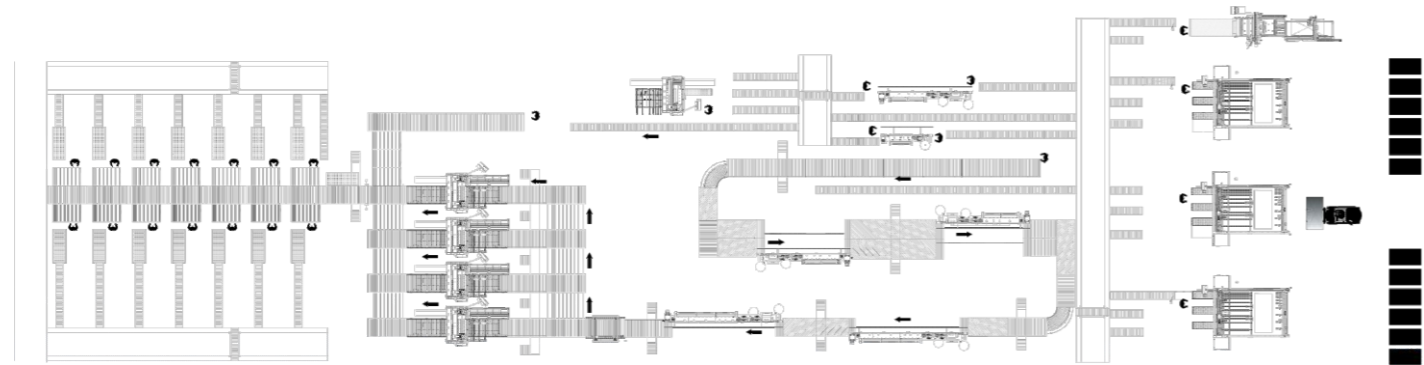
Function description: drilling in x axis direction no length limit, Double-clamping can complete the panel processing without changing the clamp.



连线方案 *line*

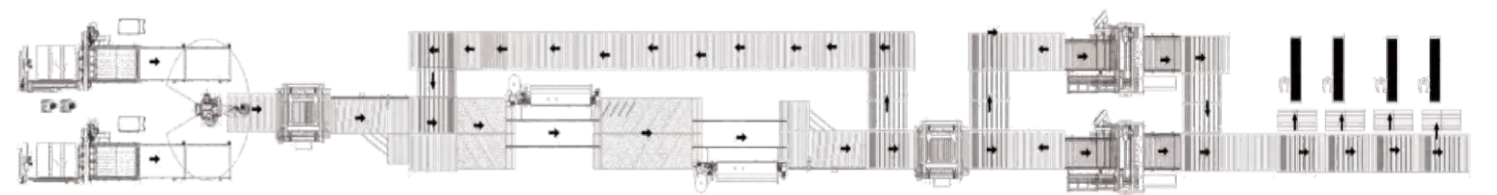
Automatic machines line solution

三台上料电子锯配升降台+四单端封边机连线+四台六面钻连线 Automatic machines line with Three rear-loading electronic saws with lifting table + four single-end edge banding machines connection + four six-sided drill connections



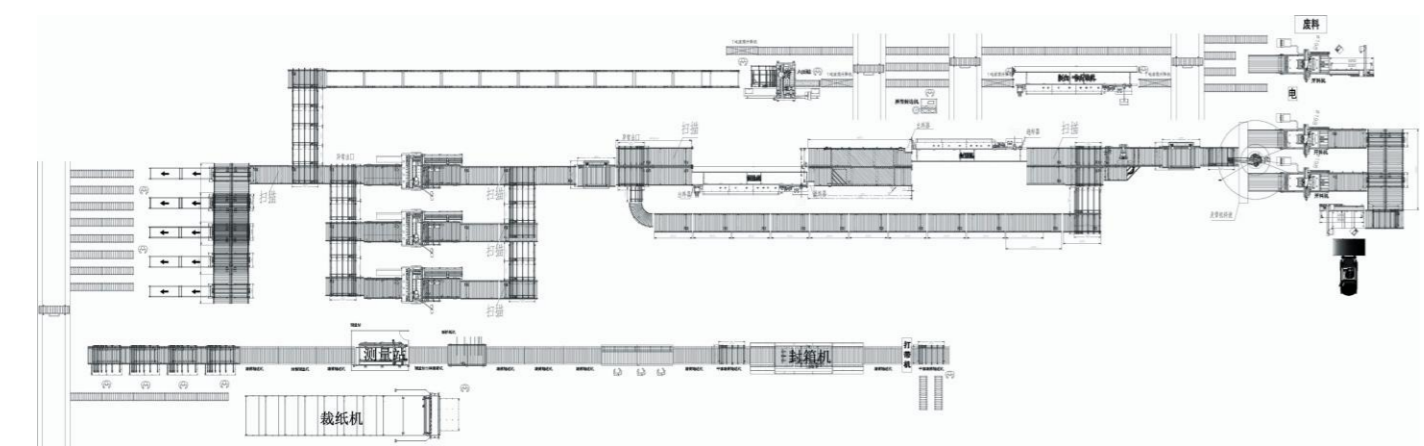
— 产能输出 50张/小时 安装面积 2000m² 能源消耗 380千瓦/小时
Capacity output: 50 panels/hour Installation area: 2000m² Energy consumption: 380 kw/hour

CNC一拖二配机械手+左右封边机连线+两台六面钻连线 Automatic machines line with two CNC router machine , one robot, Edge banding machines line(left and right), two six sides CNC drilling machine



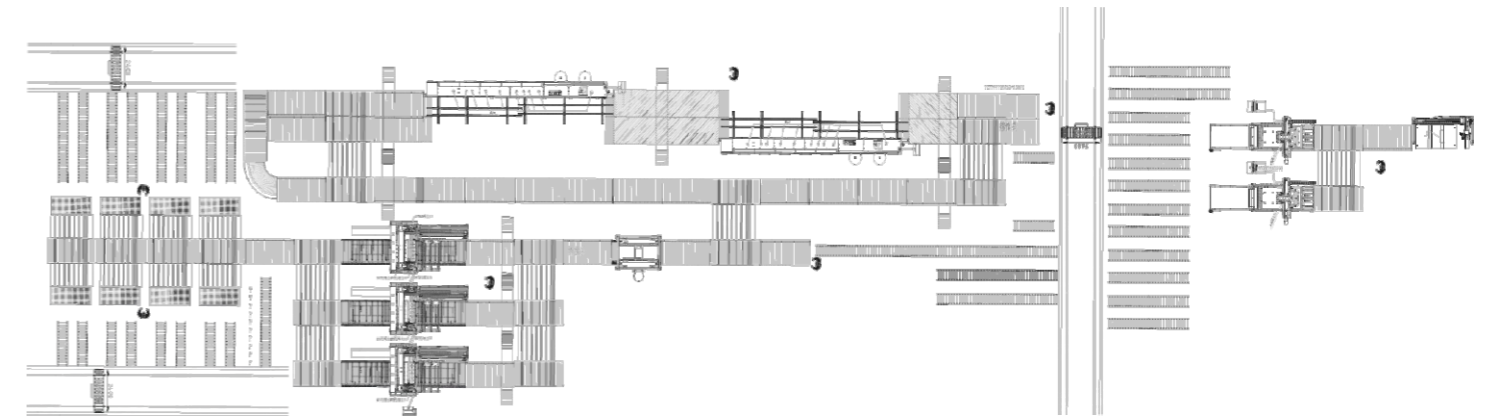
— 产能输出 20张/小时 安装面积 1000m² 能源消耗 180千瓦/小时
Capacity output: 20 panels/hour Installation area: 1000m² Energy consumption: 180 kw/hour

CNC一拖二配机械手+左右封边机连线+三台六面钻连线 Automatic machines line with two CNC router machine , one robot, one Edge banding machines line(left and right),three six sides CNC drilling machine



— 产能输出 25张/小时 安装面积 2000m² 能源消耗 190千瓦/小时
Capacity output: 25panels/hour Installation area: 2000m² Energy consumption: 190 kw/hour

CNC一拖二连线+左右封边机连线+三台六面钻连线 Automatic machines line with CNC one-to-two connection + left and right edge banding machine connection + three six-sided drill connections



— 产能输出 25张/小时 安装面积 2000m² 能源消耗 206千瓦/小时
Capacity output: 25panels/hour Installation area: 2000m² Energy consumption: 206 kw/hour

SKG

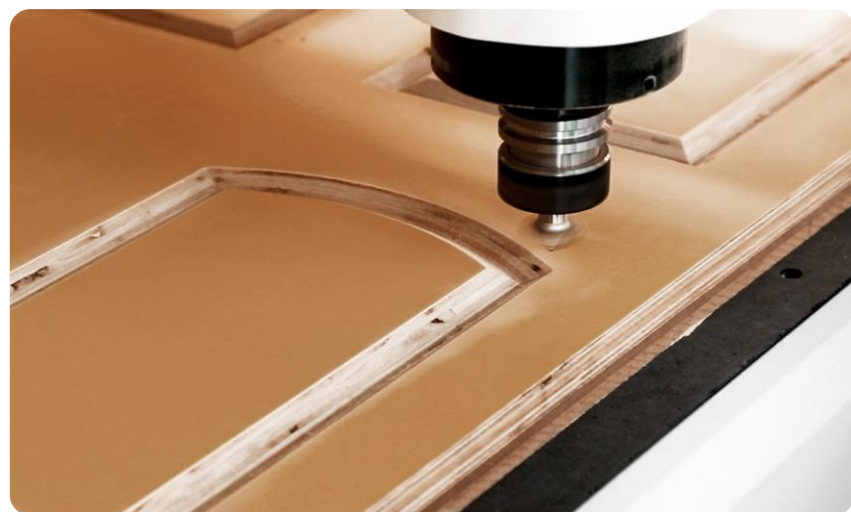


精准开料 随机应变

精准开料，钻铣一体，实现真正的柔性生产

Precision cutting

Precision cutting,drilling and milling combined in one machine. Achieve flexible production





工艺流程解析
Process analysis

多种开料机连线方案 满足不同应用需求

根据场地、产能、工艺和工序来选择不同的方案
加工模块化工作站，柔性支持多种组合，因地制宜让生产效率最大化

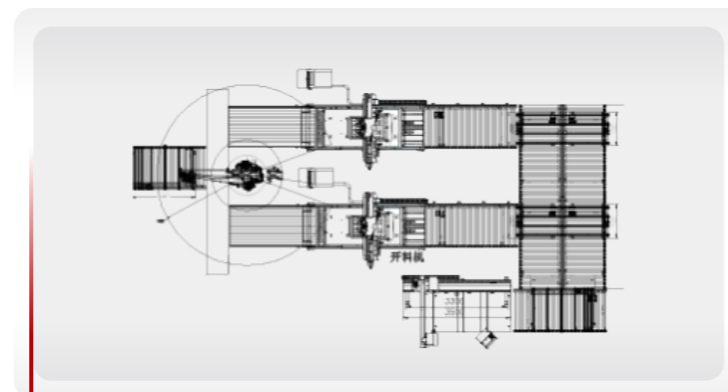


A variety of cutting machine connection solution
Meet the needs of different applications

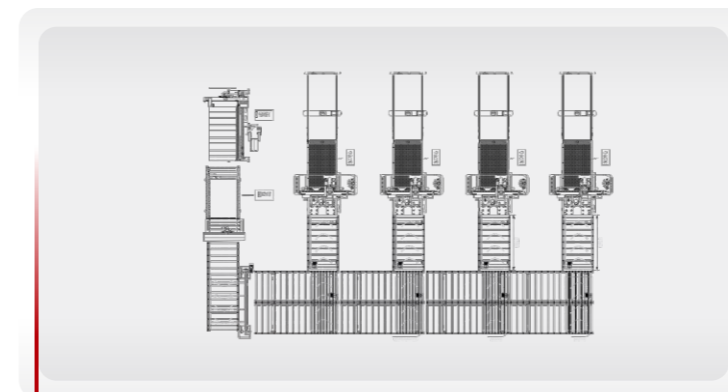
Choose different solutions according to site, capacity, process and process
Processing modular workstations, flexible support for multiple combinations, adapt to local conditions to maximize production efficiency

开料
工作站
连线

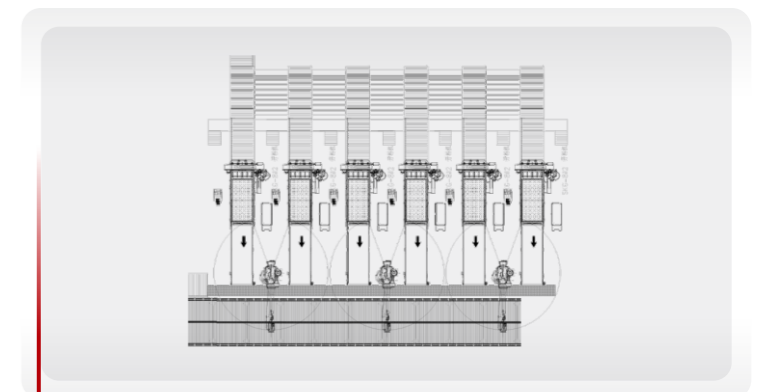
CNC Router
Workstation Connection



a CNC一拖二配机械手 Two sets of CNC router machines line



b CNC一拖四连线 Four sets of CNC router machines line



c CNC一拖六配机械手 Six sets of CNC router machines line

SKG-812Z ^{CNC}

数控定制开料线

CNC router machine



a.自动贴标
Automatic labeling



b.自带刀库
Tool magazine



c.柔性开料
Flexible cutting



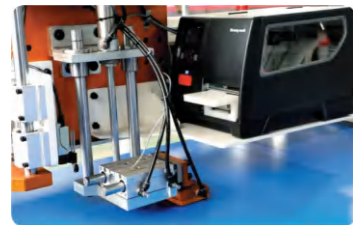
d.优化拆单
Nesting software



工艺流程解析
Process analysis

斗笠式刀库自动换刀 一次完成打孔、铣型、开料

Automatic tool change in round type tool magazine
Complete drilling, milling and cutting in one time



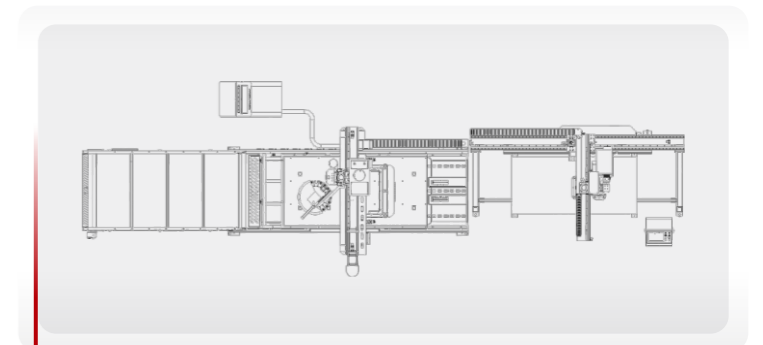
a.通过式完成贴标和开料工序
贴标开料不间断

a. Complete the labeling and cutting process through the pass-through mode, and the labeling and cutting are uninterrupted



b.斗笠式刀库可以装12把刀
就近原则自动换刀铣型更高效

b. The round type tool magazine can hold 12 tools. And base on the principle of proximity to change tools, it is more efficient to milling.



平面布局图 Layout Plan

SKG-812H ^{CNC}

数控开料机 (直排刀库)

CNC router machine (Linear type tool magazine)



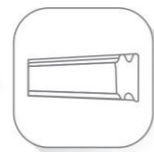
工艺流程解析
Process analysis



a.直排刀库
Linear type tool magazine



b.柔性开料
Flexible cutting



c.精密导轨
Precision guide rail



d.12kw风冷自动换刀主轴
12 kw ATC spindle

自主研发拆单软件

无缝对接市面上常用的多种软件



Independently develop the nesting software, machine can match with most of nesting software in the market too.



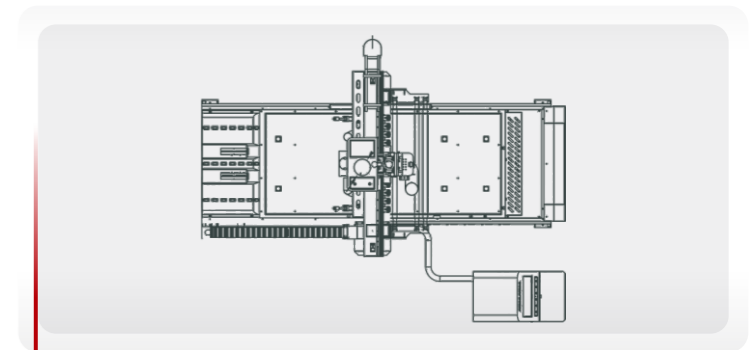
a.十二把直排刀库，每个功能一把刀，自动换刀无需等待

a. Linear type tool magazine with 12 tools, one tool for one craft, automatic tool change without waiting



b.风冷主轴电机，配合刀库，无需等待换刀时间快速加工，效率更高

b. Air cooling spindle motor, with tool magazine, fast processing without waiting for tool change time, higher efficiency

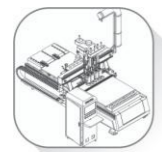


平面布局图 Layout Plan

SKG-604H ^{CNC}

数控开料机 (四头)

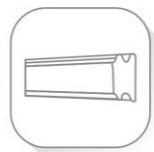
CNC router machine (Four spindle routers)



a.三轴联动
3 Axis moving
at same time



b.柔性开料
Flexible cutting



c.精密导轨
Precision guide rail



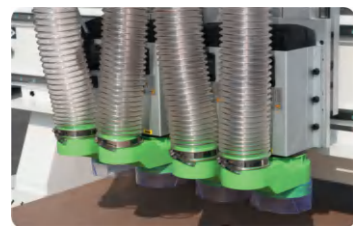
d.红外线感应
Infrared sensing

自主研发拆单软件

无缝对接市面上常用的多种软件



Independently develop the nesting software, machine can match with most of nesting software in the market too.



a.四主轴可用作开槽、铣型、垂直钻孔、钻铣等工艺

a. Four spindles can be used to process grooving, milling, cutting, and drilling etc

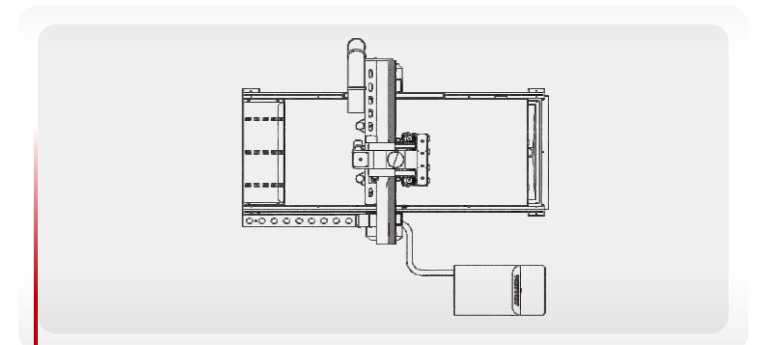


b.齿轮齿条采用防尘结构设计，机器操作简单，高效开料

b. The rack and pinion are designed with dust proof structure. Machine is easy to operate and cut efficiency



工艺流程解析
Process analysis

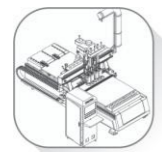


平面布局图 Layout Plan

SKG-604Z ^{CNC}

数控开料机 (上下料)

CNC router machine (Auto loading and unloading)



a. 三轴联动
3 Axis moving
at same time



b. 红外线感应
Infrared sensing



c. 柔性开料
Flexible cutting



d. 真空吸附
Vacuum adsorption



自动上下料 省时省薪

开料打孔开槽异形一次加工完成

Automatic loading and unloading, saving time and labour cost
Cutting, drilling, grooving and special-shaped processing are completed at one time



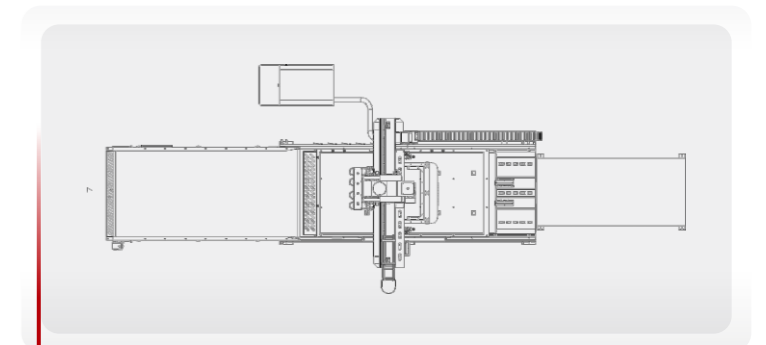
a. 四主轴可用作开槽、铣型、垂直钻孔、钻铣等工艺

a. Four spindles can be used to process grooving, milling, cutting, and drilling etc



b. 带红外线感应装置，升降台持续保持设定高度，平稳上料

b. With infrared sensor, the lifting platform continuously maintains the set height, and the panel is loaded smoothly



平面布局图 Layout Plan

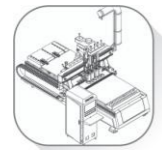


工艺流程解析
Process analysis

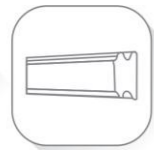
SKG-604A ^{CNC}

数控开料机 (双工位)

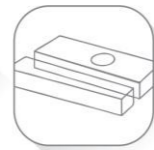
CNC router machine (Double worktable)



a.三轴联动
3 Axis moving
at same time



b.精密导轨
Precision guide rail



c.柔性开料
Flexible cutting



d.优化拆单
Nesting software

四主轴高效加工 钻孔/开料/铣型一次完成

Four-spindle high-efficiency machining
Drilling/cutting/milling can be done at one time



a.四主轴可用作开槽、铣型、
垂直钻孔、钻铣等工艺

a. Four spindles can be used to process
grooving,milling,cutting, and drilling etc

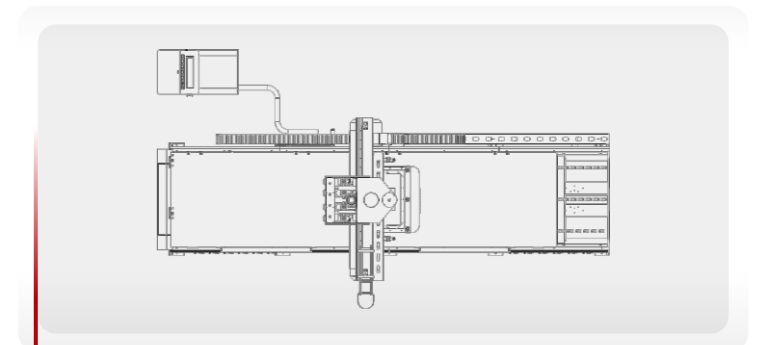


b.齿轮齿条采用防尘结构设
计，机器操作简单，高效开料

b. The rack and pinion are designed with dust
proof structure.Machine is easy to operate and
cut efficiency



工艺流程解析
Process analysis

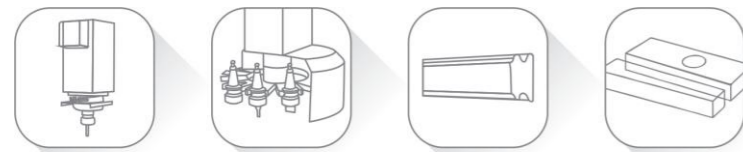


平面布局图 Layout Plan

SKG-812 ^{CNC}

数控开料机 (自动换刀主轴)

CNC router machine (Auto tool changing spindle)



- a. 12kw风冷自动换刀主轴
12 kw ATC spindle
- b. 自带刀库
Tool magazine
- c. 精密导轨
Precision guide rail
- d. 柔性开料
Flexible cutting

圆盘式自动换刀刀库 满足多种产品工艺加工需求

Disc type automatic tool changers, can meet complicated technology processing



a. 风冷主轴电机，配合刀库，无需等待换刀时间快速加工，效率更高

a. Equipped with air cooling spindle motor and tool magazine.No need to wait for tool changing. It is more efficiency

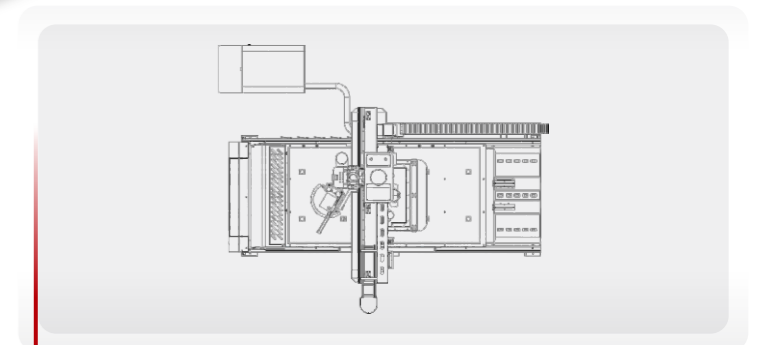


b. 斗笠式刀库可以装12把刀 就近原则自动换刀铣型更高效

b. The round type tool magazine can hold 12 tools. And base on the principle of proximity to change tools. It is more efficient to mill.



工艺流程解析
Process analysis



平面布局图 Layout Plan

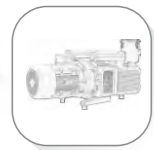
SKG-802V ^{CNC}

数控开料机 (双轴带钻包)

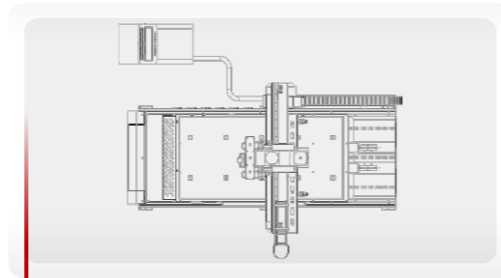
CNC router machine (two spindles with drilling box)



a.台湾钻包
Taiwan drilling box



b.台湾干式真空泵
Taiwan dry vacuum pump



平面布局图 Layout Plan



工艺流程解析
Process analysis



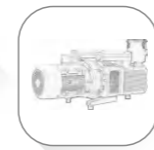
SKG-802VA ^{CNC}

数控开料机 (双轴双工位带钻包)

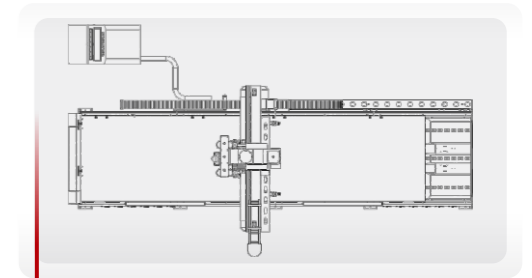
CNC router machine (two spindles, double worktable with drilling box)



a.台湾钻包
Taiwan drilling box



b.台湾干式真空泵
Taiwan dry vacuum pump



平面布局图 Layout Plan



工艺流程解析
Process analysis



HTB-1328 CNC

自动贴标机

Automatic labeling machine



a.自动贴标
Automatic labeling



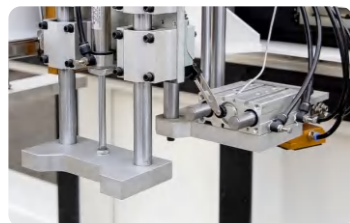
b.伺服电机
Servo motor



c.智能检测
Intelligent detection



d.软件优化
Optimization software



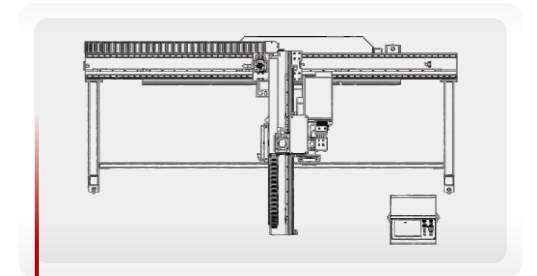
a.自动贴标装置，智能检查板材宽度
操作更具人性化

a. Automatic labeling device, intelligently check the width of the panel, and the operation is more user-friendly



b.伺服电机+集中注油装置
使设备在运行中更平稳顺畅

b. Servo motor + centralized oiling device to make the equipment more stable and smooth in operation



平面布局图 Layout Plan



工艺流程解析
Process analysis



型号参数	Model	HTB-1328
X轴最快移动速度	X-axis maximum speed	70m/min
Y轴最快移动速度	Y-axis maximum speed	70m/min
X轴最大行程	X-axis maximum traveling stroke	1220mm
Y轴最大行程	Y-axis maximum traveling stroke	2800mm
功率	Power	2.3kw

工艺流程解析 Process analysis



自动送料

将升降台上的大板用机器的吸盘自动拉到有定位装置处进行加工

Auto loading

The large panel on the lifting table is automatically pulled to the position with positioning device by the suction cup of the machine for processing



平面钻孔

上钻包可按NC文件的要求自动调取钻头直径大小在指定的位置钻孔

Vertical drilling

The upper drilling box can automatically adjust the diameter of the drill bit according to the NC file and drill at the specified position



柔性开料

铣刀可根据不同加工工艺对板件进行切割、开槽、铣型加工

Flexible cutting

The cutter can cut, groove and mill the panel according to different processing technology

工艺流程解析 Process analysis



自动换刀

可任意调取刀具库刀具，刀具数量可根据客户需求定制

Automatic change tool

Can automatically pick up the tool magazine, the number of tool magazines can be customized according to the customer's requirements



自动对刀

自动校正所有刀具长度，更加智能简单

The automatic tool setting

Automatically measures all the tool lengths, it is more intelligent and simple



自动下料

一次将已加工完成的板材推至下料平台，并清理台面遗留灰尘

Automatic unloading

Push the finished panel to the unloading table and clean the remaining dust on the working table

彩屏控制显示
Color screen control display



采用彩屏控制显示，配套键盘，操作安全可靠，界面简洁友好，具备完整的操作提示

Use colorful screen control display, support keyboard, the operation is safe and reliable, with simple and friendly interface and complete operation accuracy

精密螺旋丝杠传动
Precision ball screw drive



丝杆传动误差在0.05-0.1MM以内，累计误差在±0.1MM以内，提升整机精密度

The transmission error of the screw rod is within 0.05-0.1MM, and the cumulative error is within ±0.1MM, which improves the precision of the whole machine

真空吸附台面
Vacuum adsorption table



加厚真空吸附台面，真空吸附管采用软管+硬管链接，杜绝了链接管接口漏气现象

Thicken the vacuum adsorption table, the vacuum adsorption tube adopts hose + hard tube connection, which prevents air leakage at the connection tube interface



型号参数	Model	SKG-812Z/812	SKG-812H	SKG-604H	SKG-604Z
机器尺寸	Machine size	4368*3390*2954mm	4368*3390*2954mm	3700*3082*2812mm	4368*3390*2954mm
台面尺寸	Working area	2800*1300mm	2800*1300mm	2800*1300mm	2800*1300mm
X轴最高速度	X-axis maximum speed	80m/min	80m/min	80m/min	80m/min
Y轴最高速度	Y-axis maximum speed	80m/min	80m/min	80m/min	80m/min
Z轴最高速度	Z-axis maximum speed	20m/min	20m/min	20m/min	20m/min
主轴数	Spindle quantity	1	1	4	4
主轴功率	Spindle power	12kw*1 24000rpm	12kw*1 24000rpm	6kw*4	6kw*4 18000rpm
真空泵功率	Vacuum pump power	7.5kw(7.8kw选配 Option)	7.5kw(7.8kw选配 Option)	7.5kw(7.8kw选配 Option)	7.5kw(7.8kw选配 Option)
真空泵抽风量	Vacuum pump air volume	250m³/h(400m³/h)	250m³/h(400m³/h)	250m³/h(400m³/h)	250m³/h(400m³/h)
总功率	Total power	24.25kw	23.5kw	35.5kw	35.5kw

精准开料系列通用配置特点

General configuration features of CNC router series

自动对刀系统
Automatic tool setting system



自动对刀功能让使用者更方便快捷的操作设备，同时保证加工精度

The automatic tool setting function allows users to operate the equipment more conveniently and quickly. At the same time ensure processing accuracy

定位气缸保证精准开料
Positioning cylinder to ensure accurate cutting



六个定位气缸全部由百分表调整过，保证正反面加工时的二次定位精度。

The six positioning cylinders are all adjusted by a dial indicator to ensure the secondary positioning accuracy.

助力压辊（选配）
Power pressure roller (optional)



辅助板材上下料，防止工作中板材爆边，即可节省工人劳力强度又大大提高工作效率

Auxiliary panel loading and unloading can prevent the panel from bursting during work, which can save labor intensity and greatly improve work efficiency



型号参数	Model	SKG-604A	SKG-802V	SKG-802VA
机器尺寸	Machine size	6945*3390*2954mm	4368*3390*2954mm	6945*3390*2954mm
台面尺寸	Working area	2800*1300mm+2800*1300mm	2800*1300mm	2800*1300mm+2800*1300mm
X轴最高速度	X-axis maximum speed	80m/min	80m/min	80m/min
Y轴最高速度	Y-axis maximum speed	80m/min	80m/min	80m/min
Z轴最高速度	Z-axis maximum speed	20m/min	20m/min	20m/min
主轴数	Spindle quantity	4	2个主轴+1个钻包 2 spindles+1 drilling box	2个主轴+1个钻包 2 spindles+1 drilling box
主轴功率	Spindle power	6kw*4 18000rpm	6kw*2 18000rpm+2.2kw	6kw*2 18000rpm+2.2kw
真空泵功率	Vacuum pump power	7.5kw(7.8kw选配 Option)	7.5kw(7.8kw选配 Option)	7.5kw(7.8kw选配 Option)
真空泵抽风量	Vacuum pump air volume	250m³/h(400m³/h)	250m³/h(400m³/h)	250m³/h(400m³/h)
总功率	Total power	35.5kw	25.7kw	25.7kw

HP/NP



高速裁板 机驰如电

定制生产，批量生产，高速裁板加工，效率疾驰如电

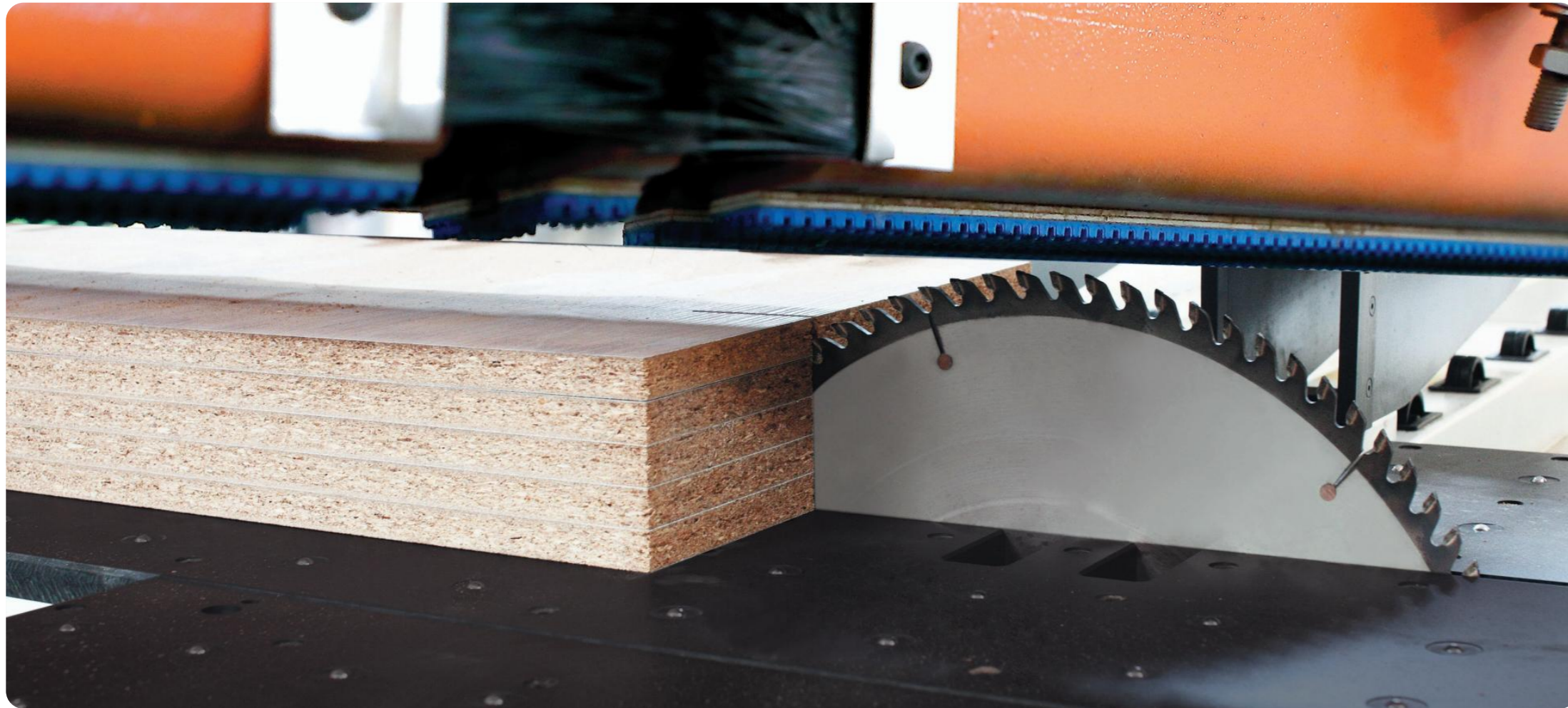
High speed cutting

Customized production, mass production, high speed cutting, high efficiency





工艺流程解析
Process analysis



多种电脑锯连线方案 满足不同应用需求

根据场地、产能、工艺和工序来选择不同的方案
加工模块化工作站，柔性支持多种组合，因地制宜让生产效率最大化



Variety of computer beam saw connection solutions
Meet different applications

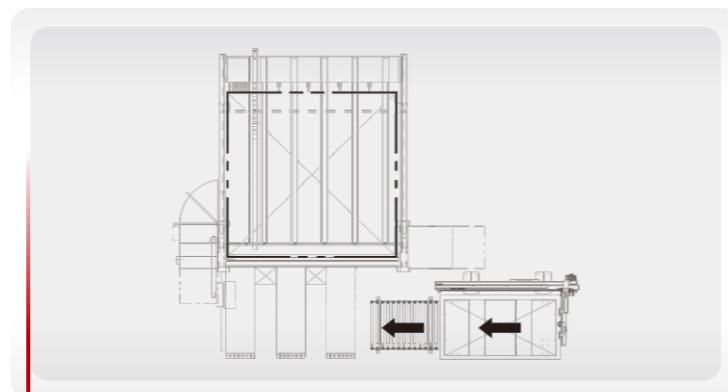
According to the site, production capacity, processing, choose different solutions
Processing modular workstations, flexible support for multiple combinations, adapt to local conditions to maximize production efficiency

裁板

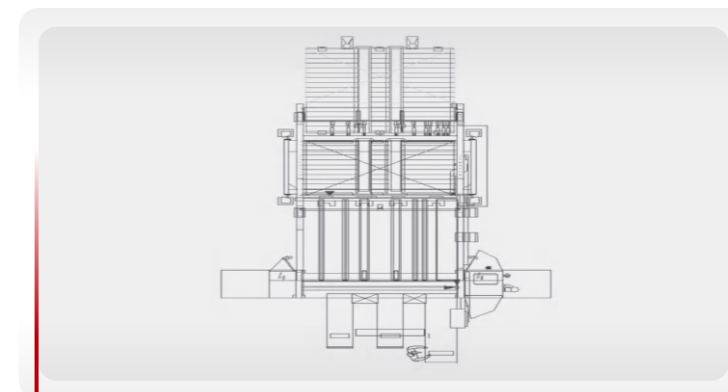
工作站
连线



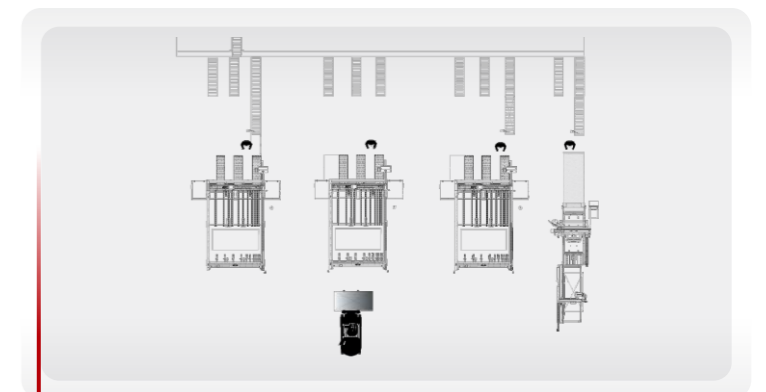
Cutting
Workstation Connection



C 电子锯前上料方案 Computer beam saw front loading solution



C 电子锯后上料方案 Computer beam saw rear loading solution



C 三台电子锯连线 3 sets computer beam saw machines line

HP3318 SAW

数控纵横锯

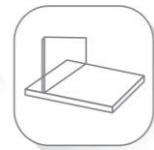
Computer angular saw



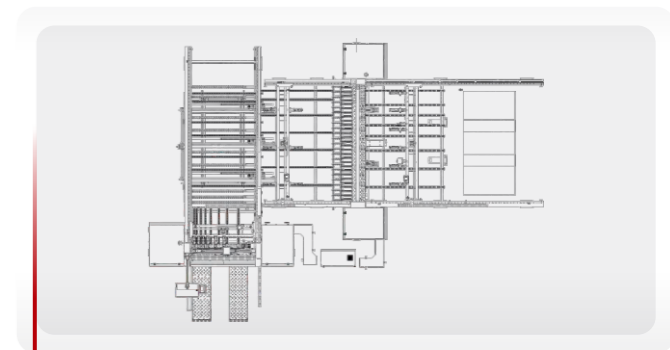
a. 纵横开料
Vertical and horizontal cutting



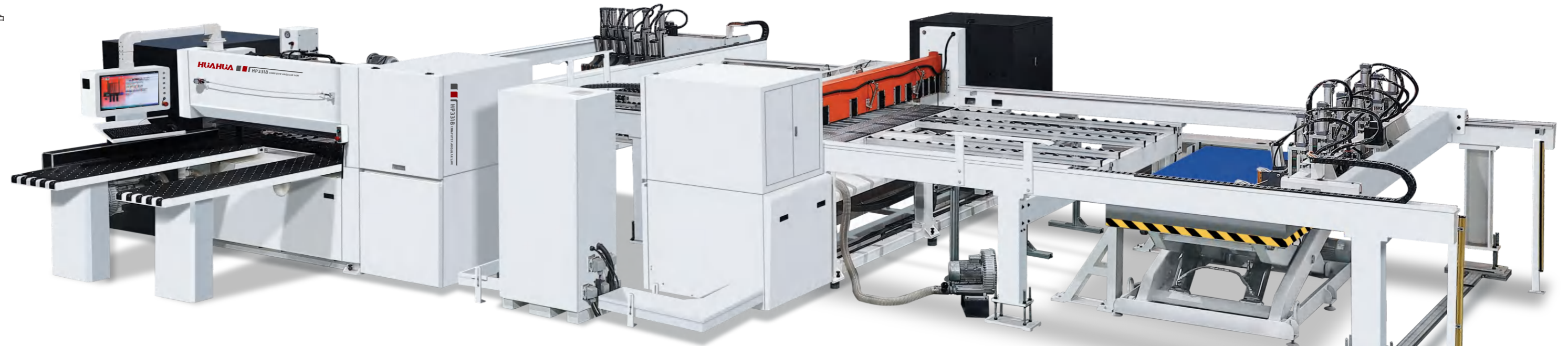
b. 小锯独立运动
scoring saw independent moving




c. 压梁安全防护
Press beam safety protection



平面布局图 Layout Plan



锯车速度0-120米/分
板材锯切厚度可达100MM

 saw carriage speed 0-120m/min
Maximum cutting thickness 100mm



a. 最大纵切长度3300mm, 最大横切长度1800mm

a. Maximum vertical cutting length: 3300mm
Maximum horizontal cutting length: 1800mm



b. 可单张开料, 可叠放多张开料, 批量开料效率翻倍

b. Single pc cutting or multiple pcs cutting, high efficiency



工艺流程解析
Process analysis

HP330CL ^{SAW}

高速智能后上料电脑裁板锯

High-speed intelligent rear loading computer beam saw



a. 后上料装置
Rear loading device



b. 双指夹料
Two-finger clamp




c. 压梁安全防护
Press beam safety protection



d. 小锯独立运动
scoring saw independent moving



锯车速度0-120米/分
板材锯切厚度可达120MM

 saw carriage speed 0-120m/min
Maximum cutting thickness 120mm



a. 辊轮助力板料运动，轻松传送板件，保护板材表面，防止板材刮花

a. Rollers help panel moving, easily transfer, protect panel surface, and prevent scratching.

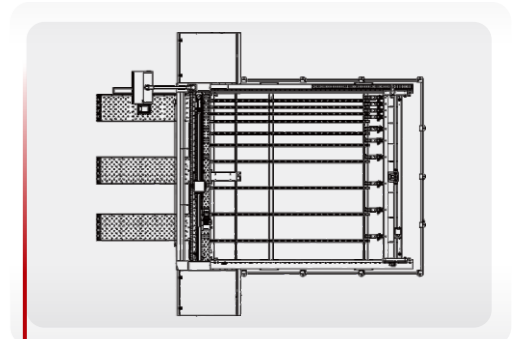


b. 采用灵活的裹胶双指结构，小板件夹板送料更稳定

b. Two fingers clamp with plastic cushion, more stable for small panel clamping and feeding.



工艺流程解析
Process analysis



平面布局图 Layout Plan

HP280 ^{SAW}

高速智能电脑裁板锯

High speed intelligent computer beam saw



a. 双指夹料
Two-finger clamp



b. 小锯独立运动
scoring saw independent moving



c. 自动侧靠
Automatic side aligner

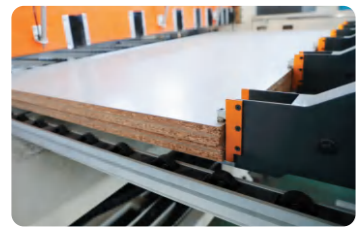


d. 压梁安全防护
Press beam safety protection



锯车速度0-120米/分
板材锯切厚度可达120MM

Saw carriage speed 0-120m/min
Maximum cutting thickness 120mm



a. 采用灵活的裹胶双指结构，小
板件夹板送料更稳定

a. Two fingers clamp with plastic cushion, more
stable for small panel clamping and feeding

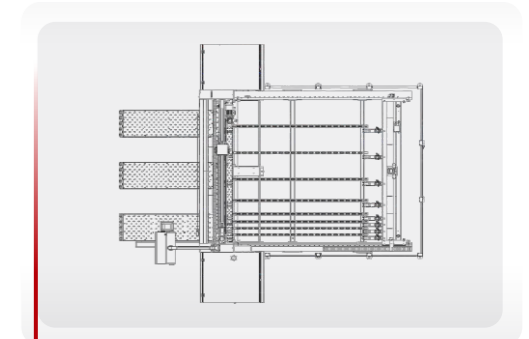


b. 小锯可根据不同锯切高度、
宽度，实现自动定位锯切行程

b. Scoring saw can be adjusted according to
different cutting thickness and width, automatic
sawing stroke can be positioned



工艺流程解析
Process analysis

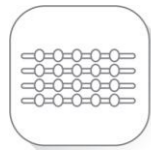


平面布局图 Layout Plan

HP330 SAW

高速智能电脑裁板锯

High speed intelligent computer beam saw



a. 辊轮助力
Roller assist



b. 小锯独立运动
scoring saw independent moving



c. 双指夹料
Two-finger clamp



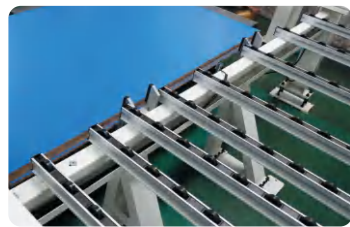
d. 优化排版
Optimization



锯车速度0-120米/分
板材锯切厚度可达120MM

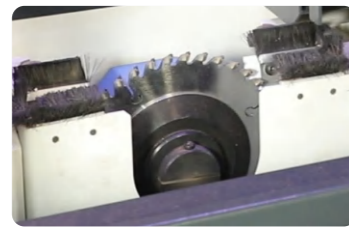


Saw carriage speed 0-120m/min
Maximum cutting thickness 120mm



a. 辊轮助力板料运动，轻松传送板件，保护板材表面，防止板材刮花

a. Rollers help panel moving, easily transfer, protect panel surface, and prevent scratching

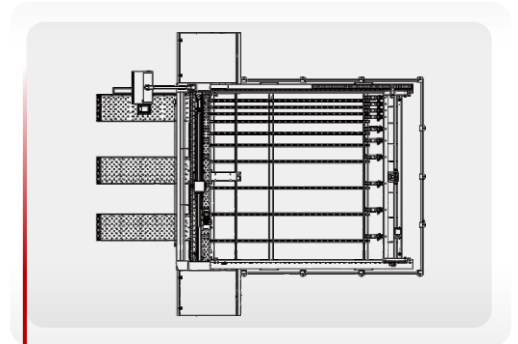


b. 可前后、上下调节副锯，方便工作人员更好调整锯片

b. Scoring saw can be adjusted front and back, up and down, so that operator can adjust the saw blade better



工艺流程解析
Process analysis



平面布局图 Layout Plan





HP380 SAW

高速智能电脑裁板锯

High speed intelligent computer beam saw



工艺流程解析
Process analysis

-  a.气浮工作台
Air floating table
-  b.锯座电机
Saw carriage motor
-  c.打印条码
Print barcode
-  d.故障自检
fault self-test



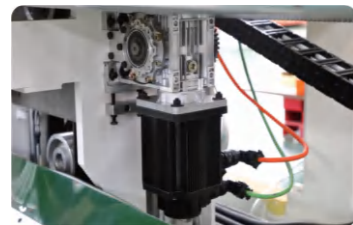
锯车速度0-120米/分
板材锯切厚度可达120MM

 Saw carriage speed 0-120m/min
Maximum cutting thickness 120mm



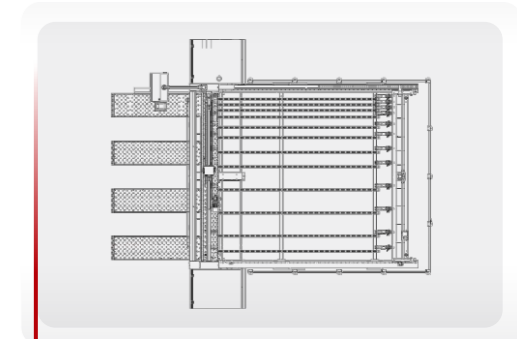
a.工作台进料采用气动浮珠台面
保护板材表面，防止板材刮花

a. Air floating table can protect the surface of the panel and prevent scratching



b.锯车速度可达120m/min锯座
驱动伺服电机高速裁板，稳定高效

b. Saw carriage speed can reach 120m/min, saw carriage is driven by servo motor, stable and high efficient



平面布局图 Layout Plan





NP280FGC ^{SAW}

高速智能电脑裁板锯

High speed intelligent computer beam saw



工艺流程解析
Process analysis

-  a. 优化排版
Optimization
-  b. 双指夹料
Two-finger clamp
-  c. 故障自检
Fault self-test
-  d. 高速处理
high-speed processing



锯车无极调速0-100米/分
板材锯切厚度可达100MM

 Saw carriage speed 0-100m/min
Maximum cutting thickness 100mm



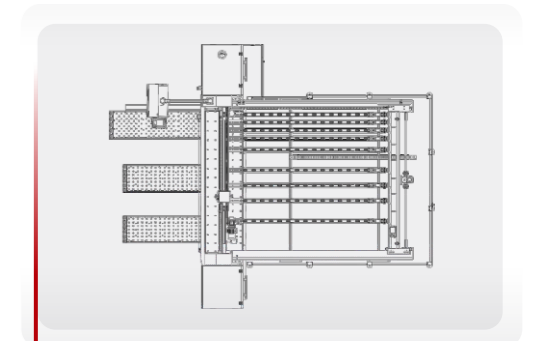
a. HMM控制软件，可编辑管理锯切方案，模拟和执行锯切

a. HMM control software, can edit and manage sawing plan, simulate and execute sawing



b. 采用灵活的裹胶双指结构，小板件夹板送料更稳定

b. Two fingers clamp with plastic cushion, more stable for small panel clamping and feeding



平面布局图 Layout Plan





NP330FGC SAW

高速智能电脑裁板锯

High speed intelligent computer beam saw




工艺流程解析
Process analysis

-  a. 防尘挡板
Dust proof baffle
-  b. 精密导轨
Precision guide rail
-  c. 双指夹料
Two-finger clamp
-  d. 自动侧靠
Automatic side aligner



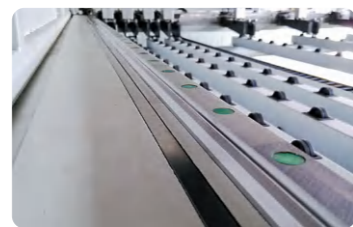
锯车无极调速0-100米/分
板材锯切厚度可达100MM

 Saw carriage speed 0-100m/min
Maximum cutting thickness 100mm



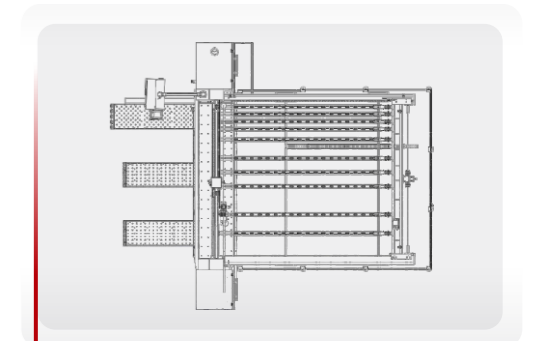
a. 自动打下防尘挡板，防止锯切过程中所产生的边料和尘屑

a. Automatically lay down the dust proof baffle to prevent the offcut and dust generated during cutting



b. 采用台湾上银精密直线滑轨，自润设计无须人工添油

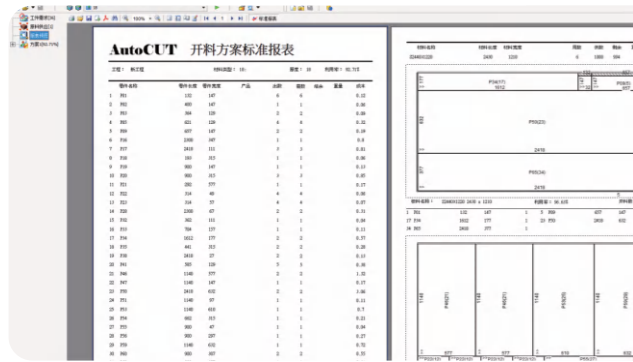
b. Using Taiwan Hiwin precision guide rail, Automatic lubrication, no need to add oil manually



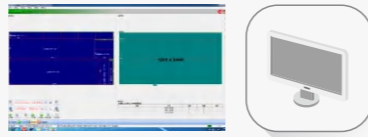
平面布局图 Layout Plan

工艺流程解析 Process analysis

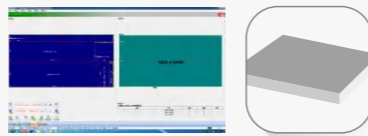
工艺流程解析 Process analysis



优化排版
 对接料单，合理自动排版
Optimization cutting plan
 Docking with cutting list, generate cutting solution automatically



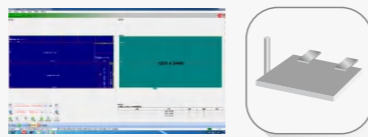
人工上料
 将板材从升降平台上送进机械手定位
Manual feeding
 Move the panel from lifting table to feeding gripper for position



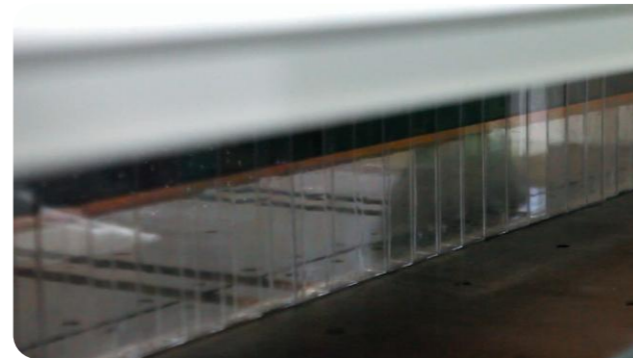
夹紧送料
 机械手将板材拉进机械内指定位置
Clamping and feeding
 Feeding gripper pulls the panel into the specified position in the machine



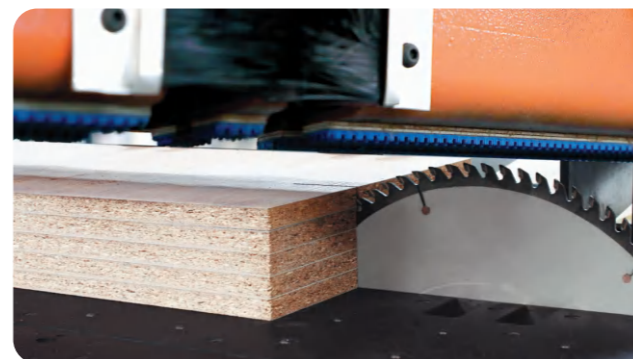
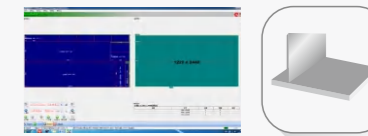
自动侧靠
 侧轮将板材从侧面靠紧定位
Automatic side aligner
 Side wheels position panel tightly from the side



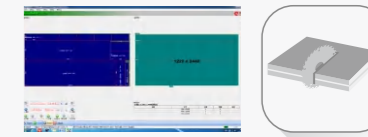
自动压料
 压梁自动平整压住材料
Automatic press panel
 Press beam automatic press panel flatly



防尘挡板
 防止边料和灰尘向外飞溅
Dust proof baffle
 Prevent offcut and dust splashing outside



精密锯切
 高速有效地锯切板材
Precision cutting
 Efficient and high speed cutting



自动出料
 按照程序设定的尺寸裁切，自动送出
Automatic output
 Cut according to the size set by the program and output automatically





采用行业领先的双指夹料结构，板料夹料采用气缸，且送料前经过滚轮床面，确保尺寸锯切精度且不会伤及工件表面

The industry-leading two-finger clamping structure is adopted, panel is clamped by air cylinder, before feeding, passing the roller conveyor to ensure the cutting accuracy without damaging panel surface.



配置英威腾2KW伺服电机，锯车动力减速机，齿轮减速机三相异步电动机，保证板材锯切行程高效、平稳

Equipped with INVT 2KW servo motor, saw carriage power reducer, gear reducer three-phase asynchronous motor, make sure high efficient and stable cutting.



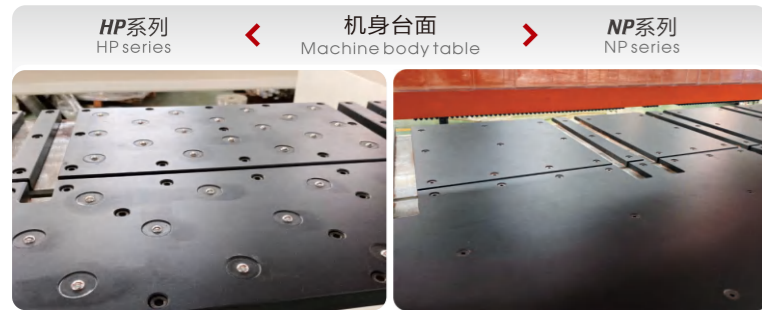
大小锯独立升降，可根据不同锯切高度、宽度实现自动定位锯切行程，标配18.5KW主锯电机，锯片快速装卸，有效减轻工人负担

Main saw and scoring saw are lifted and lowered independently, sawing stroke can be automatically positioned according to different cutting thickness and width, standard 18.5kw main saw motor is equipped, saw blades fastly replace, which effectively reduces the burden on workers.



辊轮助力板料运动，轻松传送板件，保护板材表面，防止板材刮花，厚重板料一样变得轻松自如

Rollers assist the panel moving, protect surface of the panel and prevent scratching, heavy panel is easy to move too.



锯切台面设计升级，较传统台面更窄。优势在于不容易下沉、变形，锯切板材不容易爆边

Cutting table design is upgraded, it is narrower than traditional table, advantage is that it is not easy to sink or deform, and cutting panel edge is not easy to burst.



18.5kw 台湾三叶主锯电机，主锯轴转速 4000rpm，伺服高精度减速机，可随锯切厚度自动调整锯切高度，高速、稳定、灵活

18.5kw Taiwan Sanye motor, main saw shaft rotation speed is 4000rpm, precision reducer can automatically adjust the cutting height according to the panel thickness, high speed, stable, and flexible.



型号参数	Model	HP3318	HP330CL	HP280/HP330	HP380	NP280/330FGC
纵切长度	Max. cutting length	3300mm	3300mm	2800mm / 3300mm	3800mm	2800mm / 3300mm
横切长度	Max. horizontal cutting length	1800mm	-	-	-	-
锯切厚度	Max. cutting thickness	100mm	120mm	120mm	120mm	100mm
主锯片直径	Main saw blade diameter	Φ380(选配option450mm)	Φ380mm(选配option450mm)	Φ380mm(选配option450mm)	Φ380mm(选配option450mm)	Φ380/(选配option400mm)
主锯轴轴径	Main saw shaft diameter	Φ75mm	Φ75mm	Φ75mm	Φ75mm	Φ60mm
主锯轴转速	Main saw shaft rotation speed	4000rpm	4000rpm	4000rpm	4000rpm	4000rpm
槽锯片直径	Scoring saw blade diameter	Φ200mm	Φ200mm	Φ200mm	Φ200mm	Φ180mm
槽锯轴轴径	Scoring saw shaft diameter	Φ50	Φ50	Φ50	Φ50	Φ30
槽锯轴转速	Scoring saw shaft rotation speed	5200rpm	5200rpm	5200rpm	5200rpm	6900rpm
锯座前进速度	Saw carriage forward speed	100m/min	100m/min	100m/min	100m/min	100m/min
锯座后退速度	Saw carriage backward speed	120m/min	120m/min	120m/min	120m/min	120m/min
主锯电机	Main saw motor	18.5kw*2	18.5kw	18.5kw	18.5kw	16kw
槽锯电机	Scoring saw motor	2.2kw*2	2.2kw	2.2kw	2.2kw	-
锯座驱动电机	Saw carriage drive motor	2kw*2 (AC伺服servo)	2kw (AC伺服servo)	2kw (AC伺服servo)	2kw (AC伺服servo)	2.2kw
自动送料电机	Automatic feeding motor	2kw*2 (AC伺服servo)	2kw (AC伺服servo)	2kw (AC伺服servo)	2kw (AC伺服servo)	1kw (AC伺服servo)
高压送风电机	High-pressure blower motor	3kw*2+2.2kw	3kw+2.2kw	3kw+2.2kw	3kw+2.2kw	3kw
侧靠电机	Side aligner motor	0.25kw	0.25kw	0.25kw	0.25kw	0.25kw
升降平台电机	Lifting platform motor	2kw	2kw	-	-	-
输送电机	Conveyor motor	0.75kw*2	-	-	-	-
总功率	Total power	61.35kw	32.15kw	30.15kw	30.15kw	22.45kw
自动送料速度	Automatic feeding speed	85m/min	85m/min	85m/min	85m/min	100m/min
使用气压	Air pressure	5-7kg/cm ²	5-7kg/cm ²	5-7kg/cm ²	5-7kg/cm ²	5-7kg/cm ²
工作台离地高度	Worktable height	960mm	980mm	980mm	980mm	960mm
净重	Net weight	14300kg	6500kg	5300kg/5800kg	6300kg	4500kg/5000kg
工作安装机器尺寸	Machine size	8000*11600*2200mm	5740*7600*2066mm	6060*5240*2060mm 6560*5740*2060mm	7060*6040*2060mm	5300*6300*2000mm 5800*6300*2000mm
送料架(长*宽*高)	Feeding frame(l*w*h)	-	-	-	-	3850*850*1600mm 4350*850*1600mm
气浮台数量	Air floating table quantity	2	3	3	4	3

HH



自动封边 机简而作

模块化设计，按需定制，做到机简而作

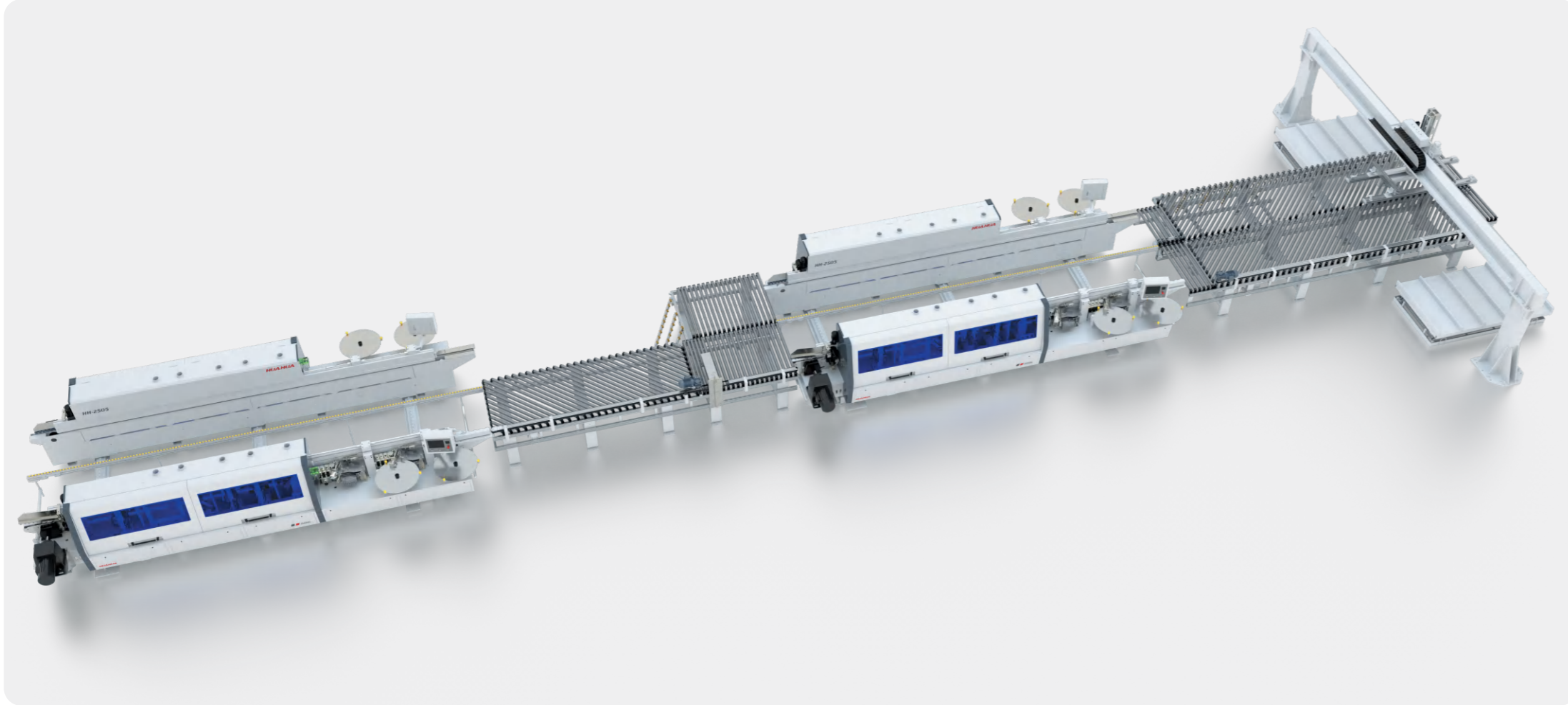
Automatic edge banding

Modular design, customized on demand, easy to operate





工艺流程解析
Process analysis



多种封边机连线方案 满足不同应用需求

根据场地、产能、工艺和工序来选择不同的方案
加工模块化工作站，柔性支持多种组合，因地制宜让生产效率最大化



Variety of edge banding machine connection solutions
Meet different applications

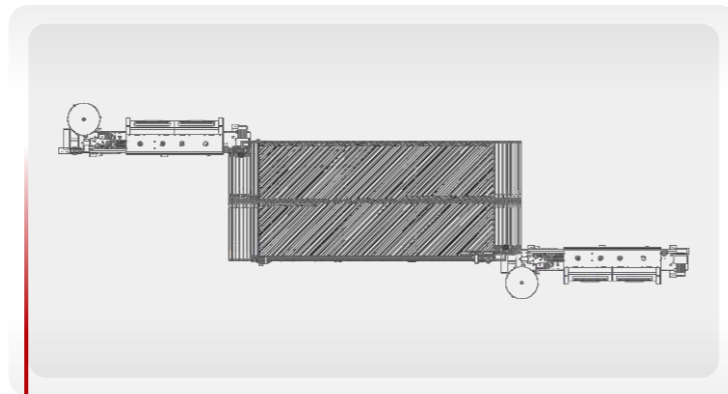
According to the site, production capacity, processing, choose different solutions
Processing modular workstations, flexible support for multiple combinations, adapt to local conditions to maximize production efficiency

封边

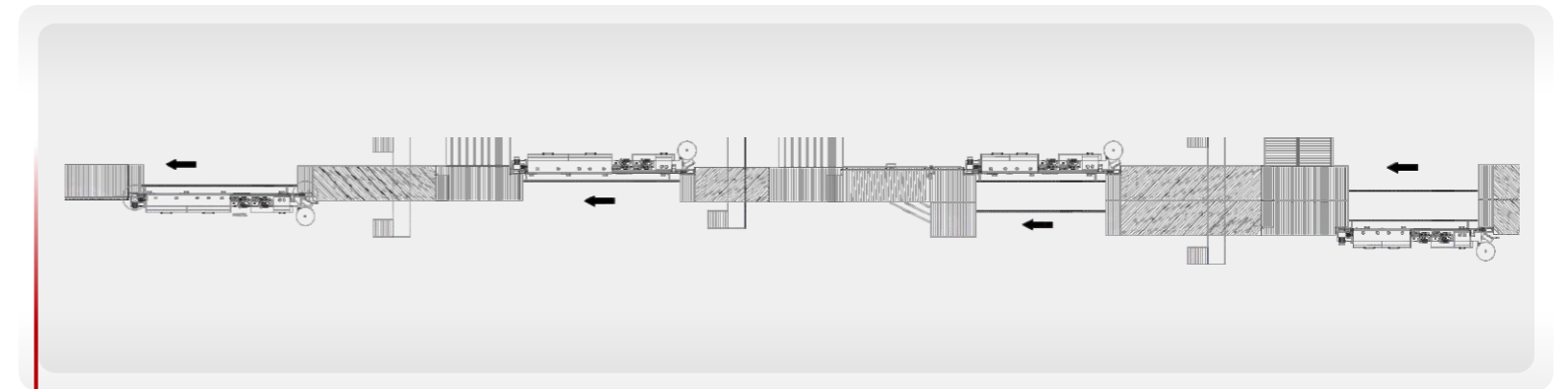
工作站
连线



Edge banding
Workstation Connection



C 左右封边机连线 Edge banding machine line (left and right)



B 四单端封边机连线 Four edge banding machine line

HH-2505R ^{EDGE}

双端直线封边机

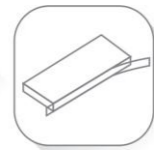
Double-side edge banding machine



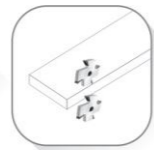
a. 同步输送
Synchronous convey



b. 左右输送
Left and right convey



c. 高效封边
Efficient edge banding



d. 双精修装置
Double fine trimming



左右连线封边完两边落地一次
减少落地次数封边效率更高

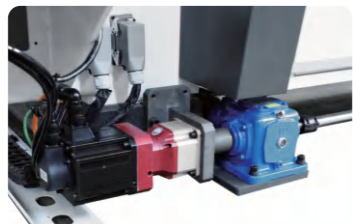


Left and right edge banding
only need transfer one time, more efficient



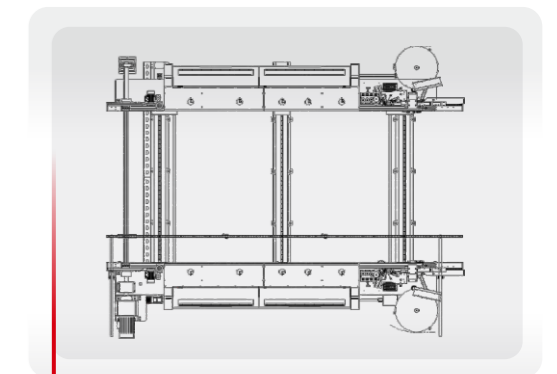
a. 同步输送装置，标准化封边流程
柔性化封边更省事更灵活

a. Synchronous conveying device, standardized edge banding process, flexible edge banding



b. 左右输送装置，通过式加工，缩短板间距，让每台封边机利用率最大化

b. Left and right conveying device, through-type processing, shorten panel distance, maximize the utilization of each edge banding machine



平面布局图 Layout Plan



工艺流程解析
Process analysis

HH-688RLKHZ EDGE

伺服重型高速直线封边机

Servo heavy-duty high-speed linear edge banding machine



工艺流程解析
Process analysis

实现整机伺服,封边开槽
一键到位,家具必备神器

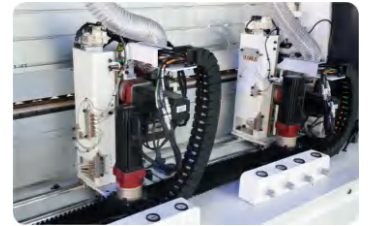


Realize the whole machine servo control, the edge banding and grooving press control by one button, the necessary machine for furniture




a.采用红外线测距
为保证加工精度


a. Using infrared ranging, in order to ensure the processing accuracy

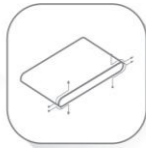



b.双头伺服四角跟踪
精准稳定


b. Double-head servo four-corner rounding, Precise and stable

- 

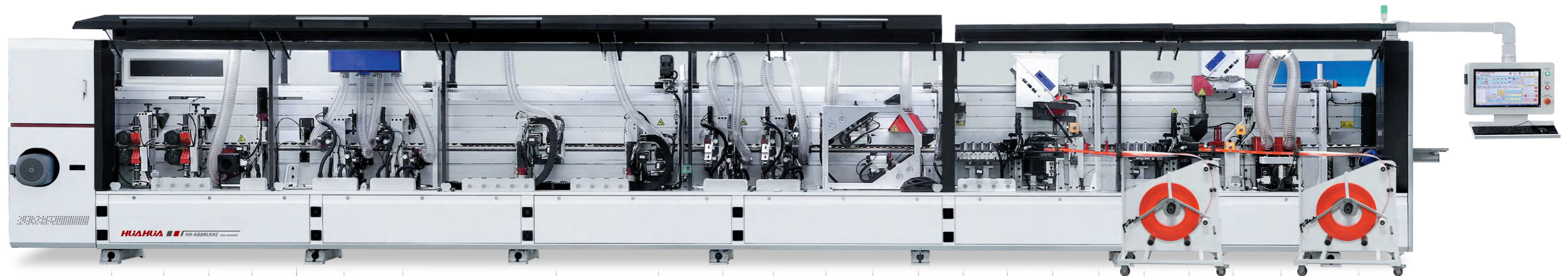
a.伺服开槽
Servo grooving
- 

b.红外线测距
Infrared ranging
- 

c.高速四角跟踪
Four-corner rounding
- 

d.双涂胶机构
Double gluing
- 

e.电脑控制
PC control



- 
电动抛光2
Electric buffing 2
- 
电动抛光1
Electric buffing 1
- 
清洗
Cleaning
- 
伺服调节开槽
Servo adjustment grooving
- 
断丝
Off-cut
- 
伺服调节刮边2
Servo adjustment scraping 2
- 
伺服调节刮边1
Servo adjustment scraping 1
- 
伺服调节四角跟踪
Servo adjustment four-corner rounding
- 
伺服调节精修2
Servo adjustment fine trimming 2
- 
伺服调节精修1
Servo adjustment fine trimming 1
- 
双导轨齐头
Double rails end cutting
- 
伺服调节贴边2
Servo adjustment pressing 2
- 
伺服压带2
Servo pressing tape 2
- 
伺服精准送带2
Servo precision edge feeding 2
- 
EVA涂胶
EVA glue
- 
快速溶胶2
Quick melt 2
- 
伺服调节贴边1
Servo adjustment pressing 1
- 
伺服压带1
Servo pressing tape 1
- 
伺服精准送带1
Servo precision edge feeding 1
- 
PUR涂胶
PUR glue
- 
快速溶胶1
Quick melt 1
- 
预铣
Pre-milling
- 
分离
Releasing

HH-608RLKZ EDGE

重型高速直线封边机

Heavy-duty high-speed linear edge banding machine



工艺流程解析
Process analysis

重型一体式机架 钢结构导轨
多功能封边神器，省时省“薪”

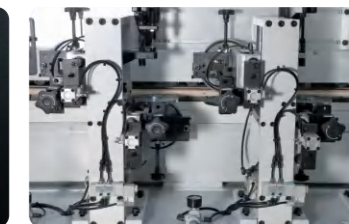


Heavy-duty integrated frame, steel structure guide rail
Multi-function edge banding machines, saving time, labor cost



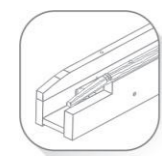
a. 采用独立式涡轮蜗杆升降和精密滑动块传动，大幅度提高升降各单元稳定性与同步性

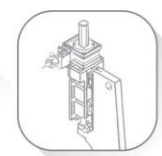
a. Using independent worm gear lifting and precision sliding block transmission, greatly improving the stability and synchronization of the lifting units





b. 定向吹气排屑，减少封边带丝状物卡阻大小圆盘，增进封边效果


b. Directional blowing and chip removal, prevent filaments jam the small and big disks improve the edge banding effect

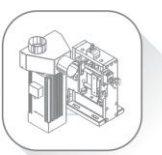
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a. 重型钢结构一体导轨
Heavy-duty steel structure integrated rail
- 

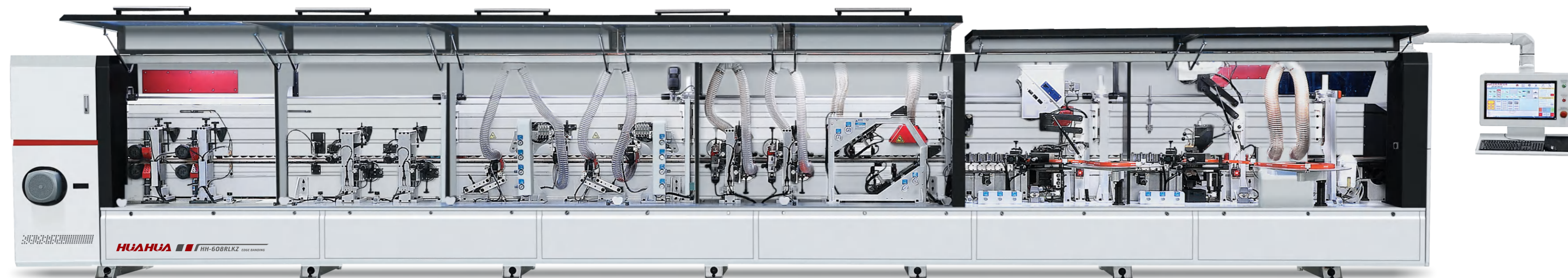
b. 涡轮蜗杆升降
Turbine worm lifting
- 

c. 重型款铝材压梁
Heavy-duty aluminum pressure beam
- 

d. 电动抛光
Electric buffing
- 

e. 定向排屑刮边
Directional chip removal scraping
- 

f. 可选配开槽
Grooving optional



- 

电动抛光2
Electric buffing 2
- 

电动抛光1
Electric buffing 1
- 

清洗
Cleaning
- 

断丝
Off-cut
- 

R2刮边
R2 Scraping
- 

R1刮边
R1 Scraping
- 

四角仿形跟踪
Four corner Rounding
- 

R2精修
R2 fine trimming
- 

R1精修
R1 fine trimming
- 

双导轨齐头
Double rails end cutting
- 

贴边2
Pressing 2
- 

EVA涂胶
EVA glue
- 

快速溶胶2
Quick melt 2
- 

贴边1
Pressing 1
- 

PUR涂胶
PUR glue
- 

快速溶胶1
Quick melt 1
- 

预铣
Pre-milling
- 

分离
Releasing

HH-608RLK EDGE

高速直线封边机

High-speed linear edge banding machine

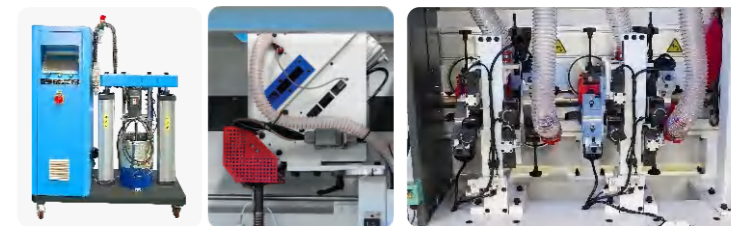


工艺流程解析
Process analysis

无惧胶线问题
多功能高速封边，满足多种封边需求
可选配胶机和四通道换带



No fear of glue line problems
Multifunctional high-speed edge banding to meet various edge banding needs
Optional glue machine and four-channel tape change



a. PUR胶机、胶锅装置，全新设计快速溶胶，让封边效果更完美

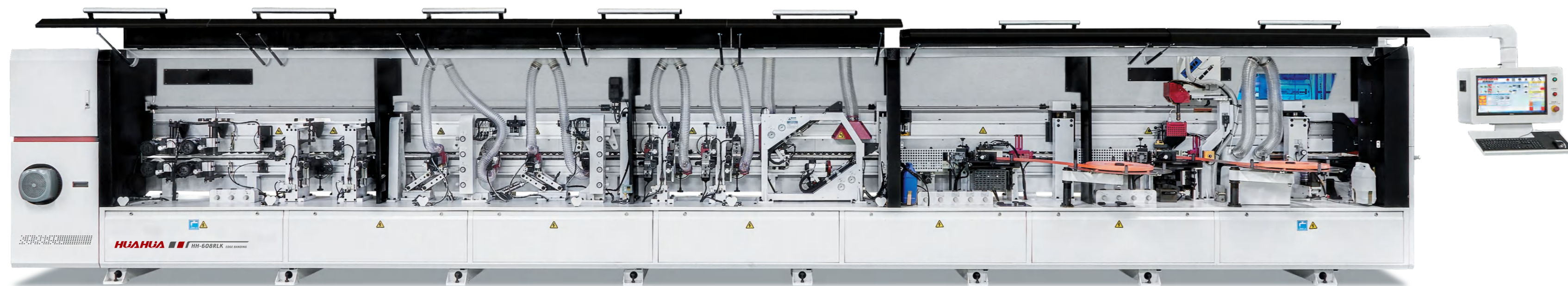
b. 加工板材封边条上下多余的封边材料，使其铣削的弧形更美观

a. PUR glue machine, glue pot device, new design for fast sol, make the edge banding effect more perfect

b. Process excess tape on the top and bottom of panel to make the trimming arc more beautiful



a. 可选配PUR
PUR optional
b. 双精修装置
Double fine trimming
c. 高效封边
Efficient edge banding
d. 双涂胶机构
Double gluing



HH-586RLK(45) EDGE

双胶锅端头封边机

Narrow panel edge banding machine with double gluing unit

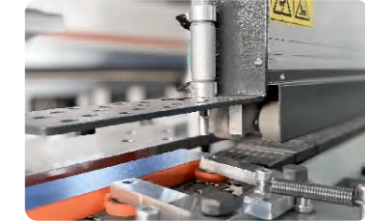


工艺流程解析
Process analysis

端头封边，不惧窄板
升级高端配置，大大提升封边效果



Narrow panel edge banding
Upgrade high-end configuration, greatly improve the edge banding effect




a. 小板辅助送料装置，最小可以完成端头板45*200mm长窄边40*300mm封边加工

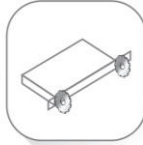
a. Small panel auxiliary feeding device, the minimum can be completed the narrow panel 45*200mm, long narrow side 40*300mm edge processing

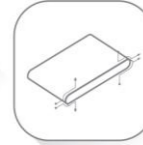



b. 4个强力压轮+1个胶轮，加大压轮直径为150mm，自带刮刀喷洗余胶，胶轮包覆性更好，贴合更紧密

b. 4pcs strong press wheel+1pc rubber wheel, Enlarged the press wheel diameter to 150mm with a scraping cutter and automatically clean the residual glue, The rubber wheel has better coating performance, Stick with edge banding tape more tightly

- 

a. 4+1压轮
4+1 press wheels
- 

b. 前后齐头
End cutting
- 

c. 高速四角跟踪
Four-corner rounding
- 

d. 端头窄封边
Narrow panel edge banding



- 

抛光2
Buffing 2
- 

抛光1
Buffing 1
- 

平刮
Flat scraping
- 

R2刮边
R2 Scraping
- 

R1刮边
R1 Scraping

- 

四角仿形跟踪
Four Corner Rounding

- 

R2精修
R2 fine trimming
- 

R1精修
R1 fine trimming

- 

前后齐头
End cutting

- 

贴边2
Pressing 2
- 

EVA涂胶
EVA glue

- 

贴边1
Pressing 1
- 

PUR涂胶
PUR glue
- 

快速溶胶
Quick melt

- 

预铣
Pre-milling
- 

自动润滑
automatic lubrication
- 

分离
Releasing

HH-556RLK EDGE

全自动直线封边机

Automatic Linear Edge Banding Machine

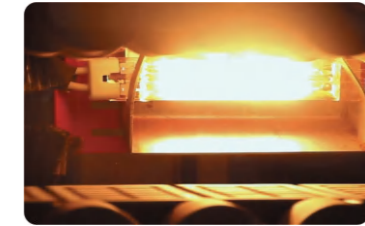


工艺流程解析
Process analysis

多功能双PUR
满足多种高定封边需求
一机两用，性价比为王

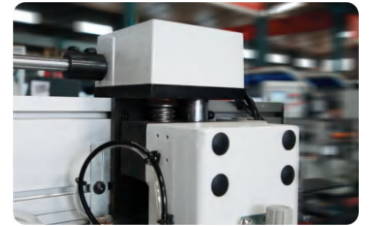


Multifunctional double PUR
Meet a variety of high-definition edge banding needs
One machine for two purposes, cost performance is king



a. 烤灯预热板材边缘后,涂胶封边更严密,封边带粘贴更加牢固

a. After the heating lamp pre-heat the panel edge, glue and edge banding are more tightly, the edge tape is adhered more firmly

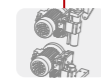


b. 上下升降自动定位,一步到达指定压梁高度

b. Automatic positioning up and down, One step to reach the specified pressure beam height



a. 双抛光装置 Double buffing unit
b. 分离清洗 Releasing and cleaning
c. 跟踪修边 Corner rounding
d. 快速溶胶 Quick melt



抛光2
Buffing 2



抛光1
Buffing 1



柔性平刮
Flexible flat scraping



刮边
Scraping



跟踪修边
Corner rounding



精修
Fine trimming



粗修
Rough trimming



前后齐头
End cutting



贴边
Pressing



PUR涂胶2
PUR glue 2



PUR涂胶1
PUR glue 1



快速溶胶2
Quick melt 2



快速溶胶1
Quick melt 1



预铣
Pre-milling



分离
Releasing

HH-509R EDGE

斜直一体封边机

Inclined and straight edge banding machine

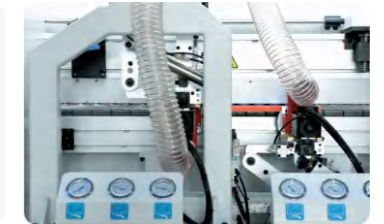
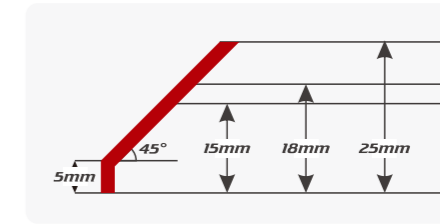


工艺流程解析
Process analysis

斜直一体 一机搞定
自由切换 封边牢固 严丝紧密



Inclined and straight all in one machine
Free switching, strong edge banding

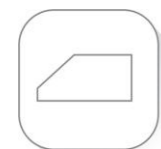
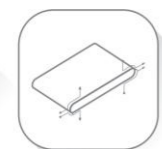
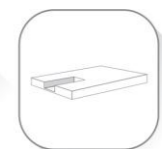



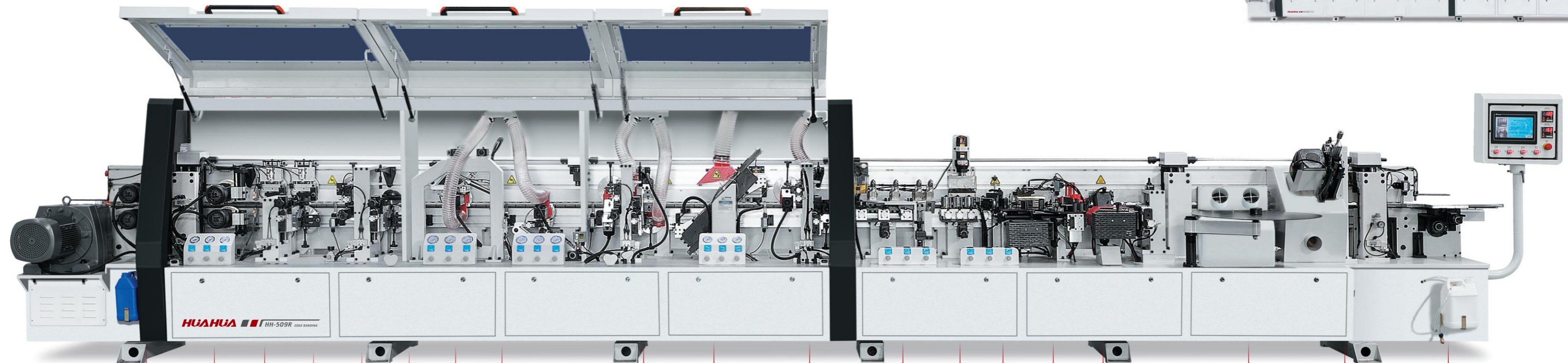
a. 斜边预铣角度可调，铣削刀把板边铣削成斜边，可调整倾斜角度，斜边一次成型

b. 把板材粘合的封边条4个边角铣削为R弧形

a. Inclined surface pre-milling degree is adjustable, milling cutter mills the edge of panel into a inclined surface, the inclination degree can be adjusted, and the inclined surface is formed at one time






a. Mill four corners with tape of the panel into R arcs.

-  a. 斜直一体
Inclined and straight
-  b. 跟踪修边
Corner rounding
-  c. 刻槽装置
Tape grooving
-  d. 预铣装置
Pre-milling



-  抛光2
Buffing 2
-  抛光1
Buffing 1
-  清洗
Cleaning
-  平刮边2
Flat scraping 2
-  平刮边1
Flat scraping 1
-  R2刮边
R2 Scraping
-  R1刮边
R1 Scraping
-  跟踪修边
Corner rounding

-  精修
Fine trimming
-  前后齐头
End cutting
-  粗修
Rough trimming

-  斜边压贴
Inclined edge pressing
-  直边压贴
Straight edge pressing
-  直边涂胶
Straight edge gluing
-  封边带刻槽
Tape grooving
-  斜面涂胶
Inclined edge gluing

-  直边预铣
Straight edge pre-milling
-  斜锯
Inclined edge milling
-  分离
Releasing

HH-506RL EDGE

直线封边机

Straight edge banding machine



工艺流程解析
Process analysis

高效稳定 完美封边
多功能封边神器，省时省“薪”

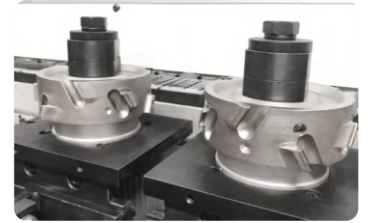


Efficient and stable, perfect edge banding
Multi-function edge banding machines, saving time, labor cost



a.通过四个压贴轮进行加压，使板材和封边带贴合更加牢固

a. Pressurized by four pressing wheels to make panel and tape stick more firmly

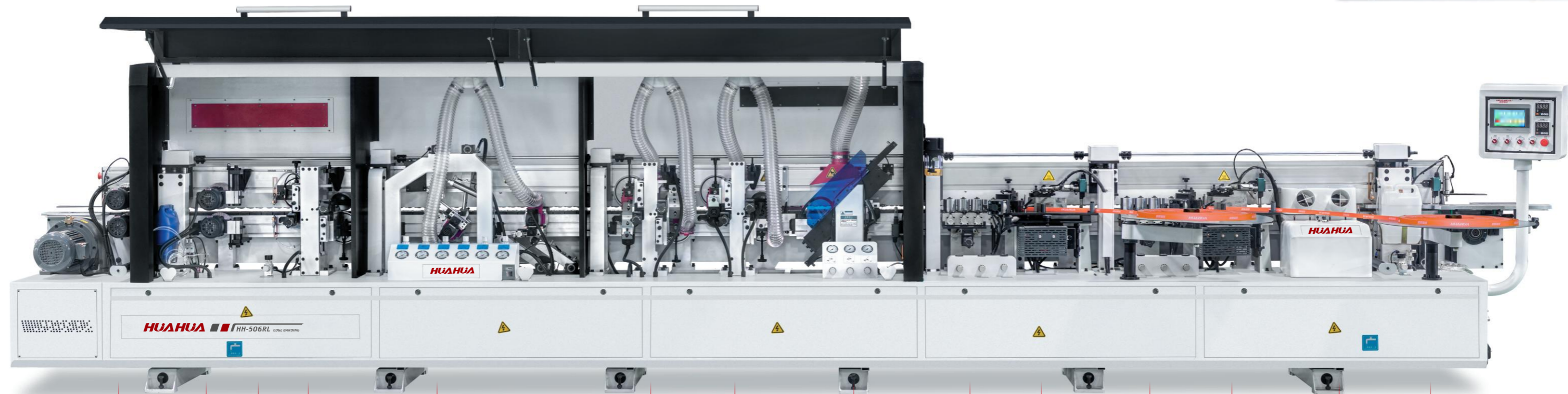


b.预铣单元使封边条与板材贴合更紧密，整体性和美观度更佳

b. Pre milling unit make the tape and panel stick more firmly, better integrity and aesthetics



a. 四轮压贴 Four-wheels pressing
b. 预铣装置 Pre-milling
c. 跟踪修边 Corner rounding
d. 双抛光装置 Double buffing

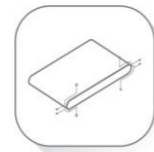


抛光2 Buffing 2
抛光1 Buffing 1
清洗 Cleaning
刮边 Scraping
跟踪修边 Corner rounding
精修 Fine trimming
粗修 Rough trimming
前后齐头 End cutting
贴边2 Pressing 2
涂胶2 glue 2
贴边1 Pressing 1
涂胶1 glue 1
预铣 Pre-milling
分离 Releasing

HH-506R EDGE

直线封边机

Straight edge banding machine



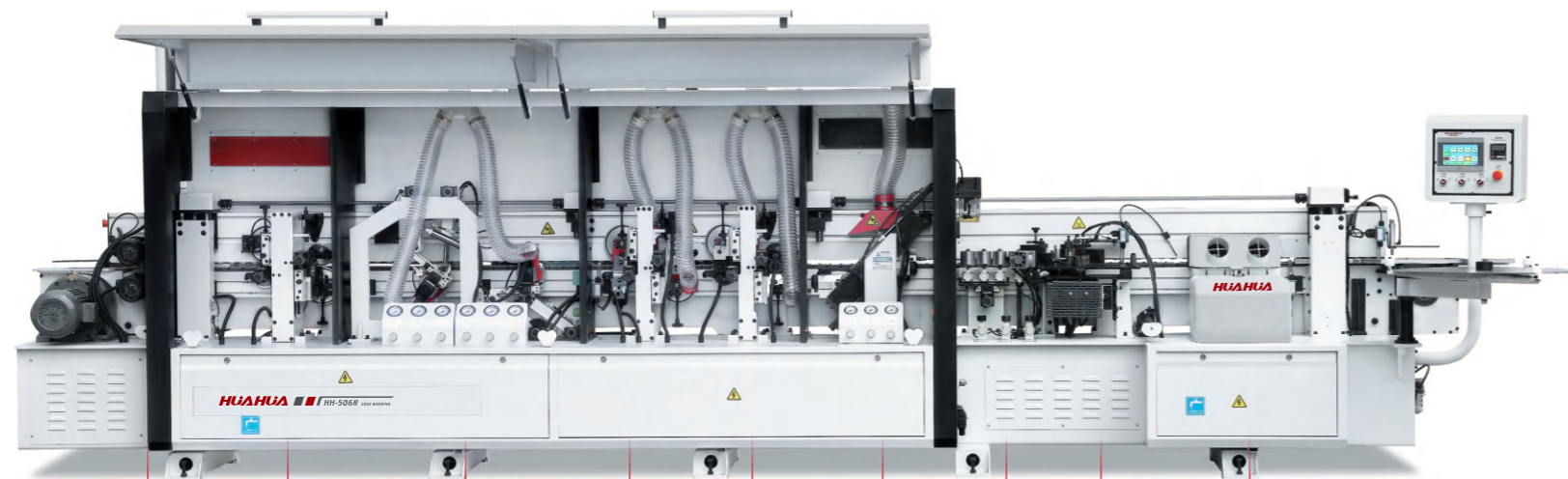
a. 跟踪修边
Corner rounding



b. 预铣装置
Pre-milling



工艺流程解析
Process analysis



抛光
Buffing



刮边
Scraping



跟踪修边
Corner rounding



精修
Fine trimming



粗修
Rough trimming



前后齐头
End cutting



贴边
Pressing



涂胶
Glue



预铣
Pre-milling

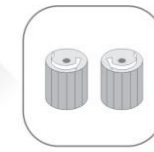
HH-506 EDGE

直线封边机

Straight edge banding machine



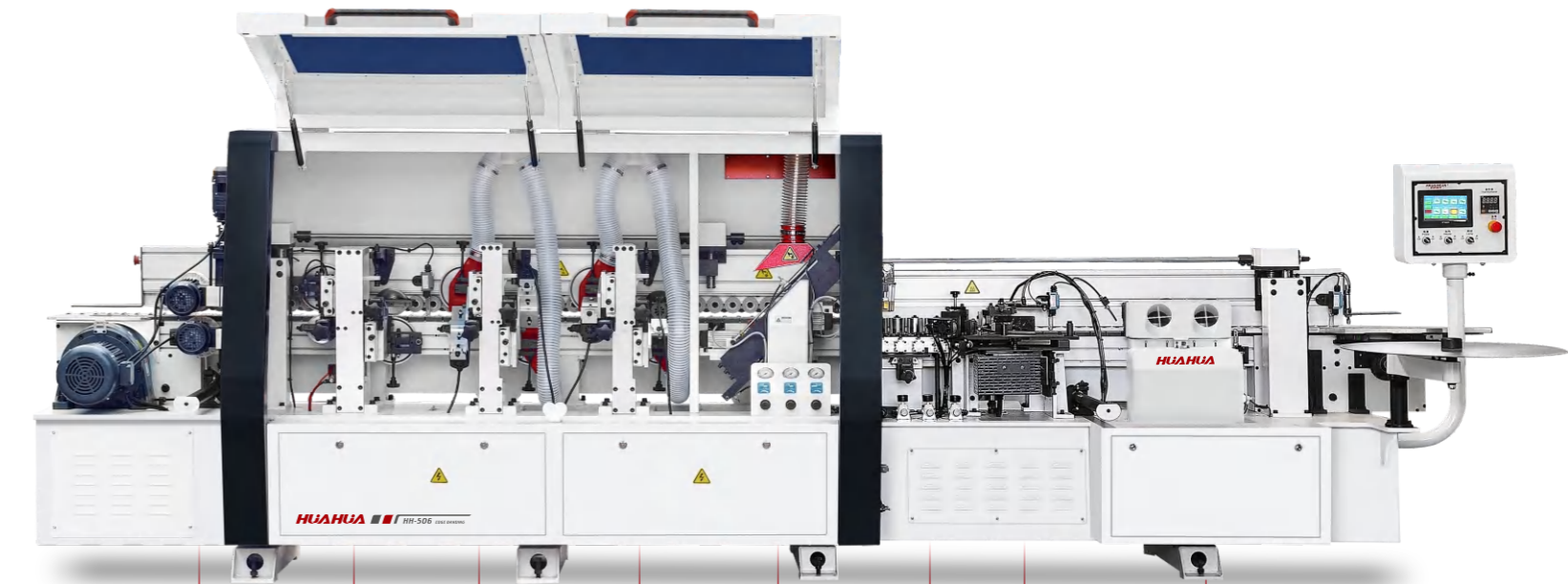
a. 四轮压贴
Four-wheels pressing



b. 预铣装置
Pre-milling



工艺流程解析
Process analysis



抛光
Buffing



刮边
Scraping



精修
Fine trimming



粗修
Rough trimming



前后齐头
End cutting



贴边
Pressing



涂胶
Glue

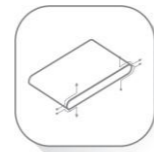


预铣
Pre-milling

HH-505RLF EDGE

直线封边机

Straight edge banding machine



a.跟踪修边
Corner rounding



b.双涂胶机构
Double gluing



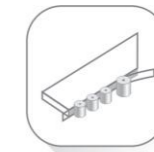
工艺流程解析
Process analysis



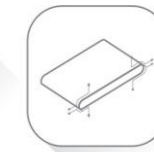
HH-505R EDGE

直线封边机

Straight edge banding machine



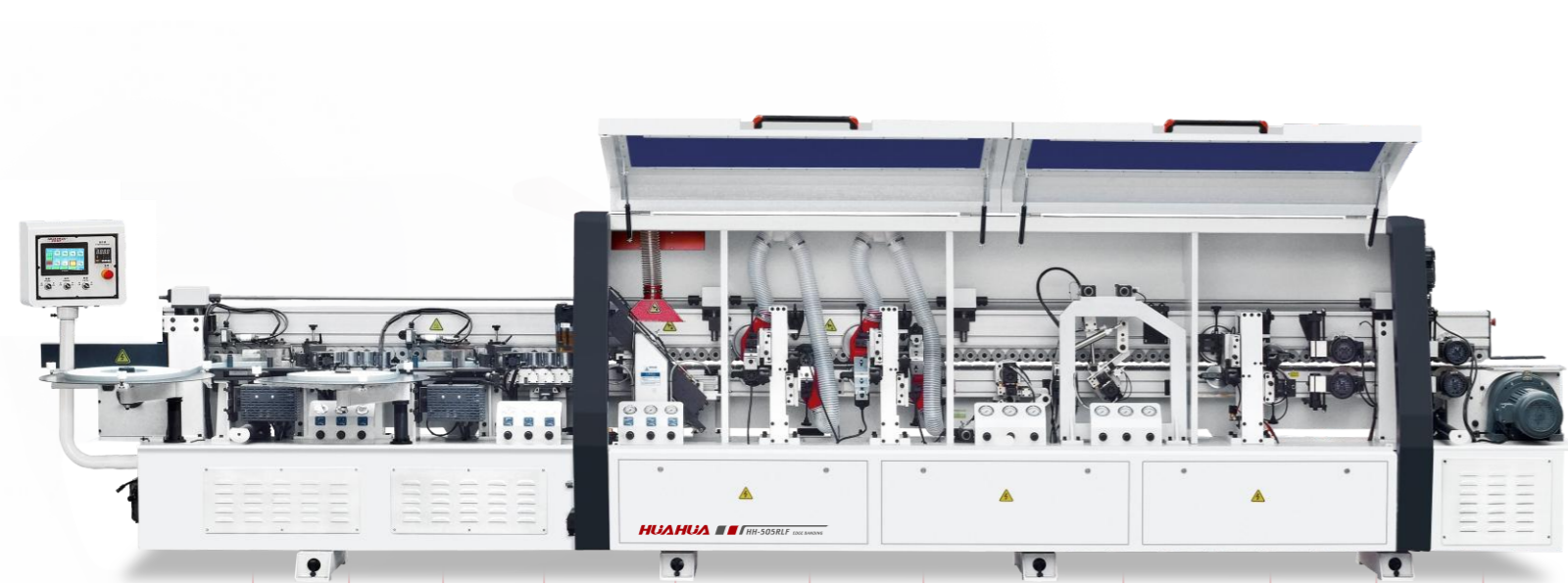
Four-wheels pressing



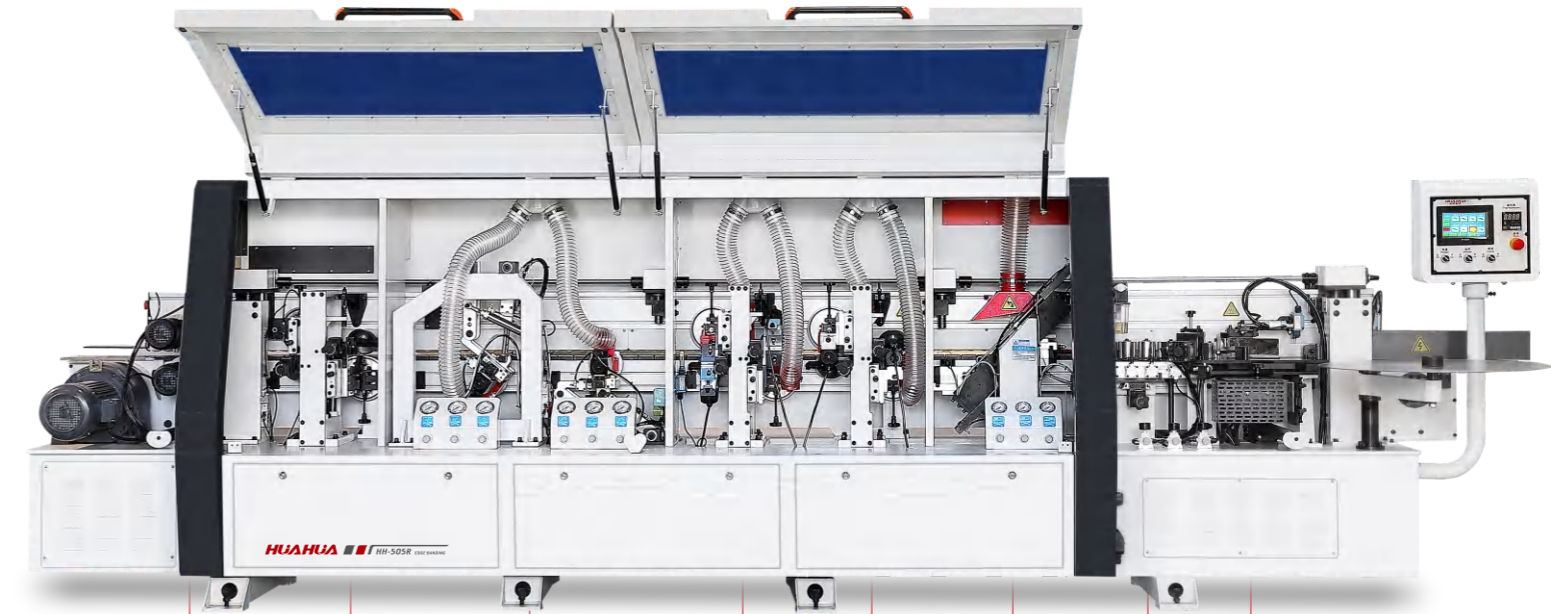
b.跟踪修边
Corner rounding



工艺流程解析
Process analysis



- 涂胶1
Glue1
- 贴边1
Pressing 1
- 涂胶2
Glue2
- 贴边2
Pressing 2
- 前后齐头
End cutting
- 粗修
Rough trimming
- 精修
Fine trimming
- 跟踪修边
Corner rounding
- 刮边
Scraping
- 抛光1
Buffing1
- 抛光2
Buffing2



- 抛光
Buffing
- 刮边
Scraping
- 跟踪修边
Corner rounding
- 精修
Fine trimming
- 粗修
Rough trimming
- 前后齐头
End cutting
- 贴边
Pressing
- 涂胶
Glue

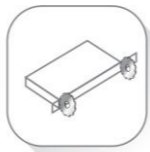
HH-505 EDGE

直线封边机

Straight edge banding machine



a. 四轮压贴
Four-wheels pressing



b. 前后齐头
End cutting

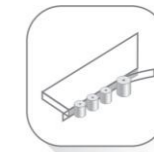


工艺流程解析
Process analysis

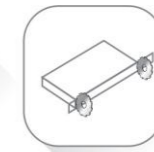
HH-504 EDGE

直线封边机

Straight edge banding machine



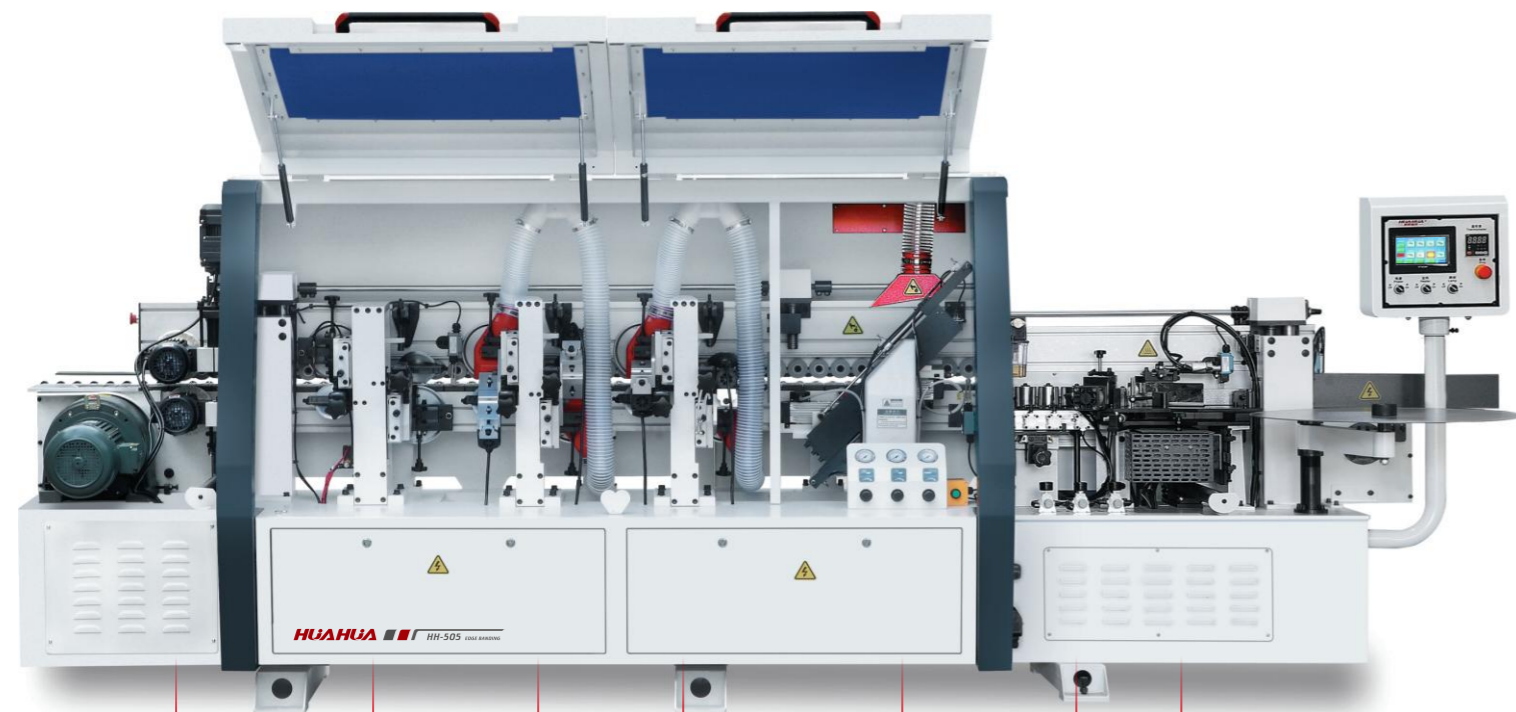
a. 四轮压贴
Four-wheels pressing



b. 前后齐头
End cutting



工艺流程解析
Process analysis



抛光
Buffing



刮边
Scraping



精修
Fine trimming



粗修
Rough trimming



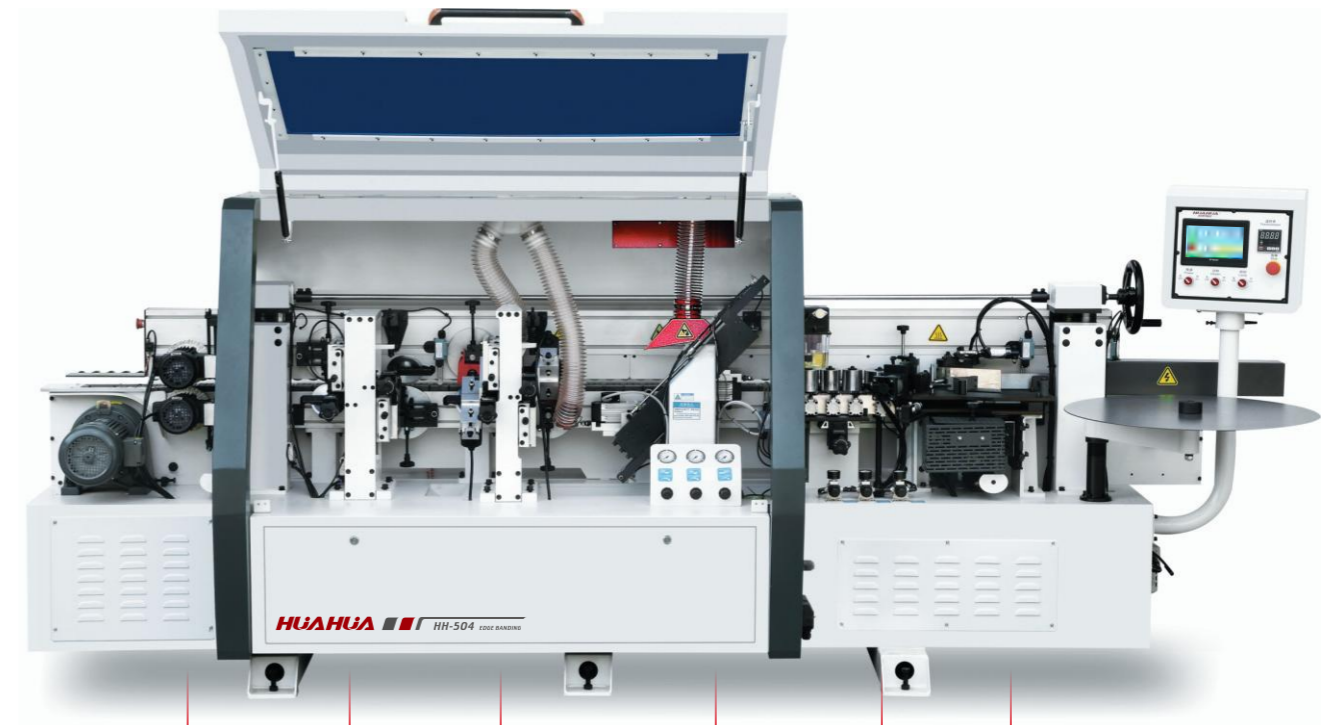
前后齐头
End cutting



贴边
Pressing



涂胶
Glue



抛光
Buffing



刮边
Scraping



精修
Fine trimming



前后齐头
End cutting



贴边
Pressing



涂胶
Glue

6系列配置特点 6 series < 预铣机构装置 Pre-milling > 5系列配置特点 5 series



预铣单元修整开料后板材边部，铣削板材表面波纹、膨胀边沿，使封边条与板材贴合更紧密，整体性和美观度更佳

Pre-milling unit mills the edge of the panel after cutting, mills the ripple and swelling edge of the panel surface, so that the tape and panel stick more firmly, better integrity and aesthetics.

6系列配置特点 6 series < 涂胶贴边装置 Gluing > 5系列配置特点 5 series



压贴单元使板材和封边带贴合，把板材上面粘合好的封边带通过压贴轮进行加压，使板材和封边带贴合更加牢固

Pressing unit make the panel and tape stick together, pressurized by pressing wheels to make panel and tape stick more firmly.

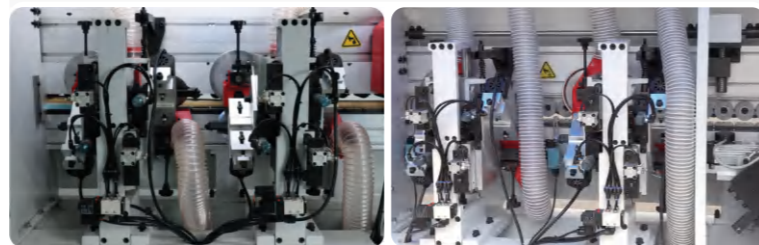
6系列配置特点 6 series < 前后齐头装置 Endcutting > 5系列配置特点 5 series



采用靠模自动跟踪和高频高速电机快速切削结构把板材前端突出的封边带和板材后端突出的封边带进行修整，使之与板材前端和后端齐平

Adopting automatic profiling and high-frequency high-speed motor fast tape cutting structure, Cut the rest tape in front and back of the panel, make the tape and panel flush in the front and back.

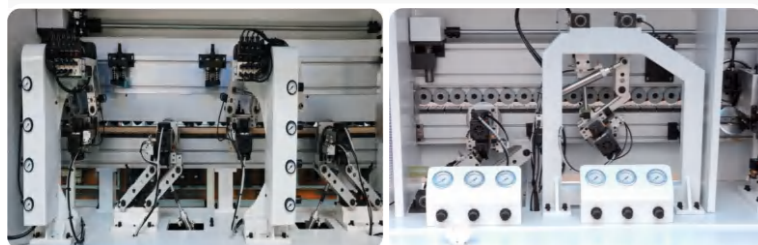
6系列配置特点 6 series < 精修装置 Fine trimming > 5系列配置特点 5 series



采用大小圆盘自动跟踪和高频高速电机结构，修去加工板材封边条上下多余的封边材料，使其铣削成为带R弧形的边

Adopting automatic tracking of the large and small discs, high-frequency and high-speed motor structure, trim the excess tape on the top and bottom of the panel, make it into an edge with an R arc.

6系列配置特点 6 series < 跟踪修边装置 Corner rounding > 5系列配置特点 5 series



采用仿形轮左右活动靠模修圆角装置把板材粘合的封边带4个边角铣削为R弧形。可实现4种不同仿形效果

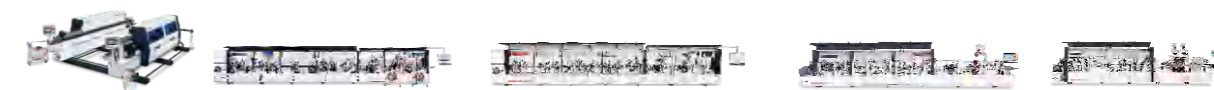
Adopting left and right movable profiling rounding device, trim four corners of the panel with tape into an R arc shape, which can achieve 4 different corner rounding effects.

6系列配置特点 6 series < 抛光装置 Buffing > 5系列配置特点 5 series



通过旋转中的两个布轮，清理加工好的板材，使封边端面更加光滑，美观，并让抛光轮保持磨损均匀

Through two rotating cloth wheels, panels are cleaned, make the edge banding surface smoother and more beautiful, keep buffing wheel uniform wear.



型号参数 Model HH-2505R HH-688RLKHZ HH-608RLKZ/608RLK HH-586RLK(45) HH-556RLK

参数	Model	HH-2505R	HH-688RLKHZ	HH-608RLKZ/608RLK	HH-586RLK(45)	HH-556RLK
工件长度	Panel length	≥300mm	≥150mm	≥120mm	最小端头板: 45*200mm Min narrow short side: 45*200mm	≥120mm
工件宽度	Panel width	≥300mm	≥100mm	≥95mm	最小长窄边: 40*300mm Min narrow long side: 40*300mm	≥95mm
工件厚度	Panel thickness	10-60mm	10-50mm	10-60mm	10-60mm	10-60mm
封边带宽度	Tape width	13-63mm	13-53mm	13-63mm	13-63mm	13-63mm
封边带厚度	Tape thickness	0.4-3.0mm	0.4-3.0mm	0.4-3.0mm	0.4-3.0mm	0.4-3.0mm
进给速度	Feeding speed	15-18-20m/min	20-24-28m/min	20-23-26m/min	18-20-23m/min	15-18-20m/min
整机功率	Total power	25.4kw	36.97kw	31.8kw	27.5kw	24kw
工作气压	Working pressure	0.65mpa	0.65mpa	0.65mpa	0.65mpa	0.65mpa
外形尺寸	Overall size	6320*4810*1700mm	11700*1100*1850mm	11700*1100*1800mm 11170*1100*1800mm	9763*900*1900mm	7575*900*1900mm
重量	Weight	4500kg	6500kg	4000kg	3100kg	2600kg



HH-509R HH-506RL HH-506R HH-506 HH-505RLF HH-505R HH-505 HH-504

≥160mm	≥120mm	≥120mm	≥100mm	≥120mm	≥120mm	≥100mm	≥100mm
≥160mm	≥95mm	≥95mm	≥80mm	≥95mm	≥95mm	≥80mm	≥80mm
15-25mm	10-60mm	10-60mm	10-60mm	10-60mm	10-60mm	10-60mm	10-60mm
10-60mm	13-63mm	13-63mm	13-63mm	13-63mm	13-63mm	13-63mm	13-63mm
0.4-3.0mm	0.4-3.0mm	0.4-3.0mm	0.4-3.0mm	0.4-3.0mm	0.4-3.0mm	0.4-3.0mm	0.4-3.0mm
15-18-20m/min	15-18-20m/min	15-18-20m/min	15-18-20m/min	15-18-20m/min	15-18-20m/min	15-18-20m/min	15-18-20m/min
31.3kw	21kw	17.2kw	16.4kw	17.1kw	13.2kw	10.7kw	8.8kw
0.65mpa	0.65mpa	0.65mpa	0.65mpa	0.65mpa	0.65mpa	0.65mpa	0.65mpa
9300*900*1600mm	8050*1000*1700mm	6660*1000*1700mm	5500*1000*1700mm	7140*1000*1700mm	5810*1000*1700mm	4500*1000*1700mm	4000*1000*1700mm
3000kg	2700kg	2500kg	2200kg	2200kg	1900kg	1700kg	1400kg

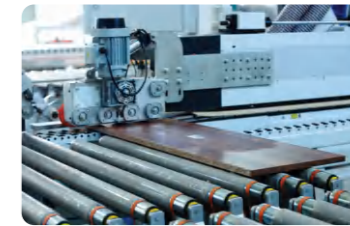
HH-506R EDGE

封边机左右连线

Edge banding machine line (left and right)

左右封边连线封完两边才落地
减少落地次数 封边效率更高

Left and right edge banding, only need transfer one time, more efficient



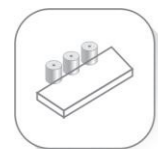
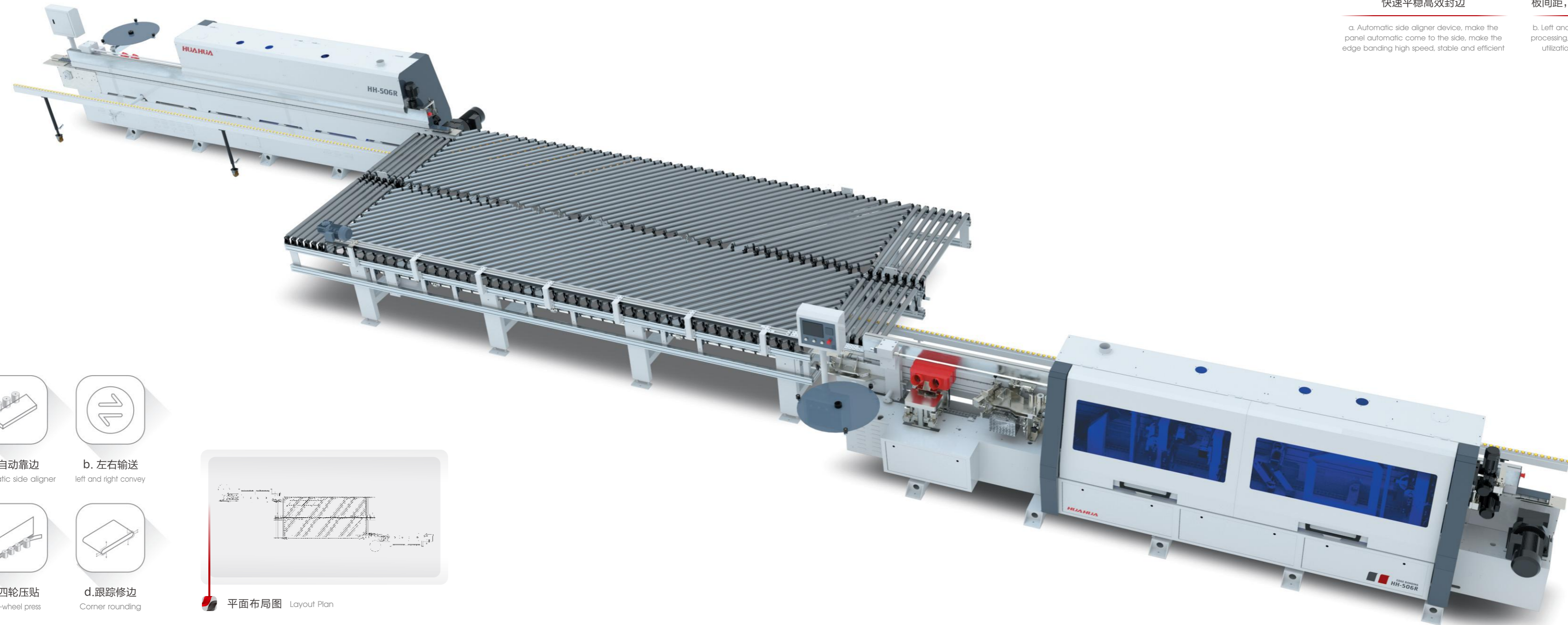
a.自动靠边装置,使板材自动靠边
快速平稳高效封边

a. Automatic side aligner device, make the panel automatic come to the side, make the edge banding high speed, stable and efficient



b.左右输送装置,通过式加工,缩短板间距,让每台封边机利用率最大化

b. Left and right conveying device,through-type processing, shorten panel distance, maximize the utilization of each edge banding machine



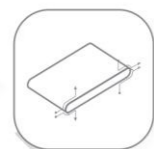
a.自动靠边
Automatic side aligner



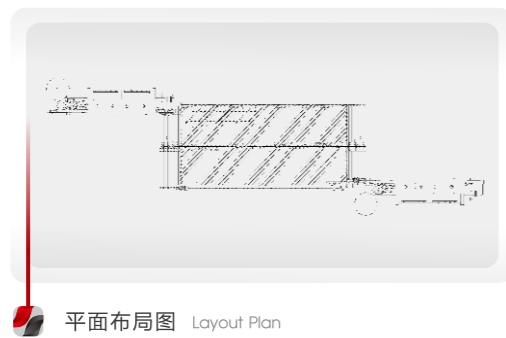
b.左右输送
left and right convey



c.四轮压贴
Four-wheel press



d.跟踪修边
Corner rounding



平面布局图 Layout Plan



工艺流程解析
Process analysis

SKH

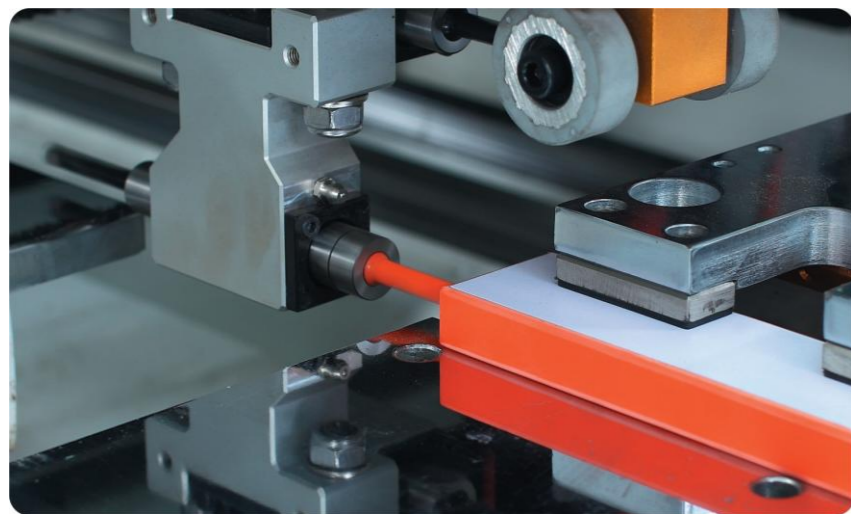


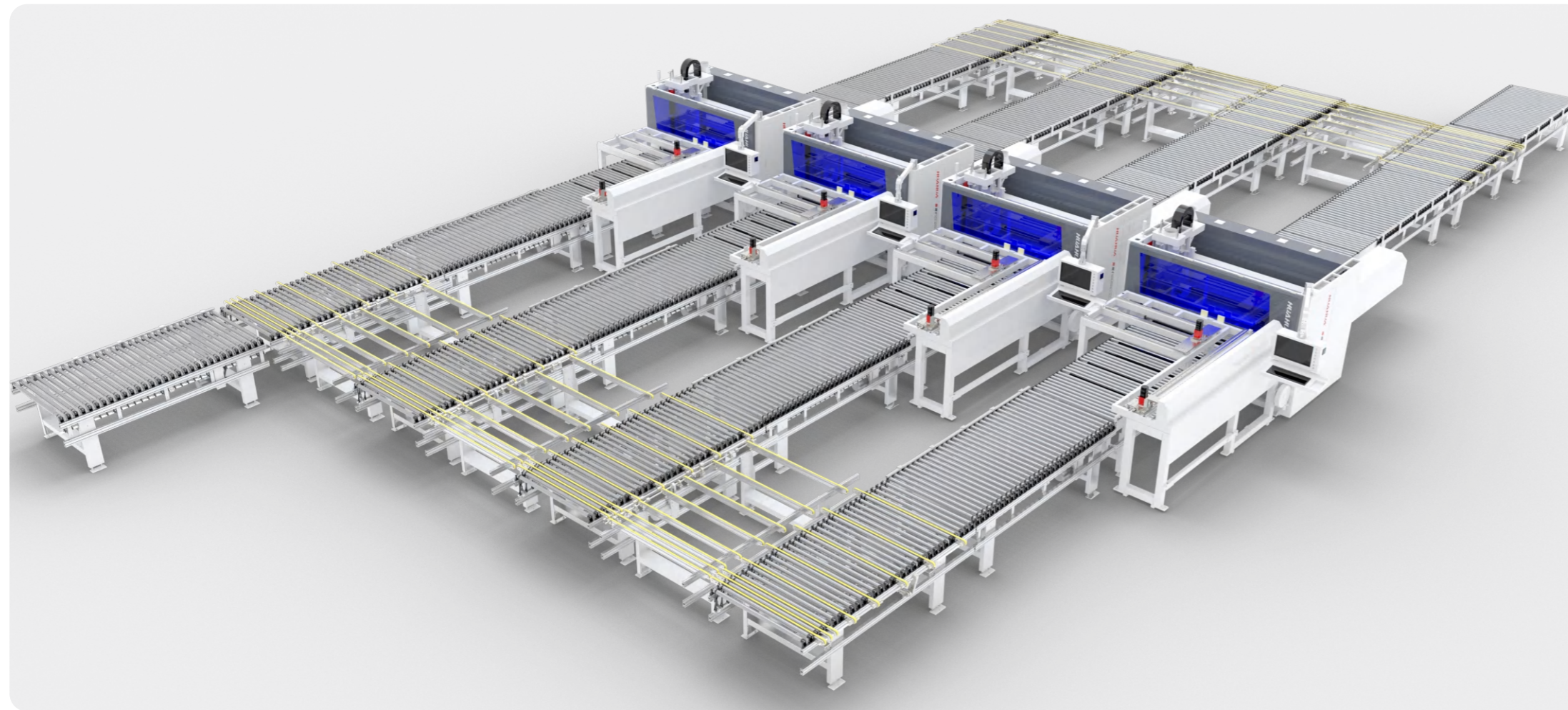
数控钻铣 无懈可击

智能拆单，通过式排线，运行无懈可击

CNC drilling & milling

Intelligent nesting, Pass-through cable layout, running impeccable





工艺流程解析
Process analysis

多种钻铣连线方案 满足不同应用需求

根据场地、产能、工艺和工序来选择不同的方案
加工模块化工作站，柔性支持多种组合，因地制宜让生产效率最大化

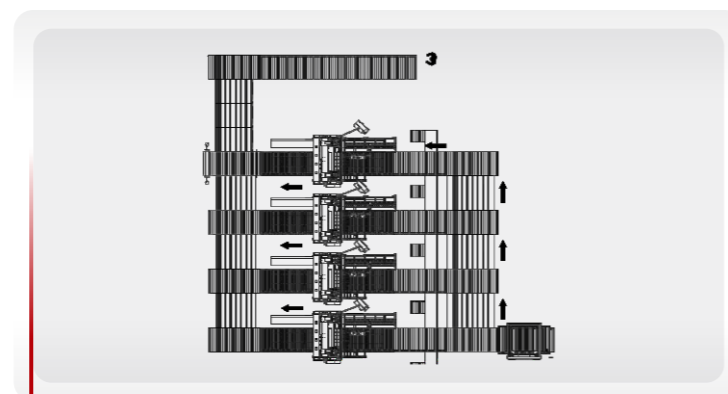


A variety of drilling & milling connection solutions
Meet the needs of different applications

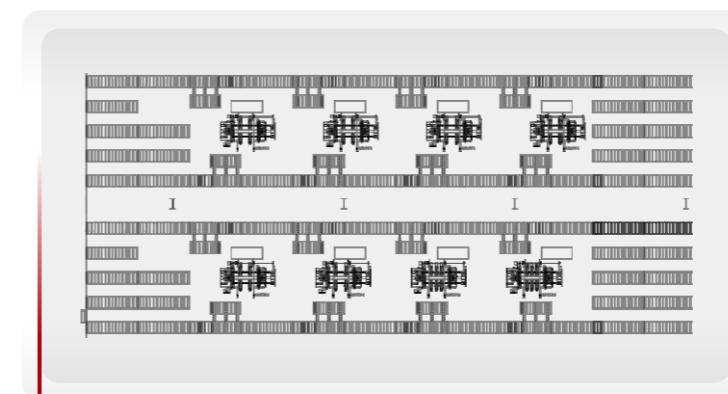
Choose different solutions according to site, capacity, process and working procedure
Processing modular workstations, flexible support for multiple combinations, adapt to local conditions to maximize production efficiency

钻
铣
工作站
连线

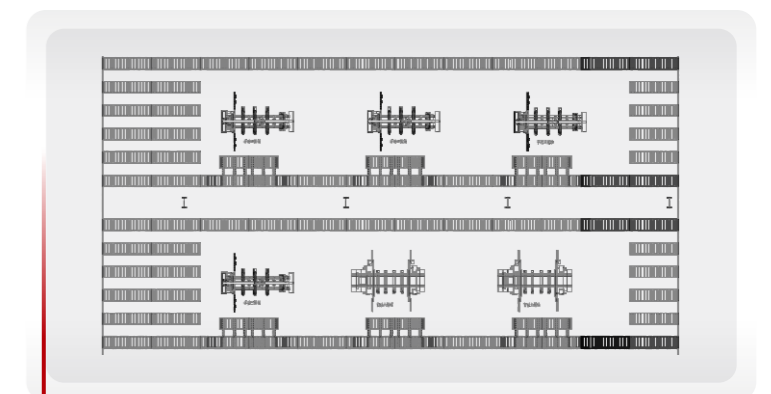
CNC drilling & milling
Workstation Connection



C 六面钻一拖四连线 Four sets of CNC drilling machines line



B 自动四排钻连线 Automatic four-rows drilling machine line



C 自动六排钻连线 Automatic Six rows drilling machine line

MTK-2440 CNC

通过式数控锯切钻

CNC sawing and drilling machine



a. 收集尾料
Collect waste



b. 锯切钻一体
sawing and drilling
working at same time



c. 双面开槽
Double sides
grooving



d. 自动上下料
Automatic loading
and unloading

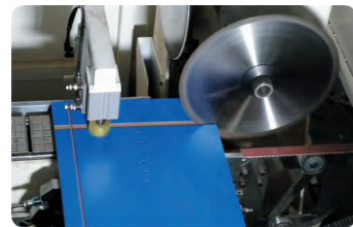
锯、切、钻一次成型 让橱柜侧板加工更标准化

Sawing and drilling forming in one time
Make cabinet side panel processing more standardized



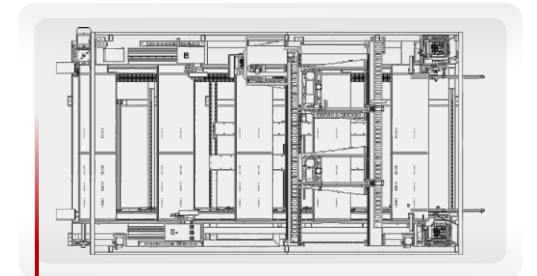
a. 废料回收通道，输送锯切产生的废料，防止废料堆积影响机器正常运作

a. Waste material recycling channel, conveying the waste material generated by sawing, to prevent the accumulation of waste material from affecting the normal operation of the machine



b. 先两端纵向拉槽，再横向拉槽自动打孔、锯切直角

b. First, two ending vertical grooving, then horizontal grooving and automatic drilling, cutting 90° angle



平面布局图 Layout Plan



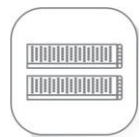
工艺流程解析
Process analysis

型号参数	Model	MTK-2440
外形尺寸	Overall size	6100x2500x1700mm
总功率	Total power	36.5kw
边槽电机	Side groove motor	2x0.75kw 伺服 2x4kw开槽 2x0.75kw servo motor 2x4kw grooving
横槽电机	Horizontal groove motor	3x0.75kw伺服 3kw开槽 3x0.75kw servo motor 3kw grooving
钻排孔及中间槽电机	Drilling motor and middle groove motor	6x0.75kw伺服 3.5kw主轴开槽 2.2kw 3x7钻包打孔 6x0.75kw servo motor 3.5kw main axis grooving 2.2kw 3x7 drill box motor
切角电机	Corner cutting motor	4x3kw 切双角d 2x0.75kw伺服 4x3kw double cutting angle 2x0.75kw servo motor

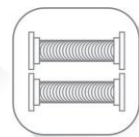
SKH-612HSA ^{CNC}

双工位六面钻铣加工中心

Double worktable automatic six sides CNC drilling machine



a. 双工位
Double worktable



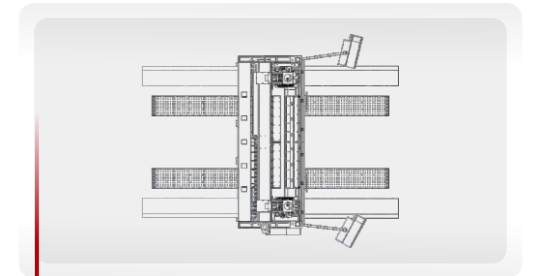
b. 丝杆传动
Ball screw drive



c. 干预报警
Intervention alarm



d. 大小板同时加工
Large and small panel processing at the same time



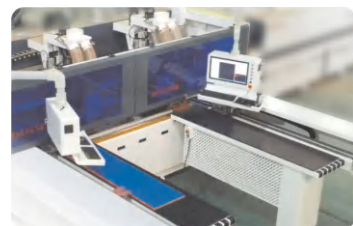
平面布局图 Layout Plan



工艺流程解析
Process analysis

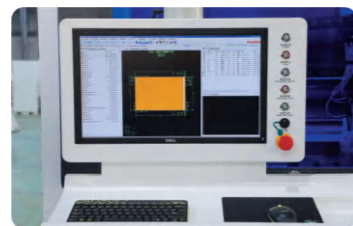
六面钻孔铣型 双工位同步高效加工

Six sides drilling and milling
Double worktable synchronous and efficient processing



a. 双工位上下4个钻包
可同时加工不同尺寸板件

a. Double worktable up and down 4 sets of drilling box, can process different size panels at the same time



b. 系统自动预判左右工位板件尺寸
如有干涉自动报警，保证稳定加工

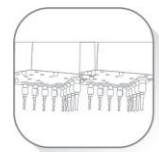
b. The system automatically predicts the size of the left and right worktable panels, and automatically alarms if there is interference to ensure stable processing

型号参数	Model	SKH-612HSA
加工工件长度	Panel length	250-5000mm
双工位加工工件宽度	Panel width of double worktable	50-800mm
单工位加工工件宽度	Panel width of single worktable	50-1200mm
工件厚度	Panel thickness	10-50mm
A/A2轴速度	A/A2 axis speed	30m/min
X/X2: U/U2 轴速度	X/X2: U/U2 axis speed	130m/min
Y/Y2: V/V2 轴速度	Y/Y2: V/V2 axis speed	80m/min
Z/Z2: W/W2 轴速度	Z/Z2: W/W2 axis speed	30m/min
上钻刀具数	Top drilling box drill bits	(垂直16+水平8)*2组 (vertical 16+horizontal 8)*2 sets
下钻刀具数	Bottom drilling box drill bits	垂直9*2组 vertical 9*2 sets
高速主轴电机功率	High speed spindle power	3.5kw
工作台高度	Height of worktable	960mm
总功率	Total power	38.55kw
总重量	Total weight	6400kg
外形尺寸	Overall size	6480x4440x2200mm

SKH-612HS ^{CNC}

双钻包六面钻铣加工中心

Double drilling box automatic six sides CNC drilling machine



a. 双钻包组
Double drilling box



b. 双夹手
Double gripper



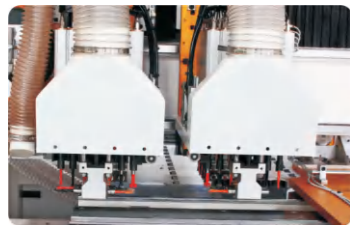
c. 六面钻孔
Six sides drilling



d. 双面开槽
Double sides grooving

六面钻孔铣型 连续通过式高效加工

Six sides drilling and milling
Continuous through type high- efficiency processing



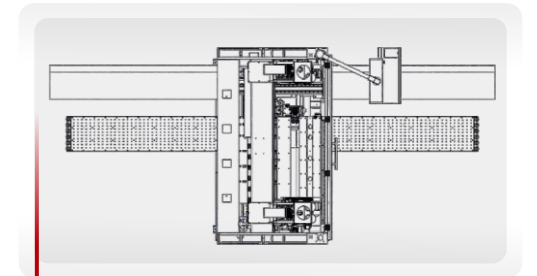
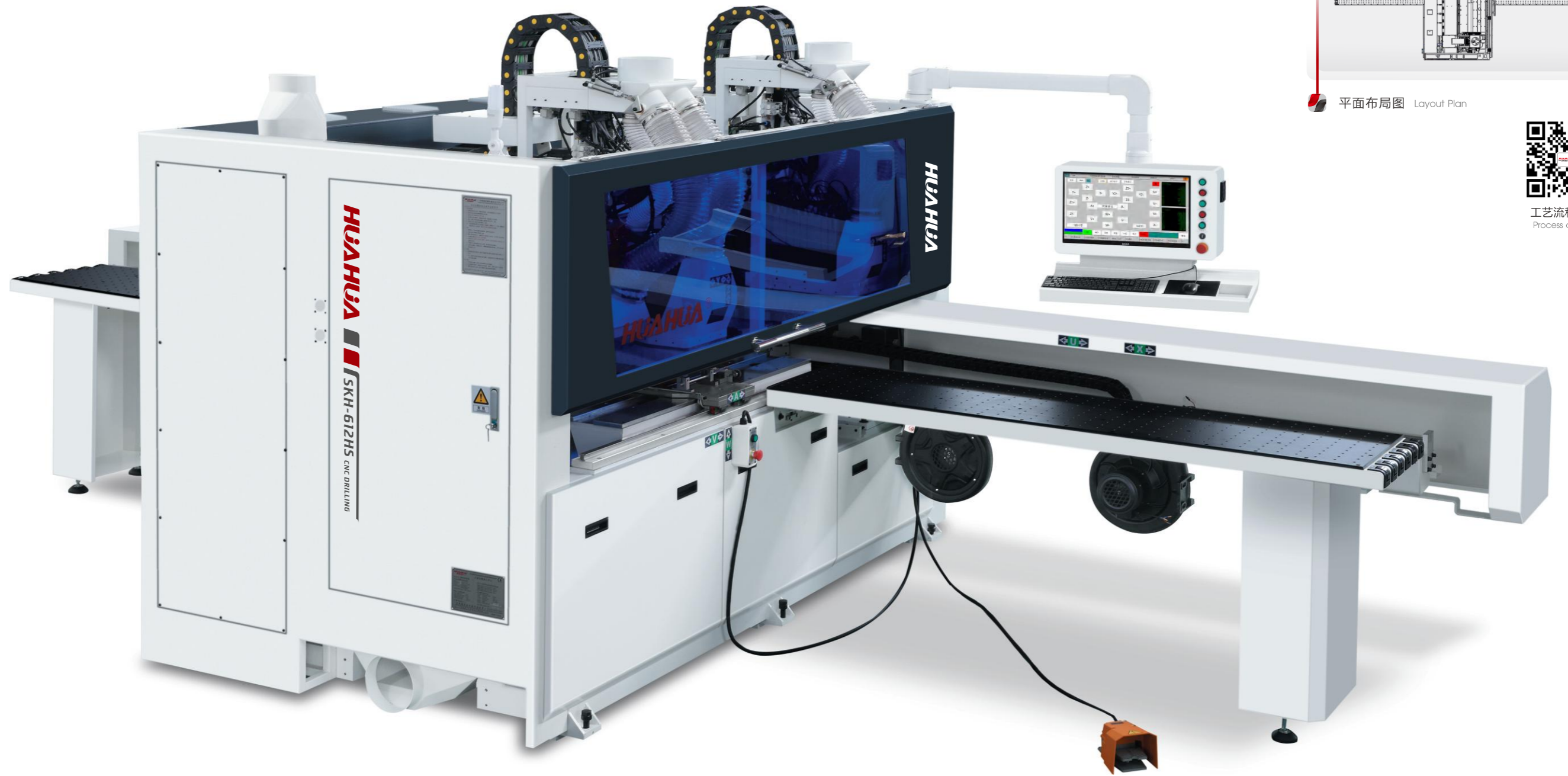
a. 一次加工可完成六面所有孔位及
双面槽位实现快速高效钻铣工作

a. One time processing can complete all holes on six sides and double sides grooving for fast and efficient drilling and milling work



b. 采用双夹手机构，根据电脑钻孔
程序，自动控制送板及定位

b. Double gripper mechanism is adopted to automatically control the panel feeding and positioning according to the computer drilling program



平面布局图 Layout Plan



工艺流程解析
Process analysis

SKH-612H ^{CNC}

六面钻铣加工中心

Automatic six sides CNC drilling machine



a. 六面钻孔
Six sides drilling



b. 下置吸尘装置
bottom dust
collection device



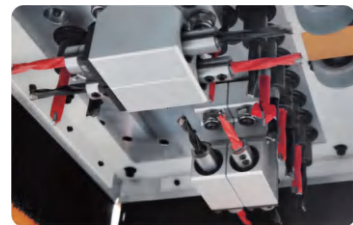
c. 扫码加工
Scan barcode processing



d. 多轴联动
Multi-axis running

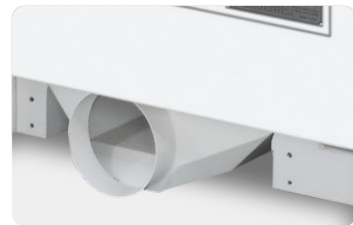
六面钻孔铣型 连续通过式高效加工

Six sides drilling and milling
Continuous through type high- efficiency processing



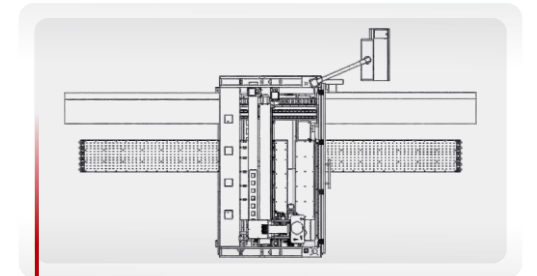
a. 一次加工可完成六面所有孔位及
双面槽位实现快速高效钻铣工作

a. One time processing can complete all holes on
six sides and double sides grooving for fast and
efficient drilling and milling work



b. 下置吸尘装置，收集板材废屑
保障加工顺畅

b. bottom dust collection device collect the
scraps of the panel to ensure smooth processing



平面布局图 Layout Plan

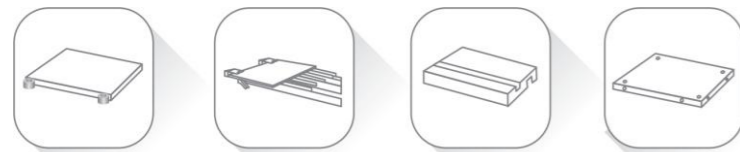


工艺流程解析
Process analysis

SKH-612HZ ^{CNC}

六面钻铣加工中心

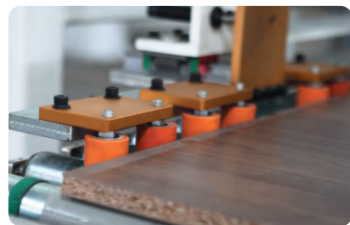
Automatic six sides CNC drilling machine



a. 自动侧靠 Auto side aligning
b. 通过式送料 Through type feeding
c. 双面开槽 Double sides grooving
d. 六面钻孔 Six-sides drilling

六面钻孔铣型 双夹手连续通过式高效加工

Six sides drilling and milling
Double gripper continuous through type high -efficiency processing



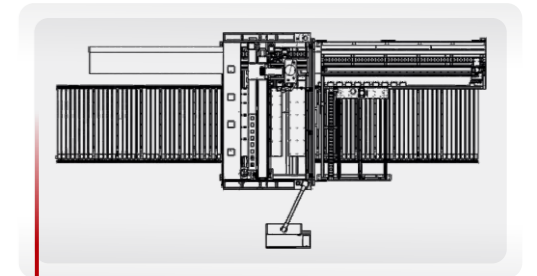
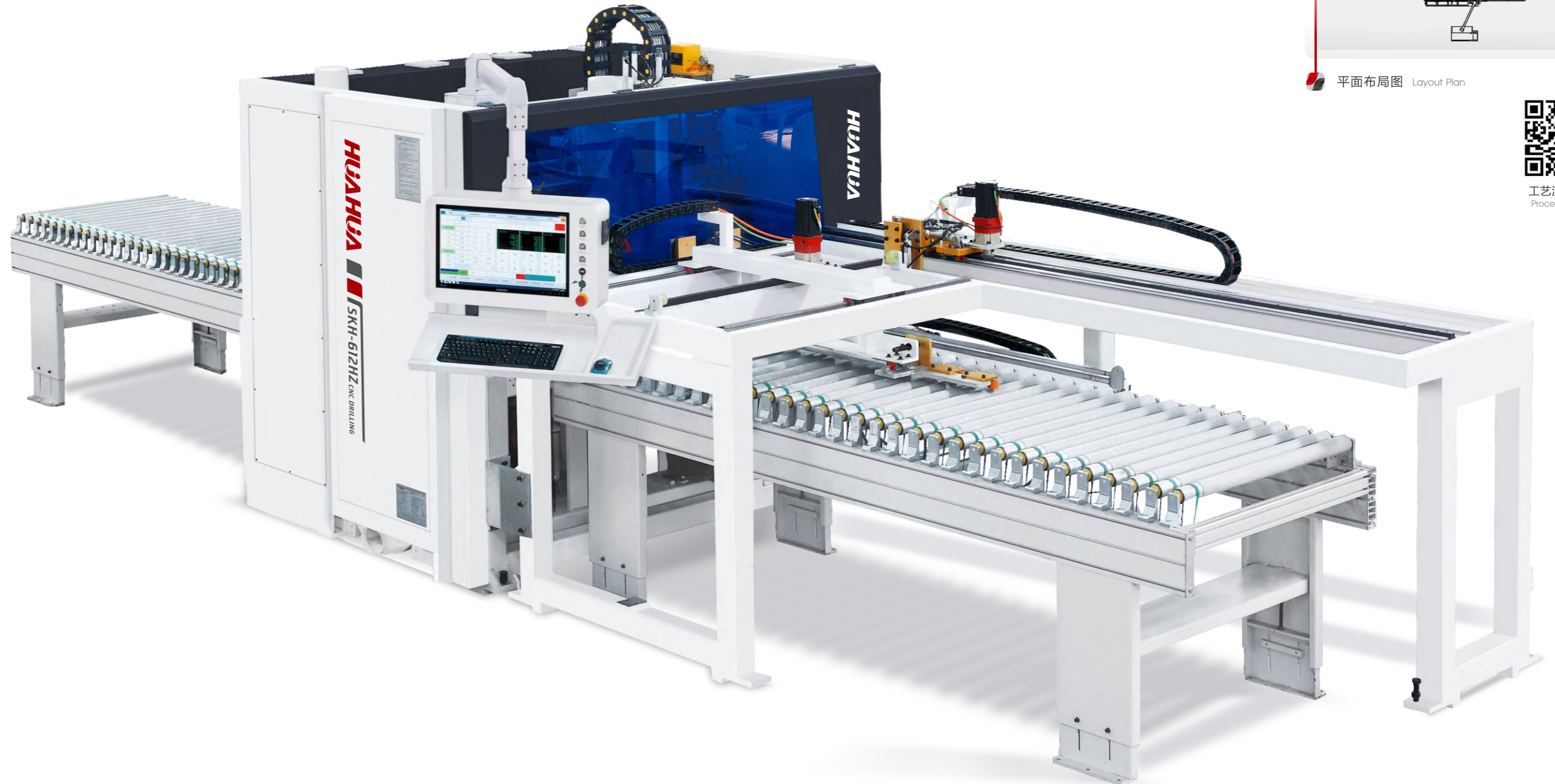
a. 自动控制侧靠档行程，
适应不同工件宽度的定位需要

a. Automatically control the side aligning stroke to adapt to the positioning needs of different panel widths



b. 独立控制从上板-原点定位-靠边定位完成加工

b. Independent control from the loading panel-positioning-side origin positioning to complete processing



平面布局图 Layout Plan

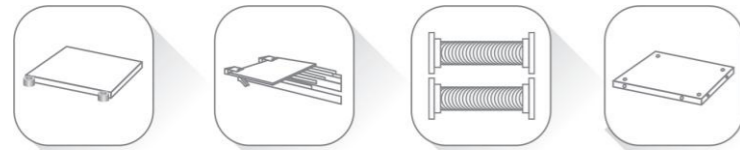


工艺流程解析
Process analysis

SKH-612HT ^{CNC}

六面钻铣加工中心(带刀库)

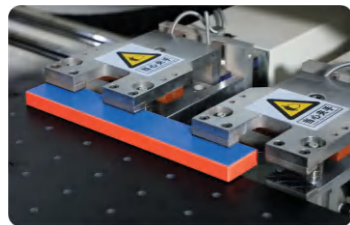
Automatic six sides CNC drilling machine (With ATC tool magazine)



a. 自动侧靠 Auto side aligning
b. 通过式送料 Through type feeding
c. 丝杆传动 Ball screw drive
d. 六面钻孔 Six-sides drilling

六面钻孔铣型 双夹手连续通过式高效加工

Six sides drilling and milling
Double gripper continuous through type high -efficiency processing



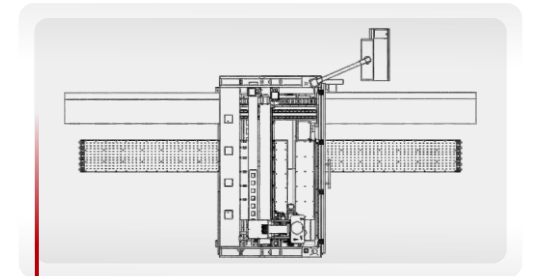
a. 采用双夹手机构,根据电脑钻孔程序,自动控制送料及定位

a. The double gripper mechanism is adopted to automatically control the feeding and positioning of the panel according to the computer drilling program



b. 采用4位直线刀库,根据不同工艺需求自动更换相应刀具

b. Using 4pcs linear ATC tool magazine, the corresponding tools can be automatically replaced according to different process requirements



平面布局图 Layout Plan



工艺流程解析 Process analysis

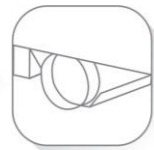
SKH-612M ^{CNC}

六面钻铣加工中心(齿条机)

Automatic six sides CNC drilling machine (Rack and pinion drive machine)



a. 六面钻孔
Six sides drilling



b. 下置吸尘装置
bottom dust
collection device



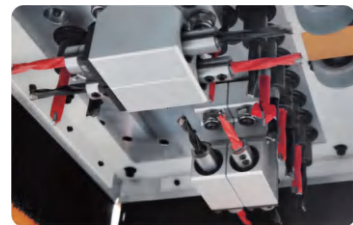
c. 扫码加工
Scan barcode processing



d. 多轴联动
Multi-axis running

六面钻孔铣型 连续通过式高效加工

Six sides drilling and milling
Continuous through type high- efficiency processing



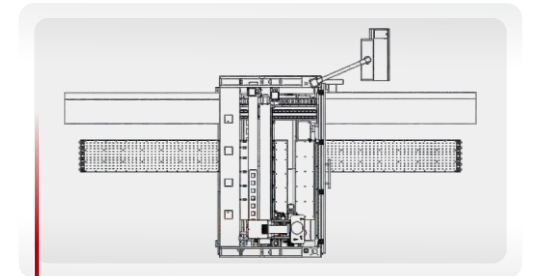
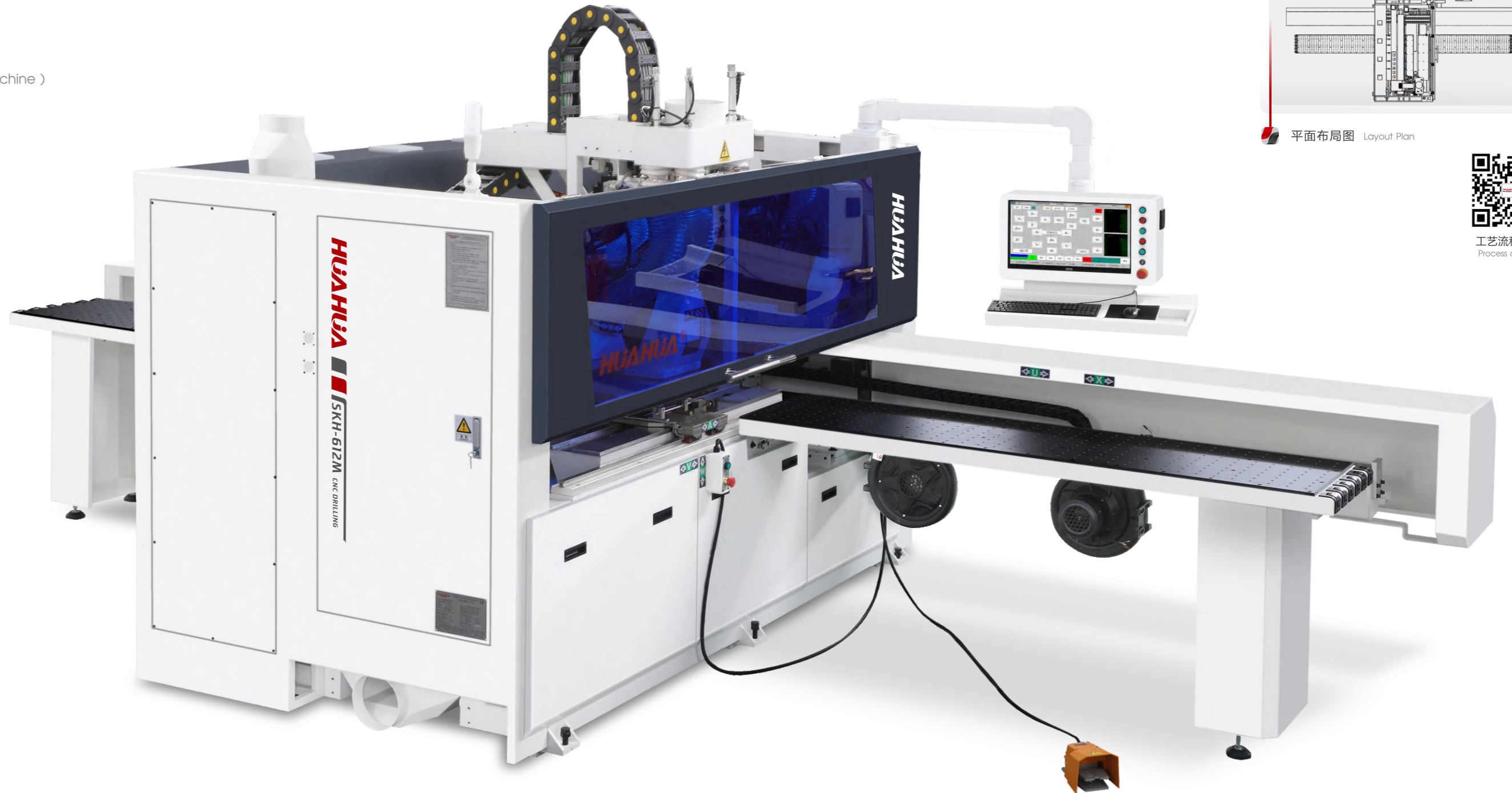
a. 一次加工可完成六面所有孔位及
双面槽位实现快速高效钻铣工作

a. One time processing can complete all holes on
six sides and double sides grooving for fast and
efficient drilling and milling work



b. 下置吸尘装置, 收集板材废屑
保障加工顺畅

b. bottom dust collection device collect the
scraps of the panel to ensure smooth processing



平面布局图 Layout Plan

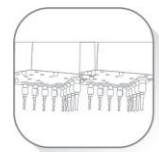


工艺流程解析
Process analysis

SKH-612MS CNC

双钻包六面钻铣加工中心(齿条机)

Double drilling box automatic six sides CNC drilling machine (Rack and pinion drive machine)



a. 双钻包组
Double drilling box



b. 双夹手
Double gripper



c. 六面钻孔
Six sides drilling



d. 双面开槽
Double sides grooving

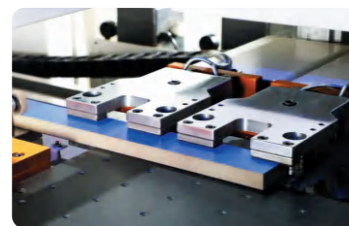
六面钻孔铣型 连续通过式高效加工

Six sides drilling and milling
Continuous through type high- efficiency processing



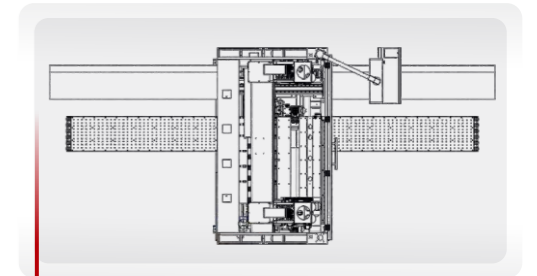
a. 一次加工可完成六面所有孔位及
双面槽位实现快速高效钻铣工作

a. One time processing can complete all holes on six sides and double sides grooving for fast and efficient drilling and milling work



b. 采用双夹手机构，根据电脑钻孔
程序，自动控制送板及定位

b. Double gripper mechanism is adopted to automatically control the panel feeding and positioning according to the computer drilling program



平面布局图 Layout Plan

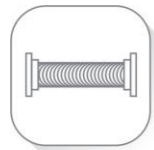


工艺流程解析
Process analysis

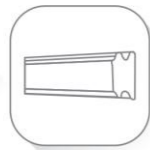
SKH-690 ^{CNC}

六面钻铣加工中心

Automatic six sides CNC drilling machine



a. 丝杆传动
Ball screw drive



b. 精密导轨
Precision guide rail



c. 扫码加工
Scan barcode processing



d. 双面开槽
Double sides grooving

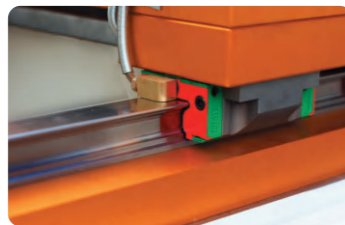
六面钻孔铣型 连续通过式高效加工

Six sides drilling and milling
Continuous through type high- efficiency processing



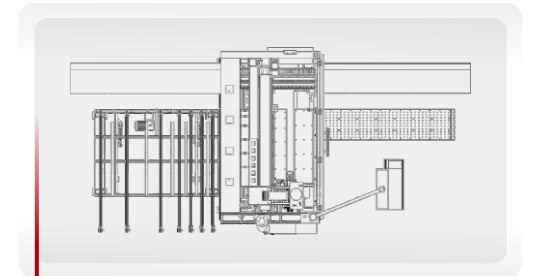
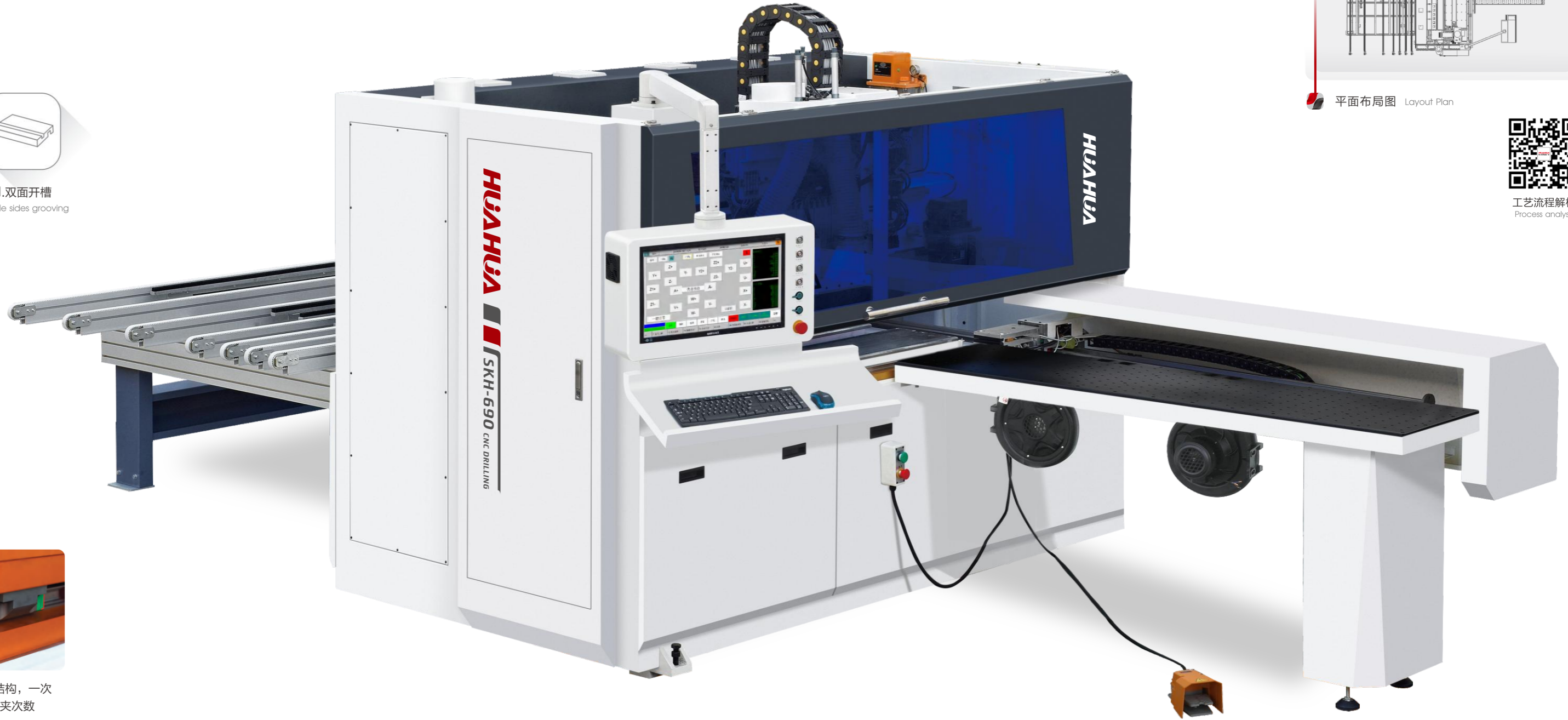
a. 采用滚珠丝杆传动，板件完成孔、槽等工艺后，板件精度误差为±0.02mm

a. Using ball screw drive, after the panel is completed with holes, grooves and other processes, the accuracy of the panel is ±0.02mm



b. 导轨采用防尘设计结构，一次定位减少夹手的换夹次数

b. The guide rail adopts a dust proof design structure, one time positioning reduces the number of gripper changes

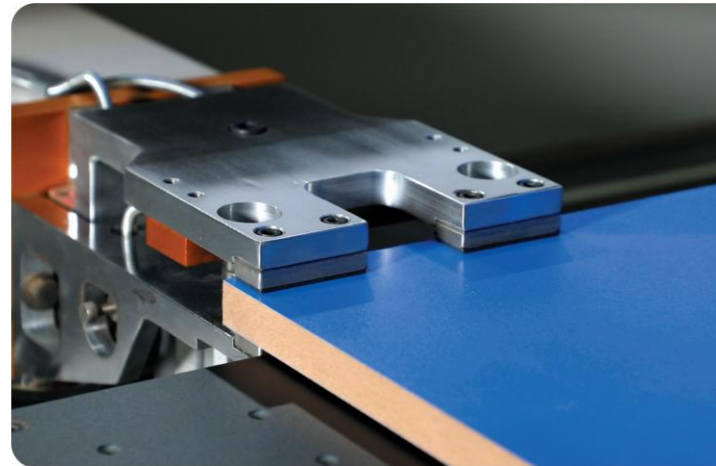


平面布局图 Layout Plan



工艺流程解析
Process analysis

工艺流程解析 Process analysis

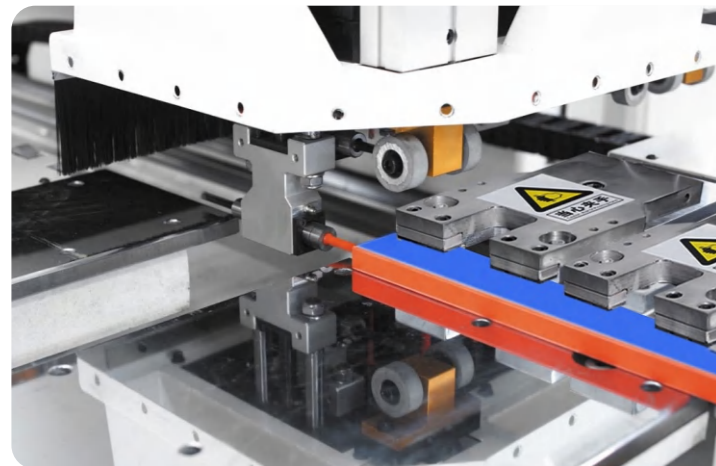


自动送料

双机械手自动夹紧板材送进机器内加工

Automatic feeding

Double gripper automatic clamping panel and feeding to machine for processing



侧面钻孔

钻包水平钻自动加工四面侧孔

Drilling horizontal holes

Drilling box horizontal drilling bits automatic processing four sides holes



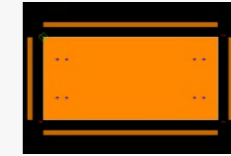
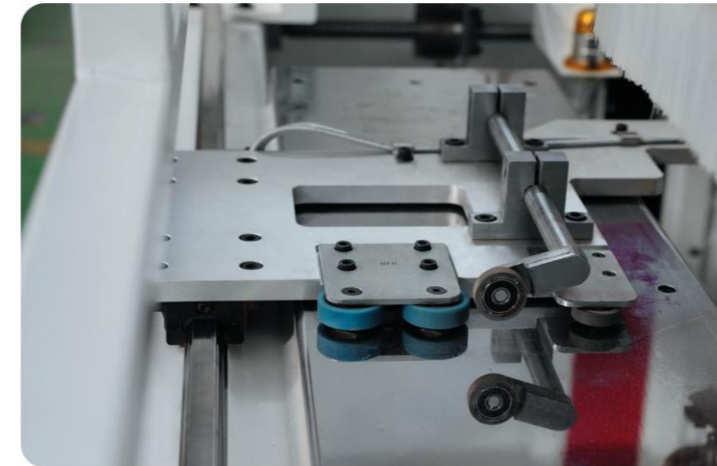
平面钻孔

上钻包下钻包的垂直钻分别自动加工顶面和底面的垂直孔

Drilling vertical holes

Upper and bottom drilling boxes vertical drilling bits automatically processing panel upper side and bottom side vertical holes respectively

工艺流程解析 Process analysis

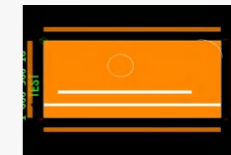
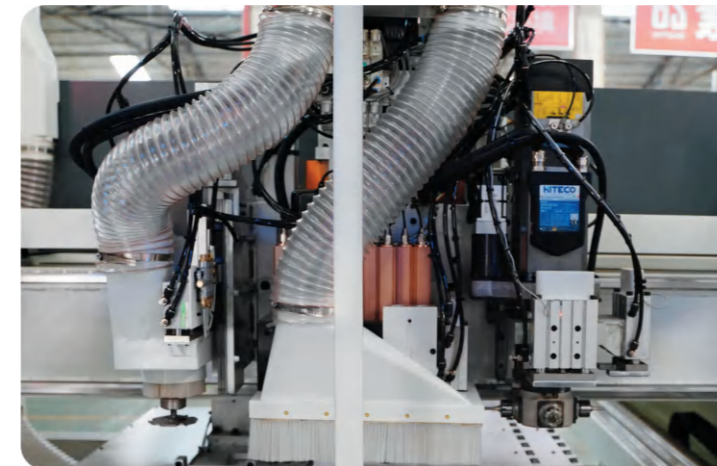


自动侧靠

根据板件的尺寸自动靠紧板件侧面，可检测板件宽度，防止放错板

Auto side aligning device

According to panel size automatically aligning panel side tighten, can detection panel width, avoid misplaced panel.

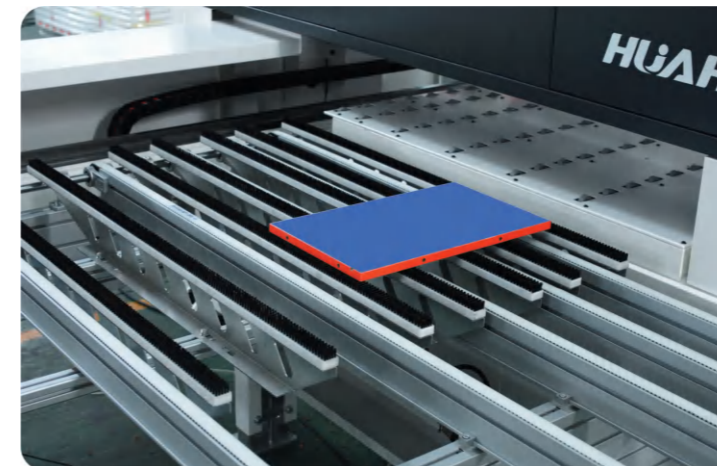


异形加工

根据槽位信息自动开槽、切割、造型功能

Irregular shape processing

According to the groove information automatic make groove, cutting and modelling function.

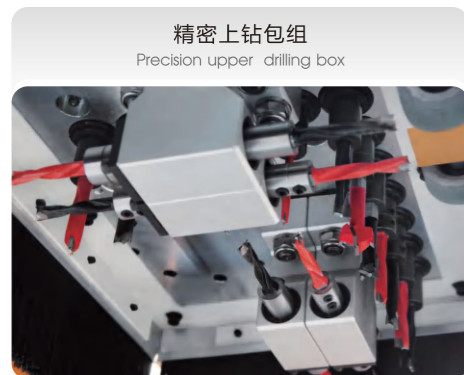


自动下料

板件后出料自动将板件送到后面下料装置上

Automatic unloading

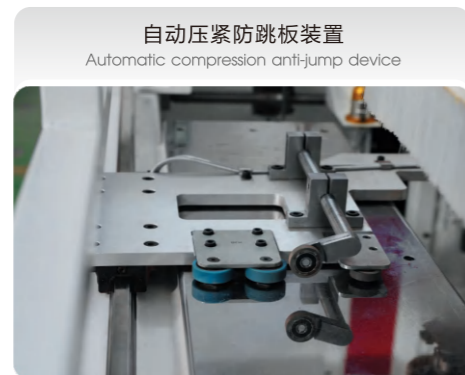
Can choose panel back side unloading, automatically deliver panel to unloading device



精密上钻包组
Precision upper drilling box

采用HH自主研发的CNC钻包，经过三坐标检测，保证精准度

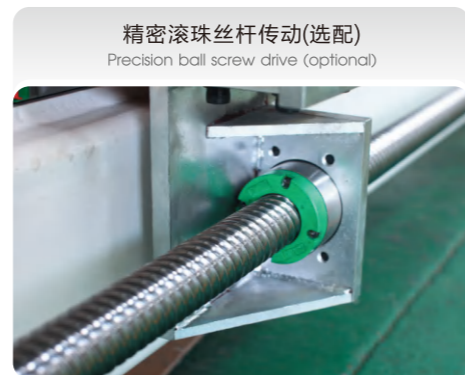
Using CNC drilling box independently developed by HH. After three-coordinate detection, the accuracy is guaranteed



自动压紧防跳板装置
Automatic compression anti-jump device

根据电脑控制程序对工件进行自动压紧，满足工件钻孔时需要

Automatically compress the panel according to the computer control program to meet the needs of panel drilling



精密滚珠丝杆传动(选配)
Precision ball screw drive (optional)

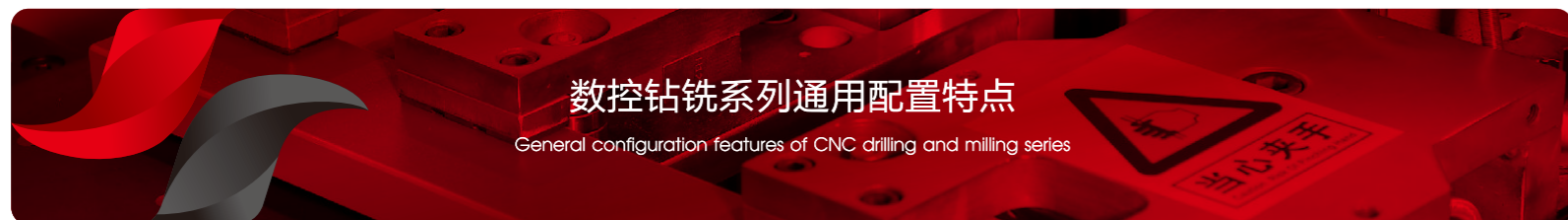
采用滚珠丝杆传动，丝杆传动误差在0.05-0.1MM以内，累计误差在±0.2MM以内

Adopt ball screw drive, the screw drive error is within 0.05-0.1MM, and the cumulative error is within ±0.2MM

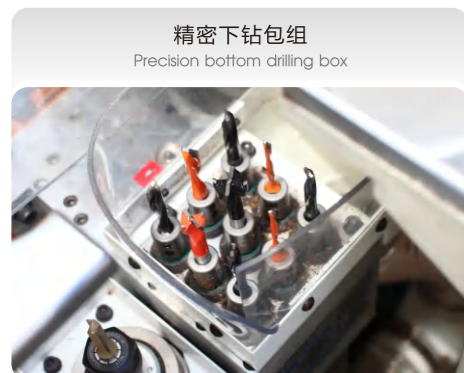


型号参数 Model **SKH-612HS/SKH-612MS** **SKH-612H/SKH-612M** **SKH-612HZ** **SKH-612HT** **SKH-690**

各轴行程 & 最高定位速度 Axis travel & maximum positioning speed	X轴 X axis	5410mm&130m/min	5410mm&130m/min	5410mm&130m/min	5410mm&130m/min	5410mm&130m/min
	Y轴 Y axis	1630mm&85m/min	1680mm&85m/min	1680mm&85m/min	1705mm&85m/min	1390mm&85m/min
	Z轴 Z axis	140mm&30m/min	140mm&30m/min	140mm&30m/min	130mm&30m/min	140mm&30m/min
	U轴 U axis	5410mm&130m/min	5410mm&130m/min	5410mm&130m/min	5410mm&130m/min	5410mm&130m/min
	V轴 V axis	1340mm&80m/min	1340mm&80m/min	1340mm&80m/min	1340mm&80m/min	1075mm&80m/min
	W轴 W axis	110mm&30m/min	110mm&30m/min	110mm&30m/min	110mm&30m/min	110mm&30m/min
	A轴 A axis	1190mm&30m/min	1215mm&30m/min	1215mm&30m/min	1195mm&30m/min	950mm&30m/min
	Y2轴 Y2 axis	1630mm&85m/min	-	-	-	-
	Z2轴 Z2 axis	90mm&30m/min	-	-	-	-
	钻孔组合装置 Drilling box configuration	垂直钻 Vertical drill bits	上钻: 12*2个 下钻: 9个 Top: 12*2pcs, Bottom: 9pcs	上钻: 12个/9个(选配12个) 下钻: 9个 Top: 12pcs/9pcs(12pcs optional), Bottom: 9pcs	上钻: 12个 下钻: 9个 Top: 12pcs, Bottom: 9pcs	上钻: 12个 下钻: 9个 Top: 12pcs, Bottom: 9pcs
水平钻 Horizontal drill bits		16个	8个	8个	8个	8个
钻组电机转速 Drilling box motor speed		2800r/min	2800r/min	2800r/min	2800r/min	2800r/min
铣削加工 主轴*2 Milling spindle*2	主轴功率 Spindle power	3.5kw*2	3.5kw*2	3.5kw*2	3.5kw	3.5kw*2
	刀柄直径 Tool holder diameter	1/2"	1/2"	1/2"	1/2"	1/2"
	主轴速度 Spindle speed	18000rpm	18000rpm	18000rpm	18000rpm	18000rpm
加工尺寸范围 Processing size range	板材最大宽度 Max. Width of panel	1200mm	1200mm	1200mm	1200mm	900mm
	板材最小宽度 Min. Width of panel	50mm	50mm	120mm	50mm	50mm
	板材最大长度 Max. Length of panel	5000mm	5000mm	2800mm	5000mm	5000mm
	板材最小长度 Min. Length of panel	250mm	250mm	300mm	250mm	250mm
	板材最大厚度 Max. Thickness of panel	48mm	48mm	48mm	48mm	48mm
	板材最小厚度 Min. Thickness of panel	10mm	10mm	10mm	10mm	10mm
其他参数 Other parameters	工作台高度 Height of working table	960mm	960mm	960mm	960mm	960mm
	总功率 Total power	24.1kw/23.1kw	18.9kw	20.65kw	21.9kw	18.9kw
	工作电压 Working voltage	380V/50Hz	380V/50Hz	380V/50Hz	380V/50Hz	380V/50Hz
	工作气压 working pressure	0.7-0.8Mpa	0.7-0.8Mpa	0.7-0.8Mpa	0.7-0.8Mpa	0.7-0.8Mpa
	吸尘流量 Vacuum flow	9400m³/h	7200m³/h	7200m³/h	7200m³/h	7200m³/h
	机器净重 Weight	3850kg	3500kg/3450kg	3450kg	3700kg	3200kg
	机器外形尺寸 Overall size	6480*2840*2200mm	6480*2840*2200mm	7800*2840*2200mm	6480*2840*2200mm	6480*2540*2200mm



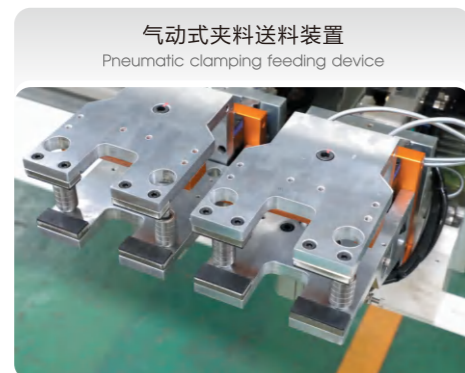
数控钻铣系列通用配置特点
General configuration features of CNC drilling and milling series



精密下钻包组
Precision bottom drilling box

精密下钻包组按照国际标准水平生产制造，经过三坐标检测，保证精准度

The precision bottom drilling box set is manufactured in accordance with international standards, and has been tested by three-coordinates to ensure accuracy



气动式夹料送料装置
Pneumatic clamping feeding device

采用双夹手机构，根据电脑钻孔程序，自动控制送板及定位，提高打孔精度

The double gripper mechanism is adopted to automatically control the feeding and positioning of the panel according to the computer drilling program to improve the drilling accuracy



可定制反向机型
Customizable reverse models

所有机型都可定制反向机型，适合不同的空间场地及连线配套方案

All models can be customized reverse models, suitable for different spaces and venues and connection matching solutions

SKC-255 CNC

数控侧孔钻

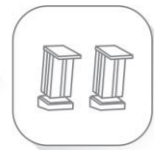
CNC side drilling machine



工艺流程解析
Process analysis



a. 定位精准
Precise positioning



b. 多工位
Multiple worktable



c. 激光感应
Laser induction



高速主轴
High-speed spindle

a. 高效化水平侧钻孔设备，打孔铣槽一次完成
可实现长短板切换，满足多种板式工艺需求

a. High-efficiency horizontal side drilling equipment, drilling and milling grooves can be completed at one time, which can realize the switching of long and short panels to meet varieties of panel process requirements



压料气缸
Press cylinder

b. 气动斜压料，精准打孔，板件在加工过程中精准定位不易打偏

b. Pneumatic oblique pressing, accurate drilling, panel not easy to be deflected during the process of precise positioning



激光扫描感应器
Laser Scanning Sensor

c. 激光感应定位，精准控制打孔，提高加工精度

c. Laser induction positioning, precise control of drilling, improve processing accuracy

型号参数	Model	SKC-255
单工位工件长度	Single worktable panel length	≤2550mm
多工位工件长度	Multi-worktable panel length	≤800mm
工件宽度	Panel width	≥60mm
工件厚度	Panel thickness	10-50mm
最大速度	Max. speed	75m/min
加工方式	Processing methods	激光扫描+扫描标签 Laser scanning + scanning label
钻孔电机	Drilling motor	2.2kw(18000rpm)
工位	Worktable	三工位Three worktable
总功率	Total power	3.35kw
外观尺寸	Overall size	3200*2100*1500mm
钻孔深度	Drilling depth	50mm
最大钻孔直径	Max. drilling diameter	12mm

HCL-402 ^{CNC}

木工六排钻

Six rows multi drilling machine



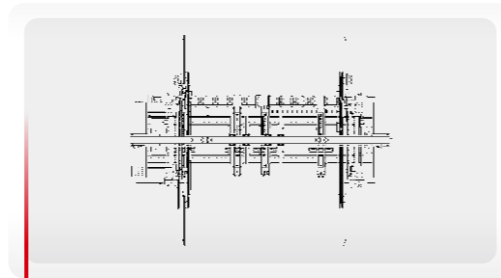
a. 自动送料
Automatic feeding



b. 气缸压料
Cylinder pressure



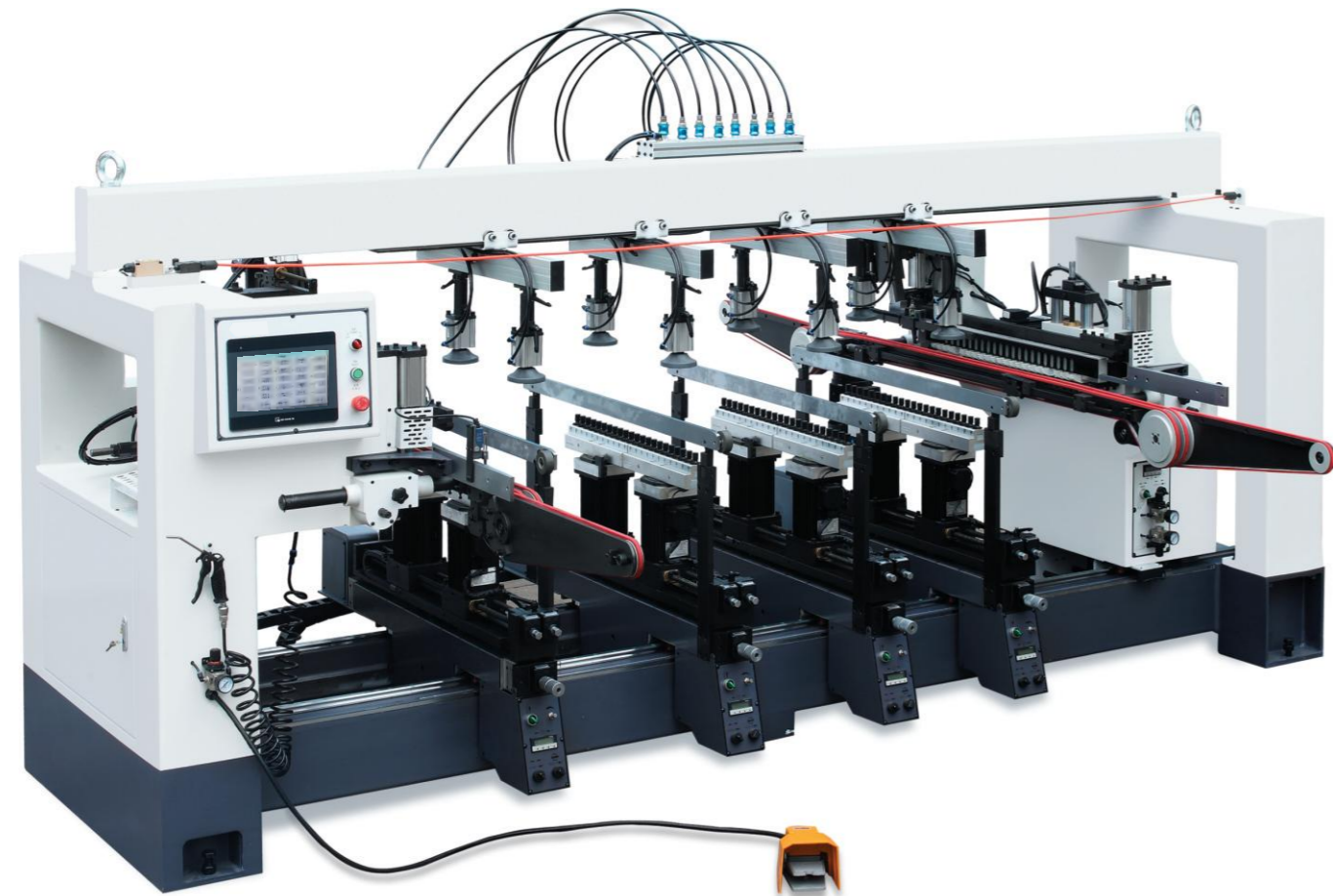
c. 精准钻孔
Precision drilling



平面布局图 Layout Plan



工艺流程解析
Process analysis



皮带送料
Belt feeding

a. 皮带式自动送料装置
输送稳定更耐磨

a. Belt type automatic feeding device
Stable conveying and more wear-resistant



压料气缸
Press cylinder

b. 气动压料，精准打孔，板件在加工过程中精准定位不易打偏

b. pneumatic pressure , precise drilling, precise positioning of the panel during processing is not easy to be deflected



钻孔单元
Drill row unit

c. 前后定位，精准控制打孔，提高加工精度

c. Positioning front and rear, precise control of drilling, improve processing accuracy

型号参数	Model	HCL-402
加工长度(X轴)	Machining length (X axis)	250-2450mm
加工宽度(Y轴)	Processing width (Y axis)	300-900mm
最大加工厚度	Max. processing thickness	70mm
水平钻两孔最大间距	Max. distance between two horizontal holes	640mm
垂直钻两孔最大间距	Max. distance between two vertical holes	765mm
垂直排最小间距	Min. distance between vertical rows	128mm
水平最大钻孔深度	Max. drilling depth of horizontal hole	40mm
垂直钻孔最大深度	Max. drilling depth of vertical hole	50mm
钻轴速度	Spindle speed	2800rpm(50Hz)
工作台距地高度	Height of working table	998mm
工作气压	Working pressure	0.6-0.8Mpa
外形尺寸	Overall size	3760*3120*1760mm
机器重量	Machine weight	2300kg

HCL-302 CNC

木工五排钻

Five rows multi drilling machine



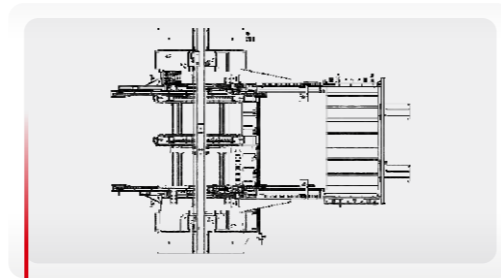
a. 自动叠料
Automatic stacking



b. 升降台下料
Lifting unloading platform



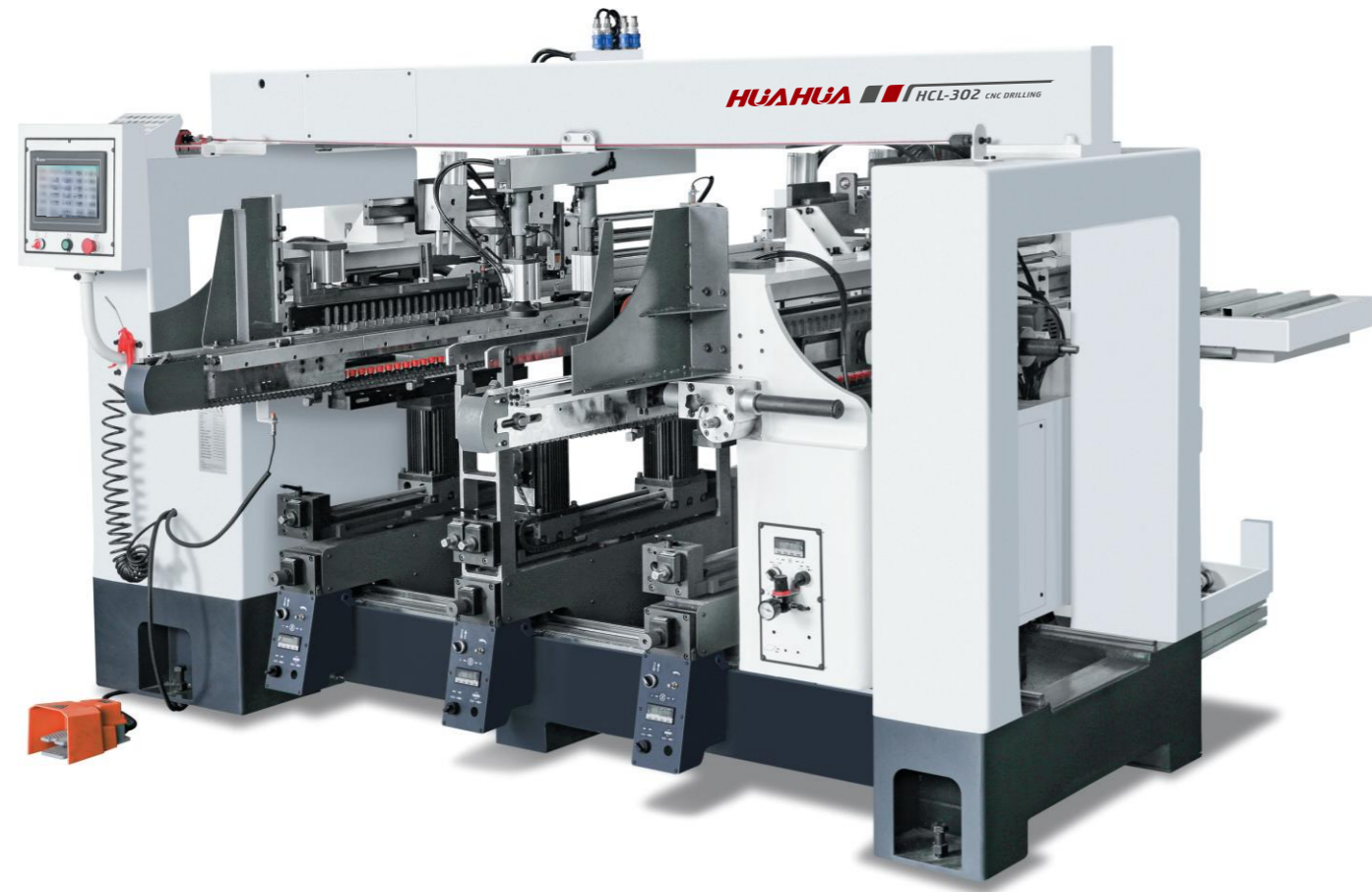
c. 精准钻孔
Precision drilling



平面布局图 Layout Plan



工艺流程解析
Process analysis



自动叠料
Automatic stacking

a. 自动叠料装置, 减少人工叠料
提供生产效率, 省时省薪

a. Automatic stacking device, reducing manual stacking,
improving production efficiency, saving time and salary



升降台下料
Lifting unloading platform

b. 滚筒升降机下料, 节省人工收料, 一人操
作即可完成整个生产流程, 提高生产效率

b. The roller lifting table is auto unloading and Save labour
collect materials. One person can complete the whole
production process and improve production efficiency.



精准钻孔
Precision drilling

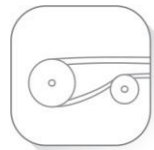
c. 精准控制打孔, 提高加工精度
确保每个加工板材控制在0.1mm内

c. Precisely control drilling, improve processing accuracy,
and ensure that each processed panel is controlled
within 0.1mm

型号参数	Model	HCL-302
加工长度(X轴)	Processing length (X axis)	250-1200mm
加工宽度(Y轴)	Processing width (Y axis)	50-600mm
最大加工厚度	Max. processing thickness	45mm
垂直钻孔最大间距	Max. distance between two vertical holes	765mm
水平钻孔最大间距	Max. distance between two horizontal holes	640mm
水平最大钻孔深度	Max. drilling depth of horizontal hole	40mm
钻轴速度	Spindle speed	2800r/min
工作台高度	Height of working table	995mm
工作气压	working pressure	0.6-0.8Mpa
总功率	Total power	11.95kw (不带升降平台not included lifting table 9.75kw)
外形尺寸	Overall size	2700*2600*1770mm
机器重量	Machine weight	2200kg (不带升降平台not included lifting table 2000kg)

HCL-222 CNC

数控四排钻 Four rows CNC drilling machine



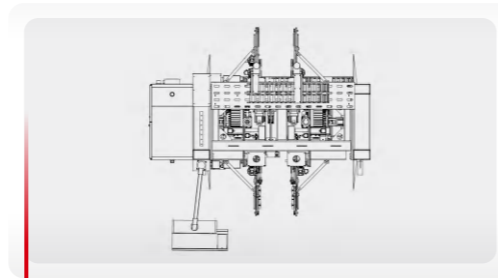
a. 同步带输送
Synchronous belt conveying



b. 双伺服夹爪定位
Dual Servo Gripper Positioning



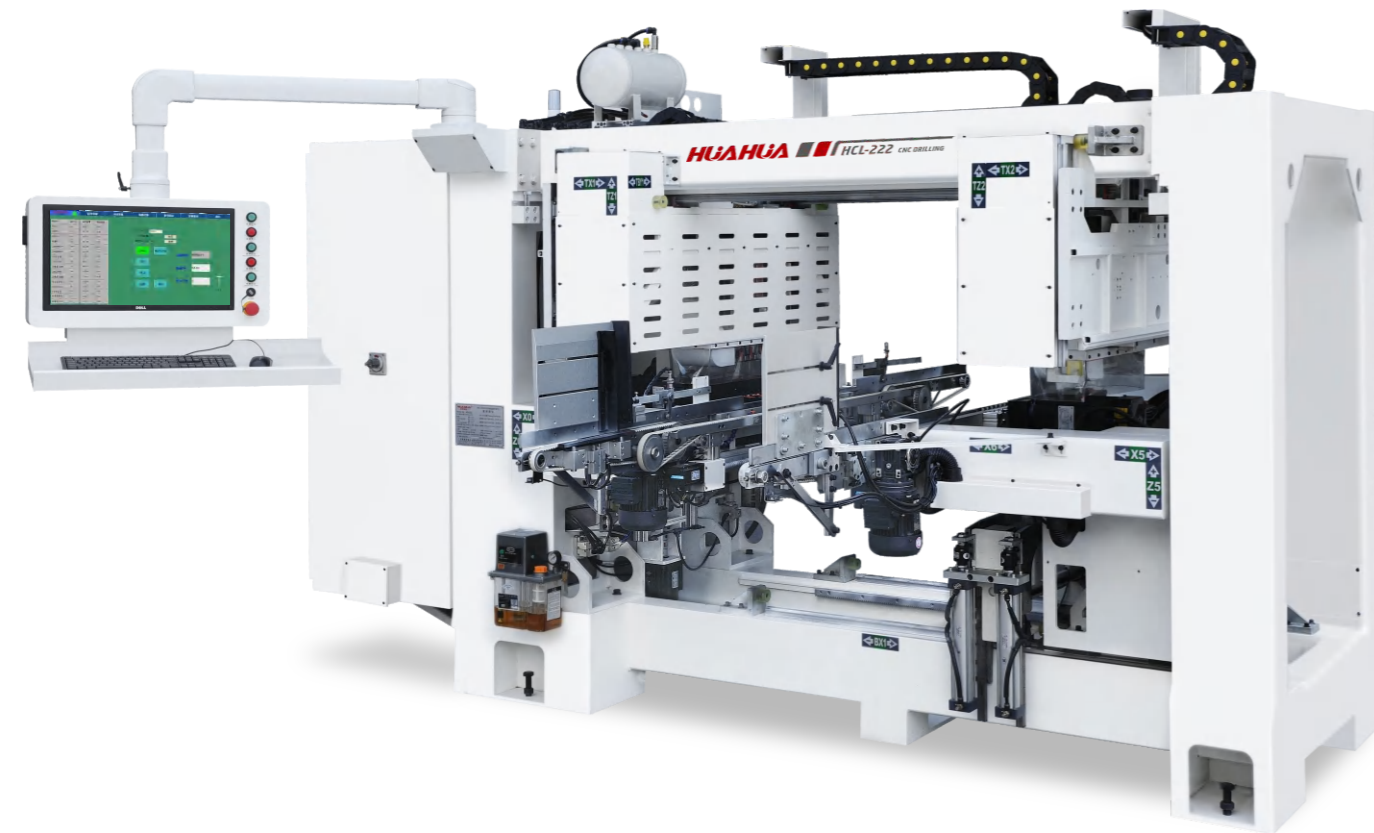
c. 精准钻孔
Precision drilling



平面布局图 Layout Plan



工艺流程解析
Process analysis



同步带输送
Synchronous belt conveying

a. 同步带输送装置
输送稳定，效率更高

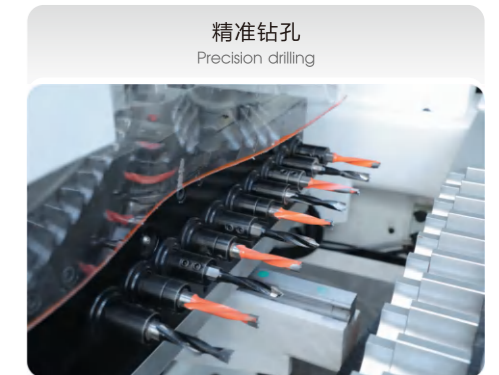
a. Synchronous belt conveyor
Stable delivery and higher efficiency



双伺服夹爪定位
Dual Servo Gripper Positioning

b. 双伺服夹爪定位,精准打孔
板件在加工过程中精准定位不易打偏

b. Dual servo gripper jaw positioning, precise drilling
Precise positioning of the panel during processing, it is not easy to be deflected



精准钻孔
Precision drilling

c. 精准控制垂直孔和侧孔
确保每个加工板材控制在0.1mm内

c. Precise control of vertical holes and horizontal holes
Ensure that each processed panel is controlled within 0.1mm

型号参数	Model	HCL-222
加工长度(X轴)	Processing length (X axis)	160-600mm
加工宽度(Y轴)	Processing width (Y axis)	50-300mm
最大加工厚度	Max. processing thickness	50mm
上垂直排钻孔最小距离	Min. distance of drilling holes in upper vertical row	100mm
水平钻头数	Number of horizontal drill bits	左钻: 10个 右钻: 10个 Left drilling box: 10pcs,Right drilling box: 10pcs
垂直钻头数	Number of vertical drill bits	上左钻: 14个 上右钻: 14个 Up left drilling box: 14pcs,Up right drilling box: 14pcs
加工深度	Processing depth	Max 45mm
工作台面高度	Height of working table	950mm
总功率	Total power	22.52kw
机器净重	Machine weight	3000kg
外形尺寸	Overall size	3250*2750*2170mm

MJB-1327A SAW

精密裁板锯
Precision panel saw



MJ-6132B SAW

精密推台锯
Sliding table saw



MJB-1327B SAW

精密裁板锯
Precision panel saw



MJ-6132D SAW

精密推台锯
Sliding table saw



合作为碑

“我们以真挚的诚意，与您共创更美未来”

*部分合作客户展示，排名不分先后



为超过 **5123** 家客户提供一站式定制家具方案
 Provided full solution for customized furniture more than 5123 customers

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*Some cooperative customers are displayed in no particular order

72h

公司总部专业技术人员72小时准时到为您
 服务，解决生产工作中复杂专业的难题，
 提供最专业的技术解决方案。

In order to deal with the problems during
 production and provide customers with professional
 technology suggestion, our company offer 72 hours
 on time service with professional engineers.

24h

当地经销商24小时候命，解决普通配件送，
 一般技术故障等问题，并联系公司总部技术
 人员进行协助操作。

The local distributor was ordered 24 hours to solve
 the problems of ordinary parts distribution and
 general technical failures, and contacted the
 company's headquarters technicians for assistance.

0s

在线技术咨询时刻为您服务，零时响应客户
 需求，做到每时每刻都有人员为您服务。

Online technical consulting service for you at any
 time, instant response to customer demand, to make
 sure every moment there are our staffs to serve you.



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 Provided full solution for customized furniture more than 50 countries

Lined area for notes, consisting of horizontal dashed lines on a white background.



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因产品不断更新, 有关参数及内容变更恕不另行通知, 均以实物为准
Due to the continuous updating of the products, the relevant parameters and contents are subject to change without prior notice.

HUAHUA 桦桦数控[®] 用出来的口碑

HUAHUA 桦桦数控[®]
用出来的口碑

一站式定制家具方案

精准开料 | 高速裁板 | 自动封边 | 数控钻铣

FULL SOLUTION FOR CUSTOMIZED FURNITURE

CNC Router Machine | Computer Beam Saw
Edge Banding Machine | CNC Drilling Machine



2022 第一册

Preface

序言

口碑，是用出来的。

在中国制造不断升级的今天，
在工匠精神深度复兴的今天，
唯有着实力的、被认同的品牌，
才能在洪流之中脱颖而出。

我们坚信，
品质，是企业的基石，
技术，是创新的保障，
服务，是理念的执行，
口碑，就是最好的品牌。

Public praise is from customer use.

Today, with the continuous upgrading of
manufacturing in China,
Today, with the deep revival of craftsman spirit,
Only the strong, recognized brand,
Can stand out in the torrent.

We firmly believe that,
Quality is the cornerstone of the company,
Technology is the guarantee of innovation,
Service is the execution of ideas,
Public praise is the best brand.





制造基地 Manufacturing base

实力为碑

“精心锻造工艺，时间沉淀实力”



广东顺德昶盛机械制造有限公司，位于中国木工机械重镇——顺德伦教。公司前身桦桦机械厂始创于2003年6月，在公司全体同仁的努力下，产品不断完善，公司日益壮大，经工厂研究决定于2009年9月重组为广东顺德昶盛机械制造有限公司，同年注册了 **HUAHUA 桦桦数控®** 与 **YALIN 亚林数控®** 两个品牌。

公司整合了国内外先进技术与经验，及产品研发、设计、生产、销售、服务为一体，主要以电脑裁板锯、数控开料机、全自封边机、全自动六面钻铣加工中心等多种数控设备为主要产品，不断开拓创新，以技术为核心，视质量为生命，奉客户为上帝竭诚为您提供性价比的高品质的先进产品及热情专业的技术咨询和售前、售中、售后服务。

Guangdong Shunde ChangSheng Machinery Manufacturing Co., Ltd. is located in Shunde Lunjiao, the important town of woodworking machinery in China. The company's predecessor, HUAHUA Machinery Factory, was founded in June 2003. With the efforts of all the staff of the company, the products have been continuously improved and the company has grown stronger. It was decided in September 2009 to reorganize into Guangdong Shunde ChangSheng Machinery Manufacturing Co., Ltd. In the same year, we established two registered brands: "HUAHUA Machinery" and "YALIN Machinery".

The company integrates advanced technology and experience at home and abroad, as well as product development, design, production, sales, and service. It mainly uses computer beam saw, CNC router machine, automatic edge banding machine, automatic six sides CNC drilling machine. Numerous numerical control equipment as the main product, continuous development and innovation, technology as the core, quality as life, customer as God, and dedicated to provide you with cost-effective, high-quality advanced products and enthusiastic professional technical consultation and pre-sales Medium and after-sales service.

Strength Win Public Praise

Meticulous forging process, time precipitating strength

发展历史

19年

Development history

占地面积

35,000m²

Land area

现有员工

300人

Employees



Full solution for customized furniture





高新技术企业证书



佛山市专精特新企业



广东省湖南商会理事



广东省品牌建设先进单位



广东省质量信用优秀企业



广东省重质量守信誉单位



广州市家具行业协会会员单位



2021年度纳税超千万元(集团)企业



广东省用户满意品牌企业



广东省机械行业协会第五届理事会理事单位



技术精湛 客户服务好



2019年度热搜品牌

荣誉为碑

“荣誉是口碑的见证，鞭策我们负重前行”



Honor Win Public Praise

Honor is the testimony of public praise, urging us to carry forward



实用新型专利证书

65项

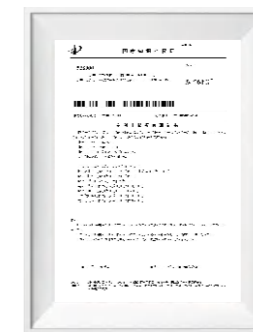
Utility model patent



外观设计专利证书

7项

Appearance design patent



发明专利证书

6项

Invention patent



质量管理体系认证证书

15项

ISO9001



欧盟CE认证

4项

CE certificate



Professional Solutions Win Public Praise

Full solution for customized furniture, not only supply single machine, but also can supply machines line solution according to the site of customer



规划为碑

“单机模式到连线生产的一站式定制家具方案”

从框架到细节，从外在到内在，桦桦始终追求至上品质。站在客户的角度，体贴不同的需求，使客户从单机模式提升到更具柔性的连线生产，帮助客户节省人工减轻劳动负荷，提升场地利用率，缩短生产周期提高效率。

From the frame to the details, from the outside to the inside, HUAHUA always pursues the supreme quality. From the perspective of customers, we are considerate of different needs, so that customers can upgrade From single machine to more flexible machines line production, helping customers save labor and reduce labor load, improve site utilization, shorten production cycle and improve efficiency.

一站式方案规划流程

Full solution for customized furniture planning process





Full solution for customized furniture

HUAHUA 桦桦数控®

Automatic machines line solution

定制连线方案



“P01-04

板式批量自动化连线方案
Mass production panel furniture automatic machines Line solution

板式定制自动化连线方案
Customized panel furniture automatic machines Line solution

连线方案
Machines line solution

CNC Router series

精准开料系列



“P05-28

数控定制开料线
CNC custom cutting line

数控开料机（直排刀库）
CNC router machine (Linear type tool magazine)

数控开料机(四头)
CNC router machine (Four spindle routers)

数控开料机（上下料）
CNC router machine (Auto loading and unloading)

数控开料机（双工位）
CNC router machine (Double worktable)

数控开料机（自动换刀主轴）
CNC router machine (Auto tool changing spindle)

数控开料机（双轴带钻包）
CNC router machine (Two spindles with drilling box)

数控开料机（双轴双工位带钻包）
CNC router machine (Two spindles, double worktable with drilling box)

自动贴标机
Automatic labeling machine

Computer beam saw series

高速裁板系列



“P29-50

数控纵横锯
Computer angular saw

HP系列高速智能电脑裁板锯
HP series high-speed intelligent computer beam saw

NP系列高速智能电脑裁板锯
NP series high-speed intelligent computer beam saw

Automatic edge banding series

自动封边系列



“P51-80

双端直线封边机
Double-side edge banding machine

伺服重型高速直线封边机
Servo heavy-duty high-speed linear edge banding machine

重型高速直线封边机
Heavy-duty high-speed linear edge banding machine

高速直线封边机
High-speed linear edge banding machine

双胶锅端头封边机
Narrow panel edge banding machine with double gluing unit

全自动直线封边机
Automatic Linear Edge Banding Machine

斜直一体封边机
Inclined and straight edge banding machine

直线封边机
Straight edge banding machine

封边机左右连线
Edge banding machines line(left and right)

CNC drilling machine series

数控钻铣系列



“P81-116

通过式数控锯切钻
CNC sawing and drilling machine

双工位六面钻铣加工中心
Double worktable six sides CNC drilling machine

双钻包六面钻铣加工中心
Double drilling box six sides CNC drilling machine

六面钻铣加工中心
Automatic six sides CNC drilling machine

数控侧孔钻
CNC side hole drilling machine

木工排钻
Woodworking multi row drilling machine



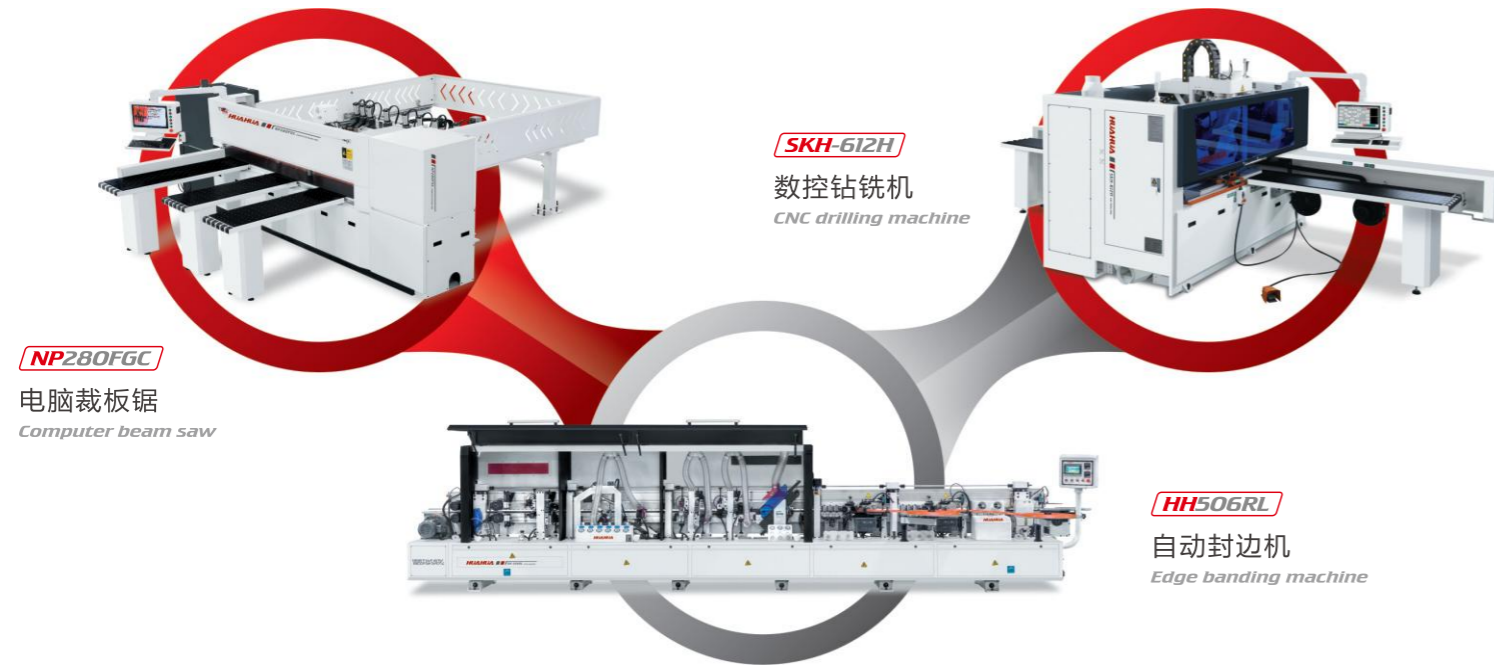
目录为碑

“匠心制造比肩国际水平的产品为您完美呈现！”

Internationalized
Product Win Public Praise
Ingenuity to manufacture products that are compared to the international level

板式批量自动化连线方案 *line1*

Mass Production Panel Furniture Automation Machines Line Solution



板式定制自动化连线方案 *line2*

Customized Panel Furniture Automation Machines Line Solution



a- 设计拆单优化 *Design, nesting, optimization*

功能阐述：专门为定制家具企业量身定制，人性化界面，设计简单，直观，生产数据齐全。

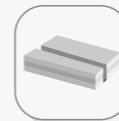
Function description: tailored specifically for custom furniture company, User-friendly interface, simple design, intuitive, and complete production data.



b- 电脑裁板锯 *Computer beam saw*

功能阐述：工控电脑操控，多单混排优化锯切；用于大规模批量开料，可同步打印标签。

Function description: industrial computer control, multi order mixing, optimization cutting; For mass production cutting, the labels can be printed at the same time.



c- 自动封边机 *Edge banding machine*

功能阐述：自动化控制，多功能直线封边；用于板件贴边、齐头、粗修、精修、刮边、抛光等处理。

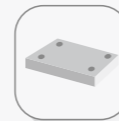
Function description: automatic control, multi function straight edge banding; For panel gluing, end cutting, rough trimming, fine trimming, scraping, buffing etc.



d- 数控钻铣机 *CNC drilling machine*

功能阐述：X方向钻孔无限长度，双夹手一次装夹，无需换夹即可完成工件加工。

Function description: drilling in x axis direction no length limit, Double-clamping can complete the panel processing without changing the clamp.



a- 设计拆单优化 *Design, nesting, optimization*

功能阐述：专门为定制家具企业量身定制，人性化界面，设计简单，直观，生产数据齐全。

Function description: tailored specifically for custom furniture company, User-friendly interface, simple design, intuitive, and complete production data.



b- 数控开料机 *CNC router machine*

功能阐述：数控化操控，单、双工位，可带钻包；用于板材开料、钻孔、异形加工。

Function description: CNC control, single and double worktable, drilling box is optional; For panel cutting, drilling, irregular shape processing.



c- 自动封边机 *Edge banding machine*

功能阐述：自动化控制，多功能直线封边；用于板件贴边、齐头、粗修、精修、刮边、抛光等处理。

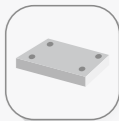
Function description: automatic control, multi function straight edge banding; For panel gluing, end cutting, rough trimming, fine trimming, scraping, buffing etc.



d- 数控钻铣机 *CNC drilling machine*

功能阐述：X方向钻孔无限长度，双夹手一次装夹，无需换夹即可完成工件加工。

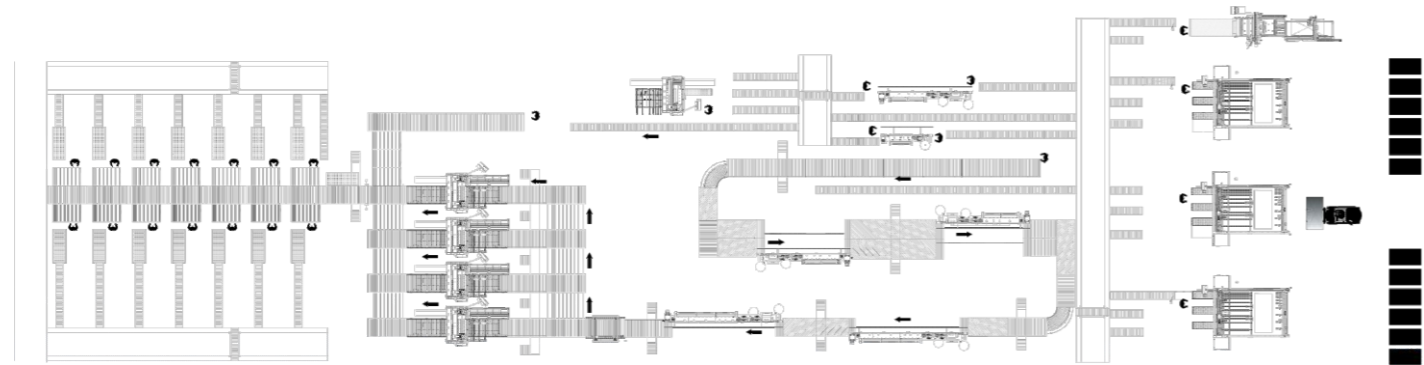
Function description: drilling in x axis direction no length limit, Double-clamping can complete the panel processing without changing the clamp.



连线方案 *line*

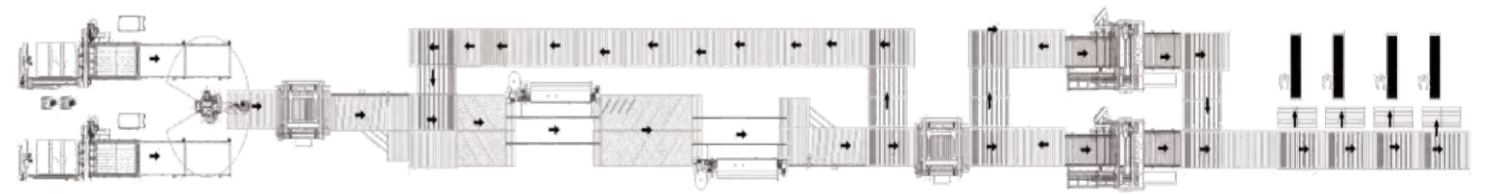
Automatic machines line solution

三台上料电子锯配升降台+四单端封边机连线+四台六面钻连线 Automatic machines line with Three rear-loading electronic saws with lifting table + four single-end edge banding machines connection + four six-sided drill connections



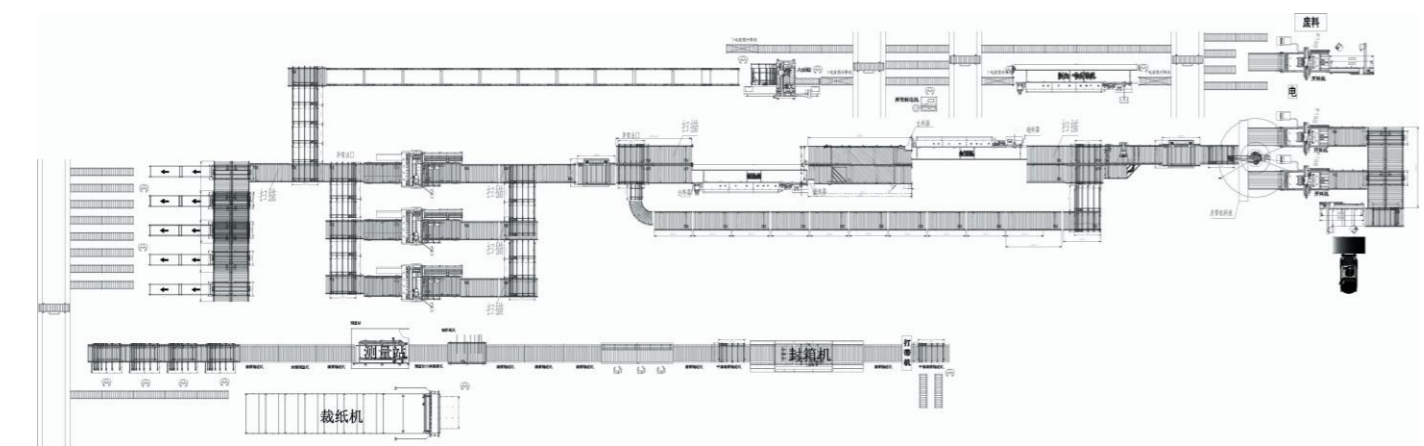
— 产能输出 50张/小时 安装面积 2000m² 能源消耗 380千瓦/小时
Capacity output: 50 panels/hour Installation area: 2000m² Energy consumption: 380 kw/hour

CNC一拖二配机械手+左右封边机连线+两台六面钻连线 Automatic machines line with two CNC router machine , one robot, Edge banding machines line(left and right), two six sides CNC drilling machine



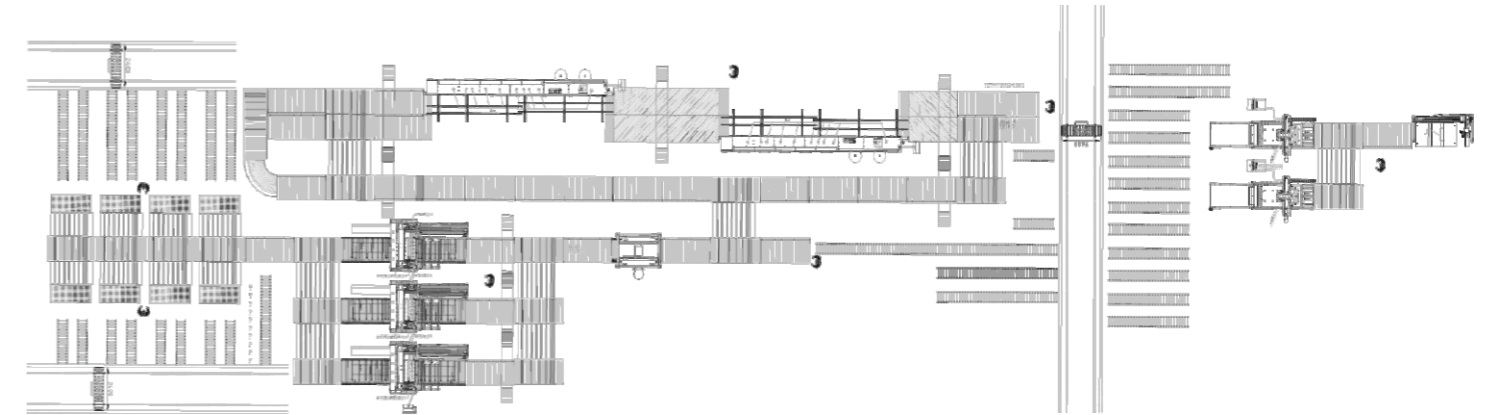
— 产能输出 20张/小时 安装面积 1000m² 能源消耗 180千瓦/小时
Capacity output: 20 panels/hour Installation area: 1000m² Energy consumption: 180 kw/hour

CNC一拖二配机械手+左右封边机连线+三台六面钻连线 Automatic machines line with two CNC router machine , one robot, one Edge banding machines line(left and right),three six sides CNC drilling machine



— 产能输出 25张/小时 安装面积 2000m² 能源消耗 190千瓦/小时
Capacity output: 25panels/hour Installation area: 2000m² Energy consumption: 190 kw/hour

CNC一拖二连线+左右封边机连线+三台六面钻连线 Automatic machines line with CNC one-to-two connection + left and right edge banding machine connection + three six-sided drill connections



— 产能输出 25张/小时 安装面积 2000m² 能源消耗 206千瓦/小时
Capacity output: 25panels/hour Installation area: 2000m² Energy consumption: 206 kw/hour

SKG

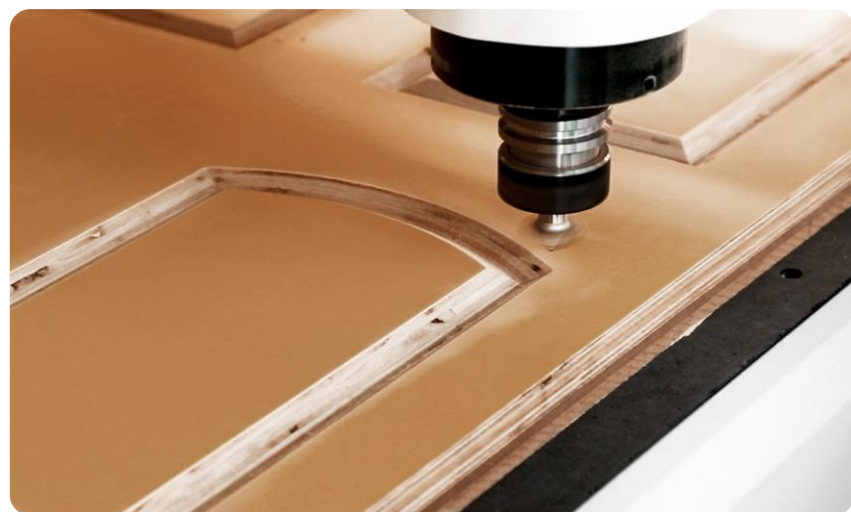


精准开料 随机应变

精准开料，钻铣一体，实现真正的柔性生产

Precision cutting

Precision cutting,drilling and milling combined in one machine. Achieve flexible production





工艺流程解析
Process analysis

多种开料机连线方案 满足不同应用需求

根据场地、产能、工艺和工序来选择不同的方案
加工模块化工作站，柔性支持多种组合，因地制宜让生产效率最大化

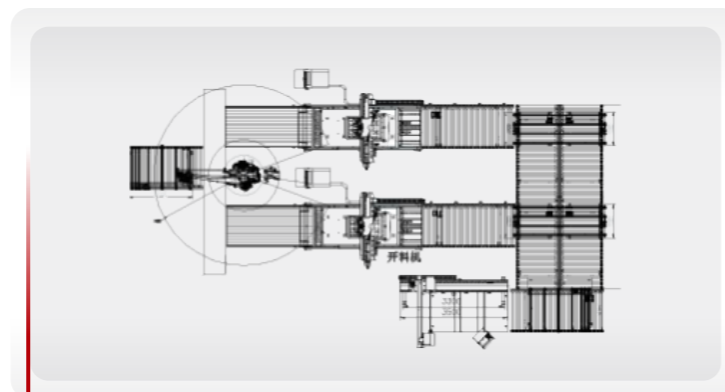


A variety of cutting machine connection solution
Meet the needs of different applications

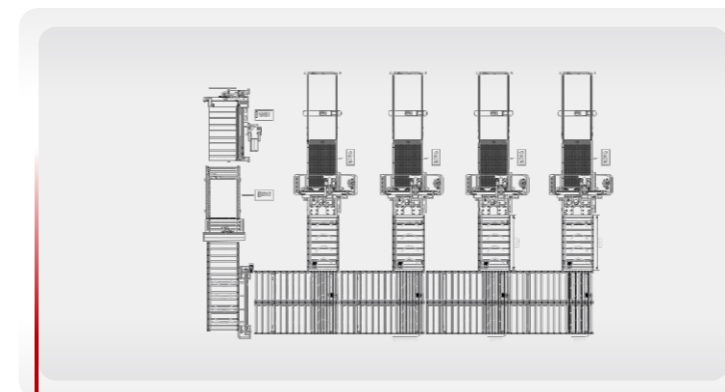
Choose different solutions according to site, capacity, process and process
Processing modular workstations, flexible support for multiple combinations, adapt to local conditions to maximize production efficiency

开料
工作站连线

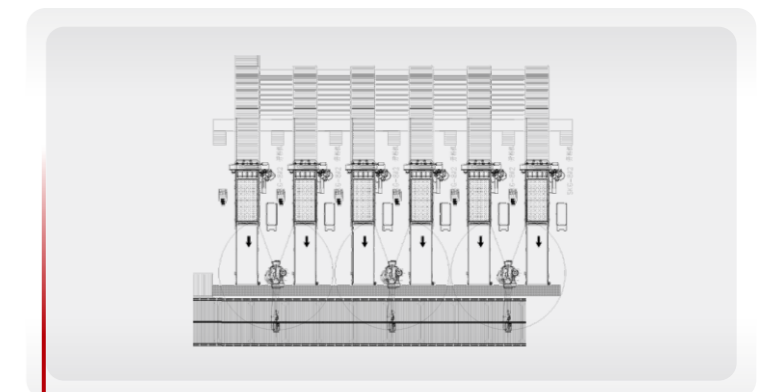
CNC Router
Workstation Connection



A CNC一拖二配机械手 Two sets of CNC router machines line



B CNC一拖四连线 Four sets of CNC router machines line



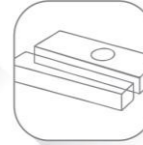



C CNC一拖六配机械手 Six sets of CNC router machines line

SKG-812Z ^{CNC}

数控定制开料线

CNC router machine

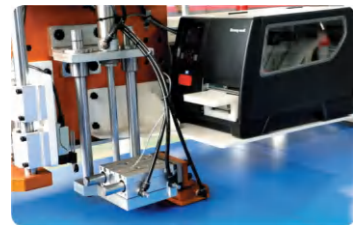
-  a.自动贴标
Automatic labeling
-  b.自带刀库
Tool magazine
-  c.柔性开料
Flexible cutting
-  d.优化拆单
Nesting software



工艺流程解析
Process analysis

斗笠式刀库自动换刀 一次完成打孔、铣型、开料

Automatic tool change in round type tool magazine
Complete drilling, milling and cutting in one time



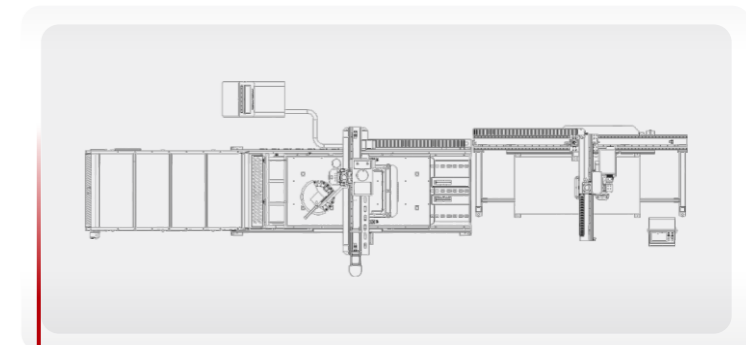
a.通过式完成贴标和开料工序
贴标开料不间断

a. Complete the labeling and cutting process through the pass-through mode, and the labeling and cutting are uninterrupted



b.斗笠式刀库可以装12把刀
就近原则自动换刀铣型更高效

b. The round type tool magazine can hold 12 tools. And base on the principle of proximity to change tools, it is more efficient to milling.



平面布局图 Layout Plan

SKG-812H ^{CNC}

数控开料机 (直排刀库)

CNC router machine (Linear type tool magazine)



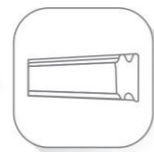
工艺流程解析
Process analysis



a.直排刀库
Linear type tool magazine



b.柔性开料
Flexible cutting



c.精密导轨
Precision guide rail



d.12kw风冷自动换刀主轴
12 kw ATC spindle



自主研发拆单软件

无缝对接市面上常用的多种软件



Independently develop the nesting software, machine can match with most of nesting software in the market too.



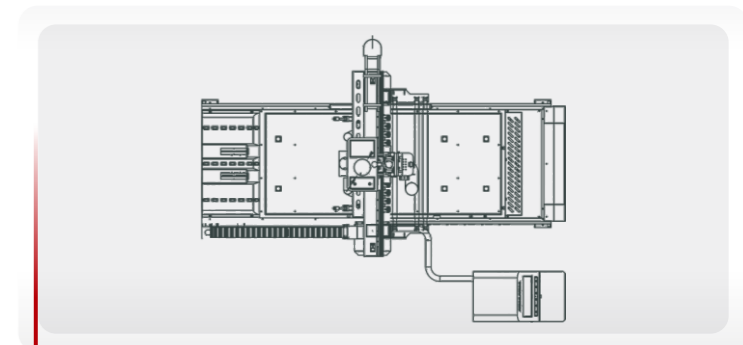
a.十二把直排刀库，每个功能一把刀，自动换刀无需等待

a. Linear type tool magazine with 12 tools, one tool for one craft, automatic tool change without waiting



b.风冷主轴电机，配合刀库，无需等待换刀时间快速加工，效率更高

b. Air cooling spindle motor, with tool magazine, fast processing without waiting for tool change time, higher efficiency

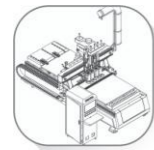


平面布局图 Layout Plan

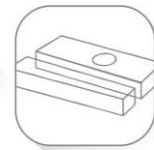
SKG-604H ^{CNC}

数控开料机 (四头)

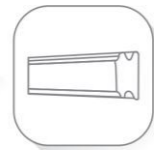
CNC router machine (Four spindle routers)



a.三轴联动
3 Axis moving
at same time



b.柔性开料
Flexible cutting



c.精密导轨
Precision guide rail



d.红外线感应
Infrared sensing

自主研发拆单软件

无缝对接市面上常用的多种软件



Independently develop the nesting software, machine can match with most of nesting software in the market too.



a.四主轴可用作开槽、铣型、垂直钻孔、钻铣等工艺

a. Four spindles can be used to process grooving, milling, cutting, and drilling etc

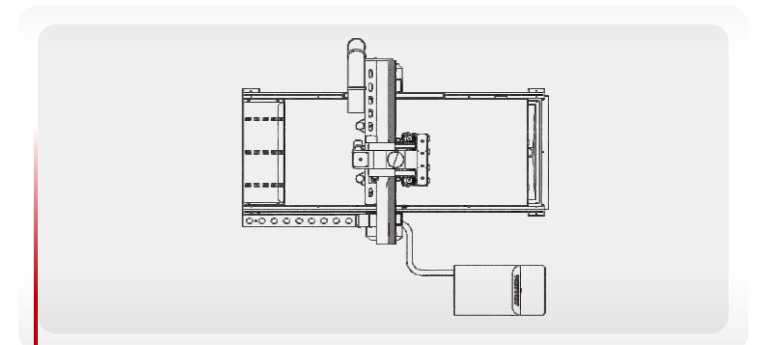


b.齿轮齿条采用防尘结构设计，机器操作简单，高效开料

b. The rack and pinion is designed with dust proof structure. Machine is easy to operate and cut efficiency



工艺流程解析
Process analysis

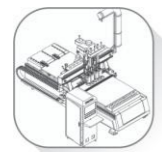


平面布局图 Layout Plan

SKG-604Z ^{CNC}

数控开料机 (上下料)

CNC router machine (Auto loading and unloading)



a. 三轴联动
3 Axis moving
at same time



b. 红外线感应
Infrared sensing



c. 柔性开料
Flexible cutting



d. 真空吸附
Vacuum adsorption



自动上下料 省时省薪

开料打孔开槽异形一次加工完成

Automatic loading and unloading, saving time and labour cost
Cutting, drilling, grooving and special-shaped processing are completed at one time



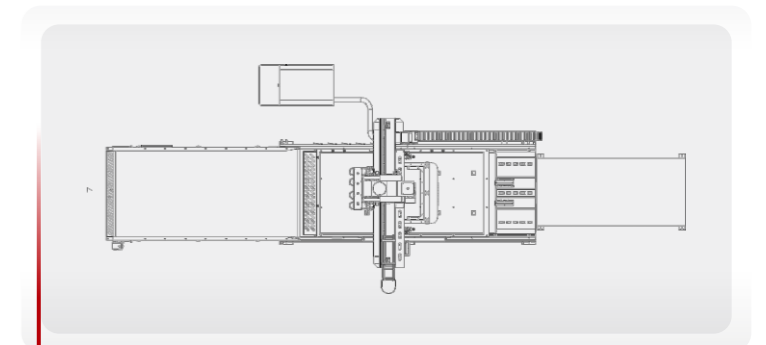
a. 四主轴可用作开槽、铣型、
垂直钻孔、钻铣等工艺

a. Four spindles can be used to process
grooving, milling, cutting, and drilling etc



b. 带红外线感应装置，升降台
持续保持设定高度，平稳上料

b. With infrared sensor, the lifting platform
continuously maintains the set height, and the
panel is loaded smoothly



平面布局图 Layout Plan

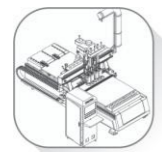


工艺流程解析
Process analysis

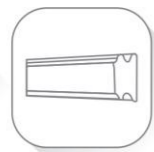
SKG-604A ^{CNC}

数控开料机 (双工位)

CNC router machine (Double worktable)



a.三轴联动
3 Axis moving
at same time



b.精密导轨
Precision guide rail



c.柔性开料
Flexible cutting



d.优化拆单
Nesting software

四主轴高效加工 钻孔/开料/铣型一次完成

Four-spindle high-efficiency machining
Drilling/cutting/milling can be done at one time



a.四主轴可用作开槽、铣型、
垂直钻孔、钻铣等工艺

a. Four spindles can be used to process
grooving,milling,cutting, and drilling etc

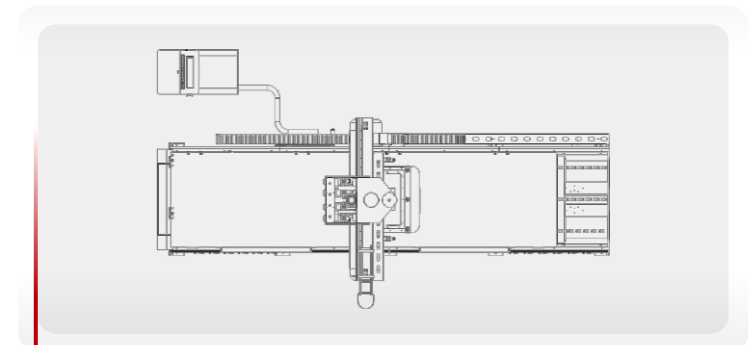


b.齿轮齿条采用防尘结构设计，
机器操作简单，高效开料

b. The rack and pinion are designed with dust
proof structure.Machine is easy to operate and
cut efficiency



工艺流程解析
Process analysis

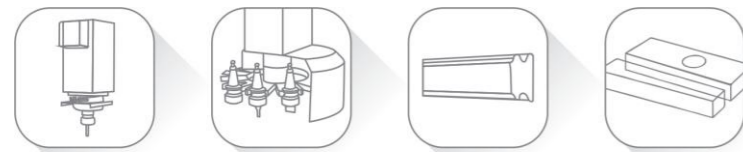


平面布局图 Layout Plan

SKG-812 ^{CNC}

数控开料机 (自动换刀主轴)

CNC router machine (Auto tool changing spindle)



- a. 12kw风冷自动换刀主轴
12 kw ATC spindle
- b. 自带刀库
Tool magazine
- c. 精密导轨
Precision guide rail
- d. 柔性开料
Flexible cutting

圆盘式自动换刀刀库 满足多种产品工艺加工需求

Disc type automatic tool changers, can meet complicated technology processing



a. 风冷主轴电机，配合刀库，无需等待换刀时间快速加工，效率更高

a. Equipped with air cooling spindle motor and tool magazine.No need to wait for tool changing. It is more efficiency

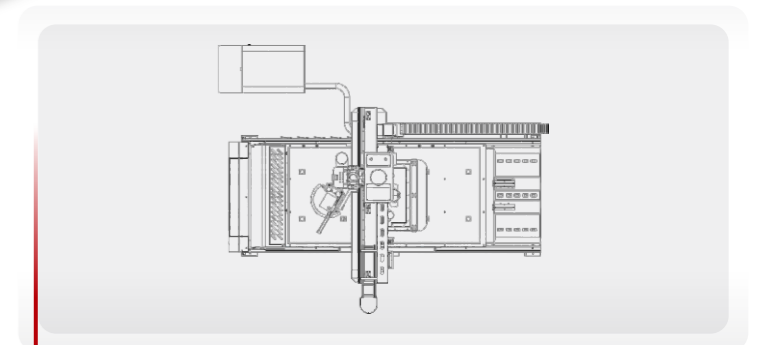


b. 斗笠式刀库可以装12把刀 就近原则自动换刀铣型更高效

b. The round type tool magazine can hold 12 tools. And base on the principle of proximity to change tools. It is more efficient to mill.



工艺流程解析
Process analysis



平面布局图 Layout Plan

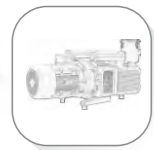
SKG-802V ^{CNC}

数控开料机 (双轴带钻包)

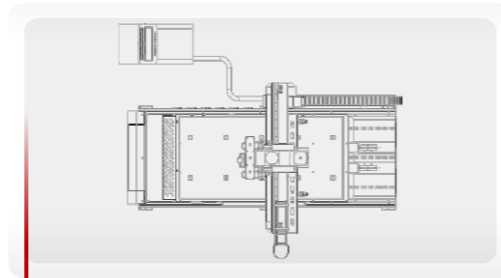
CNC router machine (two spindles with drilling box)



a.台湾钻包
Taiwan drilling box



b.台湾干式真空泵
Taiwan dry vacuum pump



平面布局图 Layout Plan



工艺流程解析
Process analysis



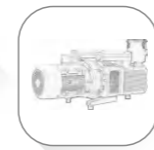
SKG-802VA ^{CNC}

数控开料机 (双轴双工位带钻包)

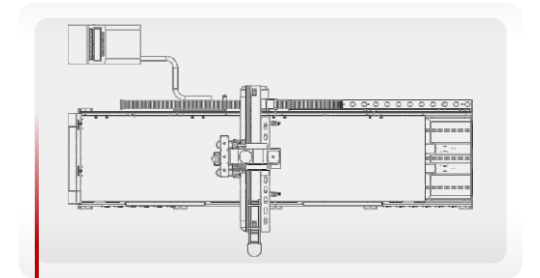
CNC router machine (two spindles, double worktable with drilling box)



a.台湾钻包
Taiwan drilling box



b.台湾干式真空泵
Taiwan dry vacuum pump



平面布局图 Layout Plan



工艺流程解析
Process analysis



HTB-1328 CNC

自动贴标机

Automatic labeling machine



a.自动贴标
Automatic labeling



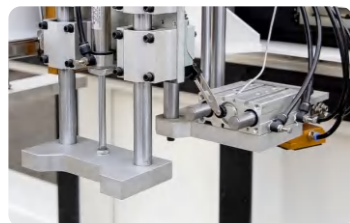
b.伺服电机
Servo motor



c.智能检测
Intelligent detection



d.软件优化
Optimization software



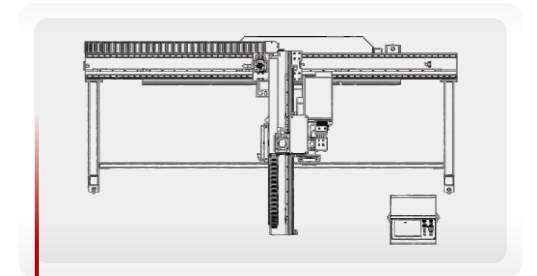
a.自动贴标装置，智能检查板材宽度
操作更具人性化

a. Automatic labeling device, intelligently check the width of the panel, and the operation is more user-friendly



b.伺服电机+集中注油装置
使设备在运行中更平稳顺畅

b. Servo motor + centralized oiling device to make the equipment more stable and smooth in operation



平面布局图 Layout Plan



工艺流程解析
Process analysis



型号参数	Model	HTB-1328
X轴最快移动速度	X-axis maximum speed	70m/min
Y轴最快移动速度	Y-axis maximum speed	70m/min
X轴最大行程	X-axis maximum traveling stroke	1220mm
Y轴最大行程	Y-axis maximum traveling stroke	2800mm
功率	Power	2.3kw

工艺流程解析 Process analysis



自动送料

将升降台上的大板用机器的吸盘自动拉到有定位装置处进行加工

Auto loading

The large panel on the lifting table is automatically pulled to the position with positioning device by the suction cup of the machine for processing



平面钻孔

上钻包可按NC文件的要求自动调取钻头直径大小在指定的位置钻孔

Vertical drilling

The upper drilling box can automatically adjust the diameter of the drill bit according to the NC file and drill at the specified position



柔性开料

铣刀可根据不同加工工艺对板件进行切割、开槽、铣型加工

Flexible cutting

The cutter can cut, groove and mill the panel according to different processing technology

工艺流程解析 Process analysis



自动换刀

可任意调取刀具库刀具，刀具数量可根据客户需求定制

Automatic change tool

Can automatically pick up the tool magazine, the number of tool magazines can be customized according to the customer's requirements

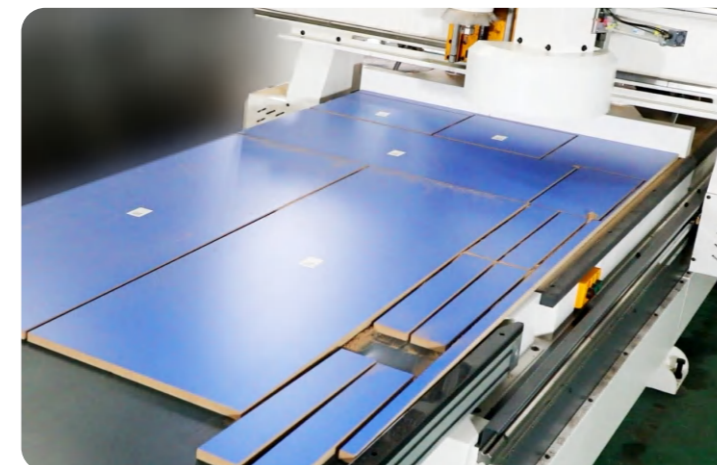


自动对刀

自动校正所有刀具长度，更加智能简单

The automatic tool setting

Automatically measures all the tool lengths, it is more intelligent and simple



自动下料

一次将已加工完成的板材推至下料平台，并清理台面遗留灰尘

Automatic unloading

Push the finished panel to the unloading table and clean the remaining dust on the working table

彩屏控制显示
Color screen control display



采用彩屏控制显示，配套键盘，操作安全可靠，界面简洁友好，具备完整的操作提示

Use colorful screen control display, support keyboard, the operation is safe and reliable, with simple and friendly interface and complete operation accuracy

精密螺旋丝杠传动
Precision ball screw drive



丝杆传动误差在0.05-0.1MM以内，累计误差在±0.1MM以内，提升整机精密度

The transmission error of the screw rod is within 0.05-0.1MM, and the cumulative error is within ±0.1MM, which improves the precision of the whole machine

真空吸附台面
Vacuum adsorption table



加厚真空吸附台面，真空吸附管采用软管+硬管链接，杜绝了链接管接口漏气现象

Thicken the vacuum adsorption table, the vacuum adsorption tube adopts hose + hard tube connection, which prevents air leakage at the connection tube interface



型号参数	Model	SKG-812Z/812	SKG-812H	SKG-604H	SKG-604Z
机器尺寸	Machine size	4368*3390*2954mm	4368*3390*2954mm	3700*3082*2812mm	4368*3390*2954mm
台面尺寸	Working area	2800*1300mm	2800*1300mm	2800*1300mm	2800*1300mm
X轴最高速度	X-axis maximum speed	80m/min	80m/min	80m/min	80m/min
Y轴最高速度	Y-axis maximum speed	80m/min	80m/min	80m/min	80m/min
Z轴最高速度	Z-axis maximum speed	20m/min	20m/min	20m/min	20m/min
主轴数	Spindle quantity	1	1	4	4
主轴功率	Spindle power	12kw*1 24000rpm	12kw*1 24000rpm	6kw*4	6kw*4 18000rpm
真空泵功率	Vacuum pump power	7.5kw(7.8kw选配 Option)	7.5kw(7.8kw选配 Option)	7.5kw(7.8kw选配 Option)	7.5kw(7.8kw选配 Option)
真空泵抽风量	Vacuum pump air volume	250m³/h(400m³/h)	250m³/h(400m³/h)	250m³/h(400m³/h)	250m³/h(400m³/h)
总功率	Total power	24.25kw	23.5kw	35.5kw	35.5kw

精准开料系列通用配置特点

General configuration features of CNC router series

自动对刀系统
Automatic tool setting system



自动对刀功能让使用者更方便快捷的操作设备，同时保证加工精度

The automatic tool setting function allows users to operate the equipment more conveniently and quickly. At the same time ensure processing accuracy

定位气缸保证精准开料
Positioning cylinder to ensure accurate cutting



六个定位气缸全部由百分表调整过，保证正反面加工时的二次定位精度。

The six positioning cylinders are all adjusted by a dial indicator to ensure the secondary positioning accuracy.

助力压辊（选配）
Power pressure roller (optional)



辅助板材上下料，防止工作中板材爆边，即可节省工人劳力强度又大大提高工作效率

Auxiliary panel loading and unloading can prevent the panel from bursting during work, which can save labor intensity and greatly improve work efficiency



型号参数	Model	SKG-604A	SKG-802V	SKG-802VA
机器尺寸	Machine size	6945*3390*2954mm	4368*3390*2954mm	6945*3390*2954mm
台面尺寸	Working area	2800*1300mm+2800*1300mm	2800*1300mm	2800*1300mm+2800*1300mm
X轴最高速度	X-axis maximum speed	80m/min	80m/min	80m/min
Y轴最高速度	Y-axis maximum speed	80m/min	80m/min	80m/min
Z轴最高速度	Z-axis maximum speed	20m/min	20m/min	20m/min
主轴数	Spindle quantity	4	2个主轴+1个钻包 2 spindles+1 drilling box	2个主轴+1个钻包 2 spindles+1 drilling box
主轴功率	Spindle power	6kw*4 18000rpm	6kw*2 18000rpm+2.2kw	6kw*2 18000rpm+2.2kw
真空泵功率	Vacuum pump power	7.5kw(7.8kw选配 Option)	7.5kw(7.8kw选配 Option)	7.5kw(7.8kw选配 Option)
真空泵抽风量	Vacuum pump air volume	250m³/h(400m³/h)	250m³/h(400m³/h)	250m³/h(400m³/h)
总功率	Total power	35.5kw	25.7kw	25.7kw

HP/NP



高速裁板 机驰如电

定制生产，批量生产，高速裁板加工，效率疾驰如电

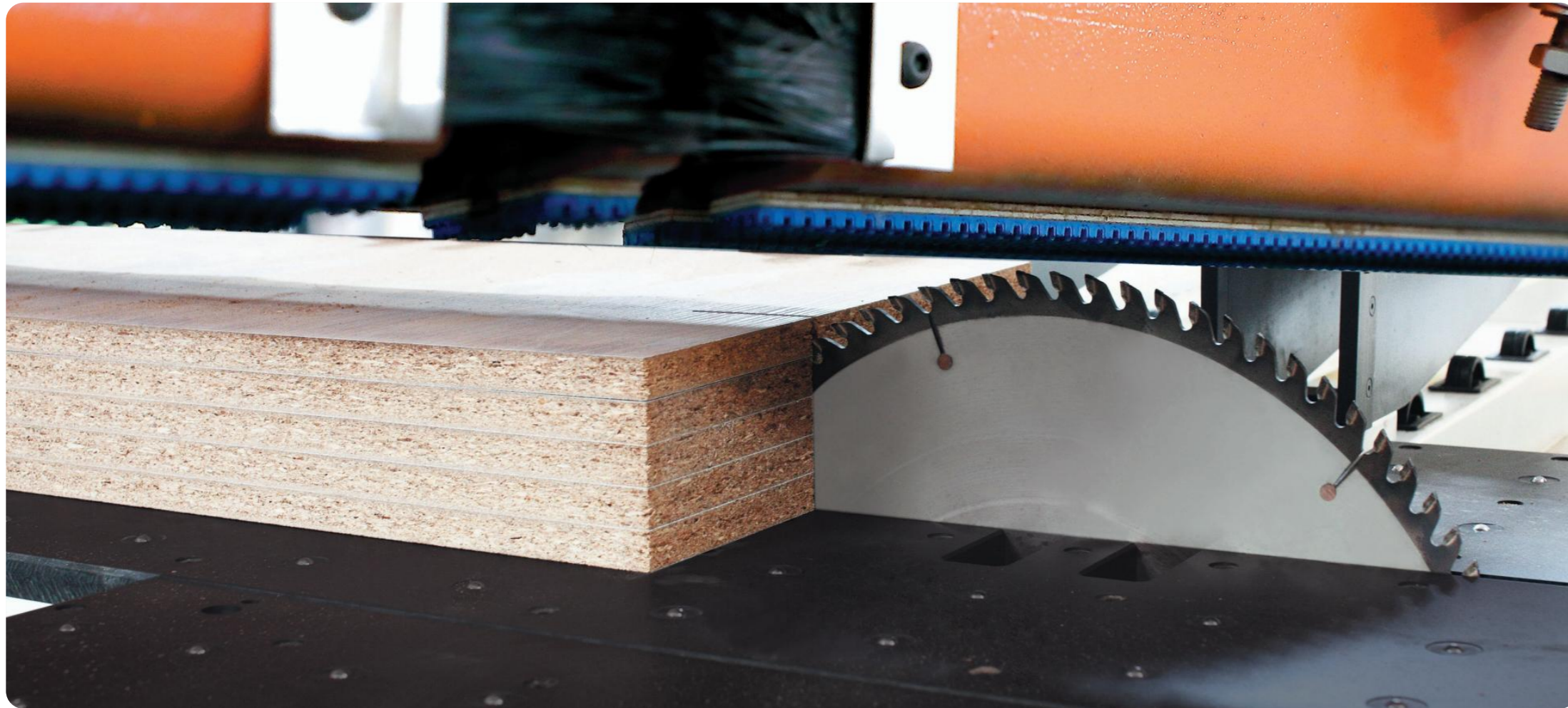
High speed cutting

Customized production, mass production, high speed cutting, high efficiency





工艺流程解析
Process analysis



多种电脑锯连线方案 满足不同应用需求

根据场地、产能、工艺和工序来选择不同的方案
加工模块化工作站，柔性支持多种组合，因地制宜让生产效率最大化



Variety of computer beam saw connection solutions
Meet different applications

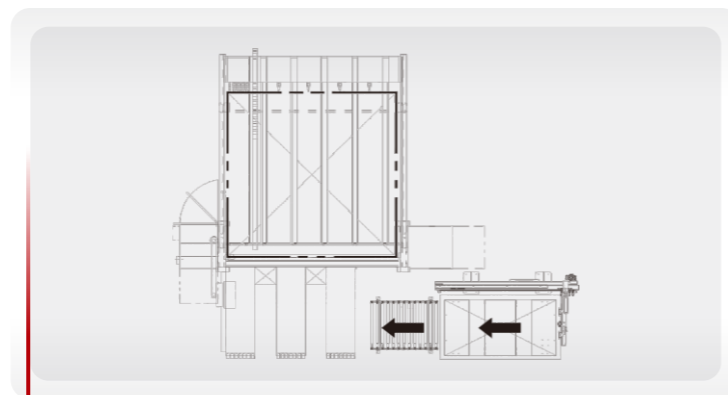
According to the site, production capacity, processing, choose different solutions
Processing modular workstations, flexible support for multiple combinations, adapt to local conditions to maximize production efficiency

裁板

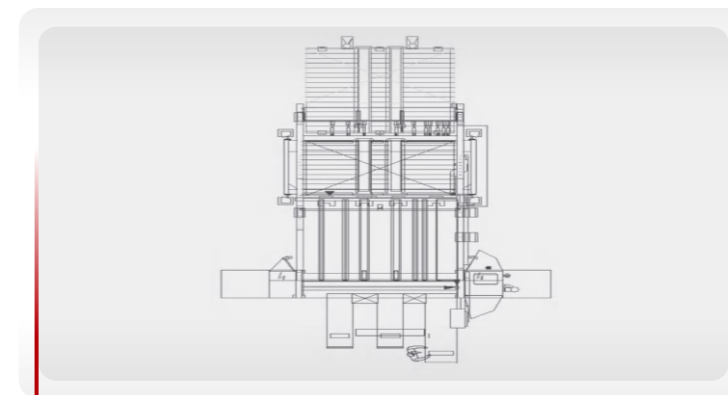
工作站
连线



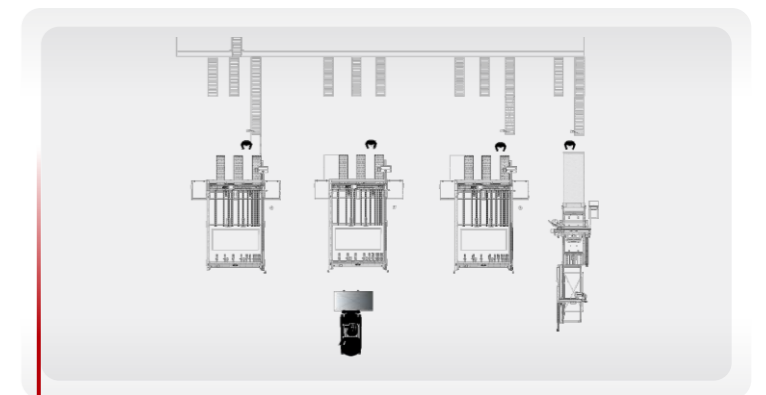
Cutting
Workstation Connection



电子锯前上料方案 Computer beam saw front loading solution



电子锯后上料方案 Computer beam saw rear loading solution



三台电子锯连线 3 sets computer beam saw machines line

HP3318 SAW

数控纵横锯

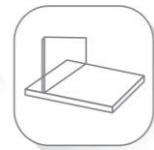
Computer angular saw



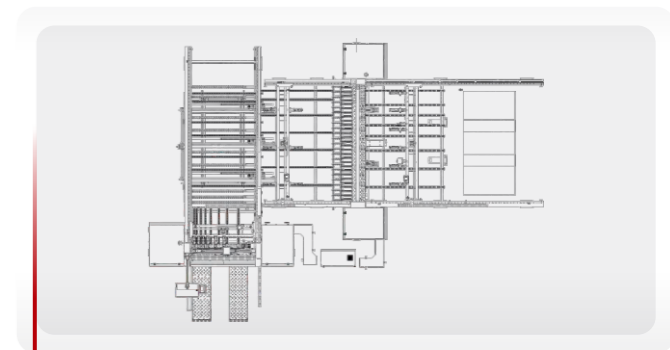
a. 纵横开料
Vertical and horizontal cutting



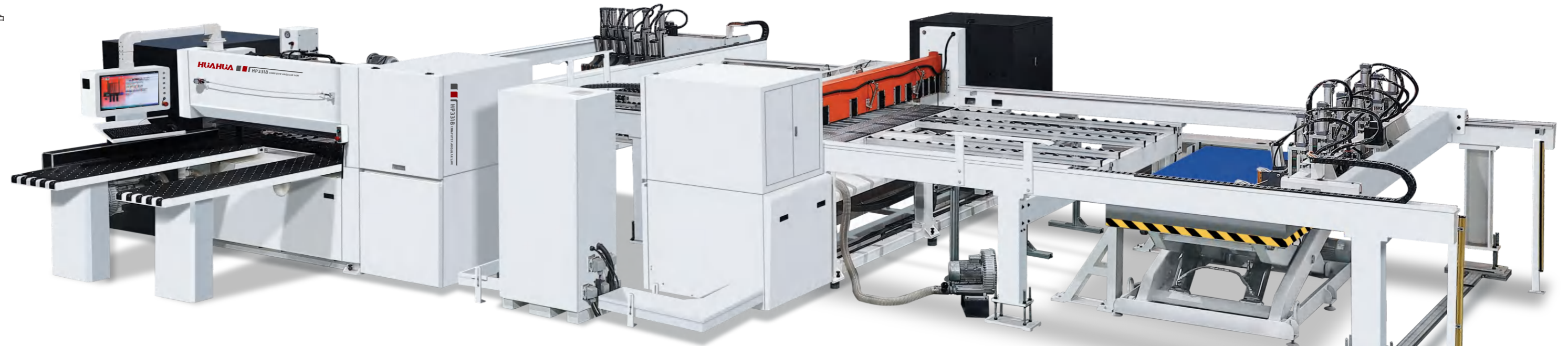
b. 小锯独立运动
scoring saw independent moving




c. 压梁安全防护
Press beam safety protection



平面布局图 Layout Plan



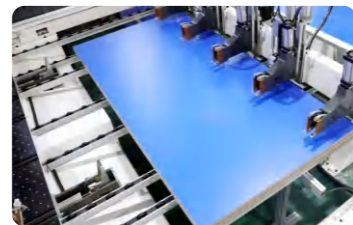
锯车速度0-120米/分
板材锯切厚度可达100MM

 saw carriage speed 0-120m/min
Maximum cutting thickness 100mm



a. 最大纵切长度3300mm, 最大横切长度1800mm

a. Maximum vertical cutting length: 3300mm
Maximum horizontal cutting length: 1800mm



b. 可单张开料, 可叠放多张开料, 批量开料效率翻倍

b. Single pc cutting or multiple pcs cutting, high efficiency



工艺流程解析
Process analysis

HP330CL SAW

高速智能后上料电脑裁板锯

High-speed intelligent rear loading computer beam saw



a. 后上料装置
Rear loading device



b. 双指夹料
Two-finger clamp




c. 压梁安全防护
Press beam safety protection



d. 小锯独立运动
scoring saw independent moving



锯车速度0-120米/分
板材锯切厚度可达120MM

 saw carriage speed 0-120m/min
Maximum cutting thickness 120mm



a. 辊轮助力板料运动，轻松传送板件，保护板材表面，防止板材刮花

a. Rollers help panel moving, easily transfer, protect panel surface, and prevent scratching.

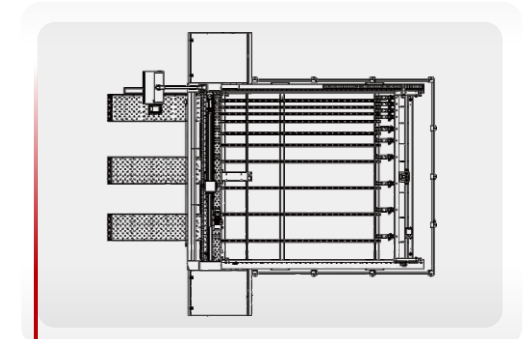


b. 采用灵活的裹胶双指结构，小板件夹板送料更稳定

b. Two fingers clamp with plastic cushion, more stable for small panel clamping and feeding.



工艺流程解析
Process analysis



平面布局图 Layout Plan

HP280 ^{SAW}

高速智能电脑裁板锯

High speed intelligent computer beam saw



a. 双指夹料
Two-finger clamp



b. 小锯独立运动
scoring saw independent moving



c. 自动侧靠
Automatic side aligner

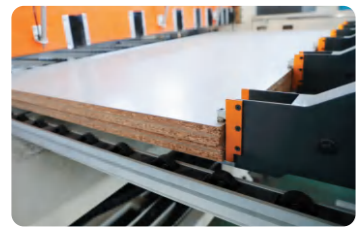


d. 压梁安全防护
Press beam safety protection



锯车速度0-120米/分
板材锯切厚度可达120MM

Saw carriage speed 0-120m/min
Maximum cutting thickness 120mm



a. 采用灵活的裹胶双指结构，小
板件夹板送料更稳定

a. Two fingers clamp with plastic cushion, more
stable for small panel clamping and feeding

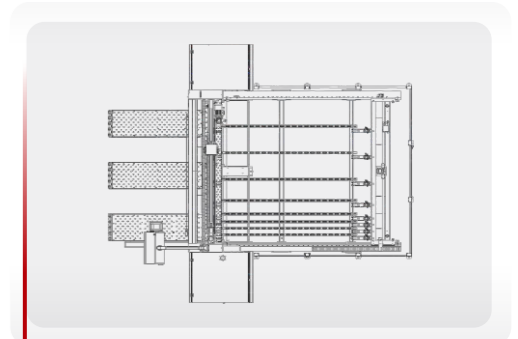


b. 小锯可根据不同锯切高度、
宽度，实现自动定位锯切行程

b. Scoring saw can be adjusted according to
different cutting thickness and width, automatic
sawing stroke can be positioned



工艺流程解析
Process analysis

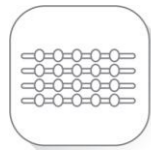


平面布局图 Layout Plan

HP330 SAW

高速智能电脑裁板锯

High speed intelligent computer beam saw



a. 辊轮助力
Roller assist



b. 小锯独立运动
scoring saw independent moving



c. 双指夹料
Two-finger clamp



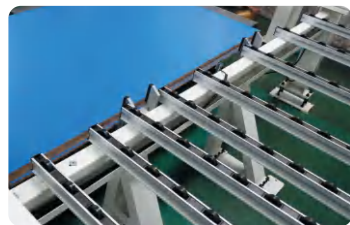
d. 优化排版
Optimization



锯车速度0-120米/分
板材锯切厚度可达120MM

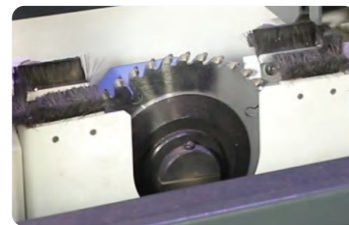


Saw carriage speed 0-120m/min
Maximum cutting thickness 120mm



a. 辊轮助力板料运动，轻松传送板件，保护板材表面，防止板材刮花

a. Rollers help panel moving, easily transfer, protect panel surface, and prevent scratching

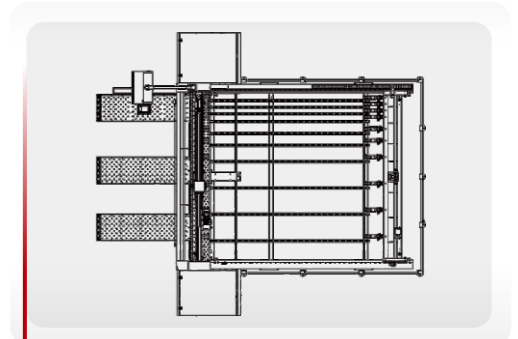


b. 可前后、上下调节副锯，方便工作人员更好调整锯片

b. Scoring saw can be adjusted front and back, up and down, so that operator can adjust the saw blade better



工艺流程解析
Process analysis



平面布局图 Layout Plan

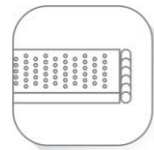
HP380 SAW

高速智能电脑裁板锯

High speed intelligent computer beam saw



工艺流程解析
Process analysis



a. 气浮工作台
Air floating table



b. 锯座电机
Saw carriage motor



c. 打印条码
Print barcode



d. 故障自检
fault self-test



锯车速度0-120米/分
板材锯切厚度可达120MM

Saw carriage speed 0-120m/min
Maximum cutting thickness 120mm



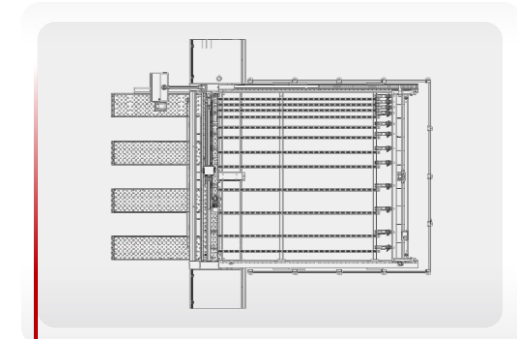
a. 工作台进料采用气动浮珠台面
保护板材表面，防止板材刮花

a. Air floating table can protect the surface of the panel and prevent scratching



b. 锯车速度可达120m/min锯座
驱动伺服电机高速裁板，稳定高效

b. Saw carriage speed can reach 120m/min, saw carriage is driven by servo motor, stable and high efficient



平面布局图 Layout Plan





NP280FGC ^{SAW}

高速智能电脑裁板锯

High speed intelligent computer beam saw




工艺流程解析
Process analysis

-  a.优化排版
Optimization
-  b.双指夹料
Two-finger clamp
-  c.故障自检
Fault self-test
-  d.高速处理
high-speed processing



锯车无极调速0-100米/分
板材锯切厚度可达100MM

 Saw carriage speed 0-100m/min
Maximum cutting thickness 100mm



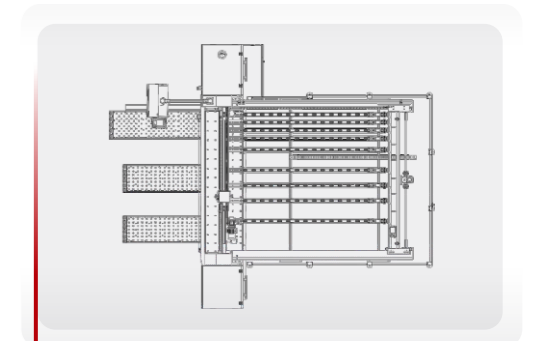
a.HMM控制软件，可编辑管理锯切方案，模拟和执行锯切

a. HMM control software, can edit and manage sawing plan, simulate and execute sawing



b.采用灵活的裹胶双指结构，小板件夹板送料更稳定

b. Two fingers clamp with plastic cushion, more stable for small panel clamping and feeding



平面布局图 Layout Plan





NP330FGC SAW

高速智能电脑裁板锯

High speed intelligent computer beam saw




工艺流程解析
Process analysis

-  a. 防尘挡板
Dust proof baffle
-  b. 精密导轨
Precision guide rail
-  c. 双指夹料
Two-finger clamp
-  d. 自动侧靠
Automatic side aligner



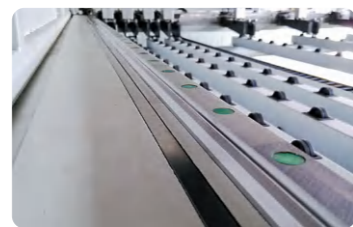
锯车无极调速0-100米/分
板材锯切厚度可达100MM

 Saw carriage speed 0-100m/min
Maximum cutting thickness 100mm



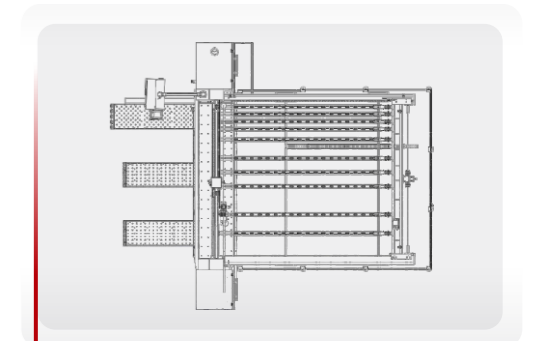
a. 自动打下防尘挡板，防止锯切过程中所产生的边料和尘屑

a. Automatically lay down the dust proof baffle to prevent the offcut and dust generated during cutting



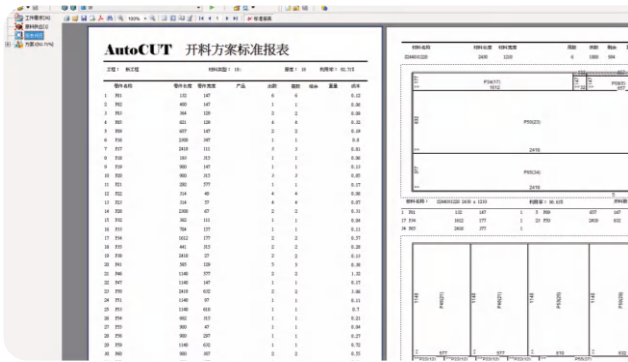
b. 采用台湾上银精密直线滑轨，自润设计无须人工添油

b. Using Taiwan Hiwin precision guide rail, Automatic lubrication, no need to add oil manually



平面布局图 Layout Plan

工艺流程解析 Process analysis

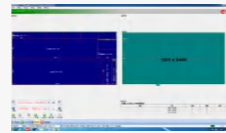


优化排版

对接料单，合理自动排版

Optimization cutting plan

Docking with cutting list, generate cutting solution automatically

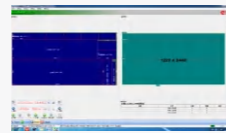


人工上料

将板材从升降平台上送进机械手定位

Manual feeding

Move the panel from lifting table to feeding gripper for position

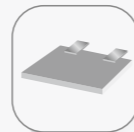
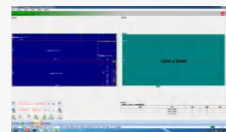


夹紧送料

机械手将板材拉进机械内指定位置

Clamping and feeding

Feeding gripper pulls the panel into the specified position in the machine

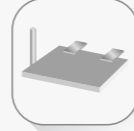
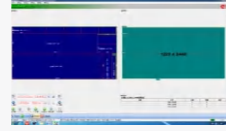


自动侧靠

侧轮将板材从侧面靠紧定位

Automatic side aligner

Side wheels position panel tightly from the side



工艺流程解析 Process analysis

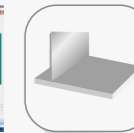
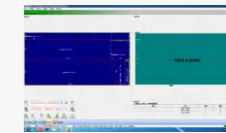


自动压料

压梁自动平整压住材料

Automatic press panel

Press beam automatic press panel flatly

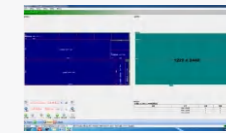


防尘挡板

防止边料和灰尘向外飞溅

Dust proof baffle

Prevent offcut and dust splashing outside

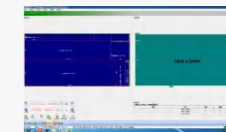


精密锯切

高速有效地锯切板材

Precision cutting

Efficient and high speed cutting

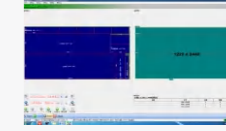


自动出料

按照程序设定的尺寸裁切，自动送出

Automatic output

Cut according to the size set by the program and output automatically





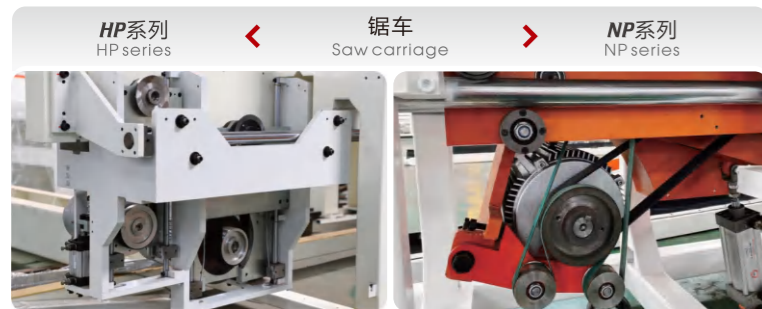
采用行业领先的双指夹料结构，板料夹料采用气缸，且送料前经过滚轮床面，确保尺寸锯切精度且不会伤及工件表面

The industry-leading two-finger clamping structure is adopted, panel is clamped by air cylinder, before feeding, passing the roller conveyor to ensure the cutting accuracy without damaging panel surface.



配置英威腾2KW伺服电机，锯车动力减速机，齿轮减速机三相异步电动机，保证板材锯切行程高效、平稳

Equipped with INVT 2KW servo motor, saw carriage power reducer, gear reducer three-phase asynchronous motor, make sure high efficient and stable cutting.



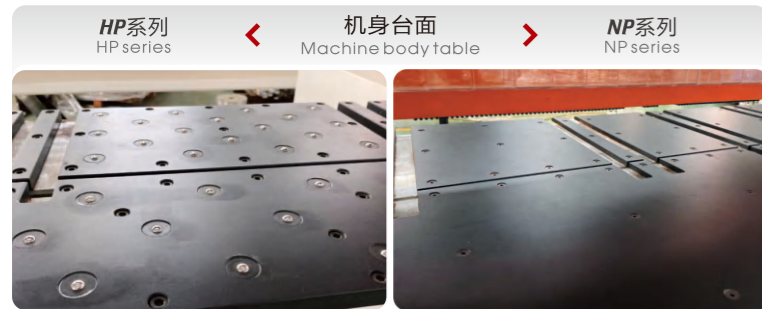
大小锯独立升降，可根据不同锯切高度、宽度实现自动定位锯切行程 标配18.5KW主锯电机，锯片快速装卸，有效减轻工人负担

Main saw and scoring saw are lifted and lowered independently, sawing stroke can be automatically positioned according to different cutting thickness and width, standard 18.5kw main saw motor is equipped, saw blades fastly replace, which effectively reduces the burden on workers.



辊轮助力板料运动，轻松传送板件，保护板材表面，防止板材刮花，厚重板料一样变得轻松自如

Rollers assist the panel moving, protect surface of the panel and prevent scratching, heavy panel is easy to move too.



锯切台面设计升级，较传统台面更窄。优势在于不容易下沉、变形，锯切板材不容易爆边

Cutting table design is upgraded, It is narrower than traditional table, advantage is that it is not easy to sink or deform, and cutting panel edge is not easy to burst.



18.5kw 台湾三叶主锯电机，主锯轴转速 4000rpm，伺服高精度减速机 可随锯切厚度自动调整锯切高度，高速、稳定、灵活

18.5kw Taiwan Sanye motor, main saw shaft rotation speed is 4000rpm, precision reducer can automatically adjust the cutting height according to the panel thickness, high speed, stable, and flexible.



型号参数	Model	HP3318	HP330CL	HP280/HP330	HP380	NP280/330FGC
纵切长度	Max.cutting length	3300mm	3300mm	2800mm / 3300mm	3800mm	2800mm / 3300mm
横切长度	Max. horizontal cutting length	1800mm	-	-	-	-
锯切厚度	Max.cutting thickness	100mm	120mm	120mm	120mm	100mm
主锯片直径	Main saw blade diameter	Φ380(选配option450mm)	Φ380mm(选配option450mm)	Φ380mm(选配option450mm)	Φ380mm(选配option450mm)	Φ380/(选配option400mm)
主锯轴轴径	Main saw shaft diameter	Φ75mm	Φ75mm	Φ75mm	Φ75mm	Φ60mm
主锯轴转速	Main saw shaft rotation speed	4000rpm	4000rpm	4000rpm	4000rpm	4000rpm
槽锯片直径	Scoring saw blade diameter	Φ200mm	Φ200mm	Φ200mm	Φ200mm	Φ180mm
槽锯轴轴径	Scoring saw shaft diameter	Φ50	Φ50	Φ50	Φ50	Φ30
槽锯轴转速	Scoring saw shaft rotation speed	5200rpm	5200rpm	5200rpm	5200rpm	6900rpm
锯座前进速度	Saw carriage forward speed	100m/min	100m/min	100m/min	100m/min	100m/min
锯座后退速度	Saw carriage backward speed	120m/min	120m/min	120m/min	120m/min	120m/min
主锯电机	Main saw motor	18.5kw*2	18.5kw	18.5kw	18.5kw	16kw
槽锯电机	Scoring saw motor	2.2kw*2	2.2kw	2.2kw	2.2kw	-
锯座驱动电机	Saw carriage drive motor	2kw*2 (AC伺服servo)	2kw(AC伺服servo)	2kw(AC伺服servo)	2kw(AC伺服servo)	2.2kw
自动送料电机	Automatic feeding motor	2kw*2 (AC伺服servo)	2kw (AC伺服servo)	2kw (AC伺服servo)	2kw (AC伺服servo)	1kw (AC伺服servo)
高压送风电机	High-pressure blower motor	3kw*2+2.2kw	3kw+2.2kw	3kw+2.2kw	3kw+2.2kw	3kw
侧靠电机	Side aligner motor	0.25kw	0.25kw	0.25kw	0.25kw	0.25kw
升降平台电机	Lifting platform motor	2kw	2kw	-	-	-
输送电机	Conveyor motor	0.75kw*2	-	-	-	-
总功率	Total power	61.35kw	32.15kw	30.15kw	30.15kw	22.45kw
自动送料速度	Automatic feeding speed	85m/min	85m/min	85m/min	85m/min	100m/min
使用气压	Air pressure	5-7kg/cm ²	5-7kg/cm ²	5-7kg/cm ²	5-7kg/cm ²	5-7kg/cm ²
工作台离地高度	Worktable height	960mm	980mm	980mm	980mm	960mm
净重	Net weight	14300kg	6500kg	5300kg/5800kg	6300kg	4500kg/5000kg
工作安装机器尺寸	Machine size	8000*11600*2200mm	5740*7600*2066mm	6060*5240*2060mm 6560*5740*2060mm	7060*6040*2060mm	5300*6300*2000mm 5800*6300*2000mm
送料架(长*宽*高)	Feeding frame(l*w*h)	-	-	-	-	3850*850*1600mm 4350*850*1600mm
气浮台数量	Air floating table quantity	2	3	3	4	3

HH



自动封边 机简而作

模块化设计，按需定制，做到机简而作

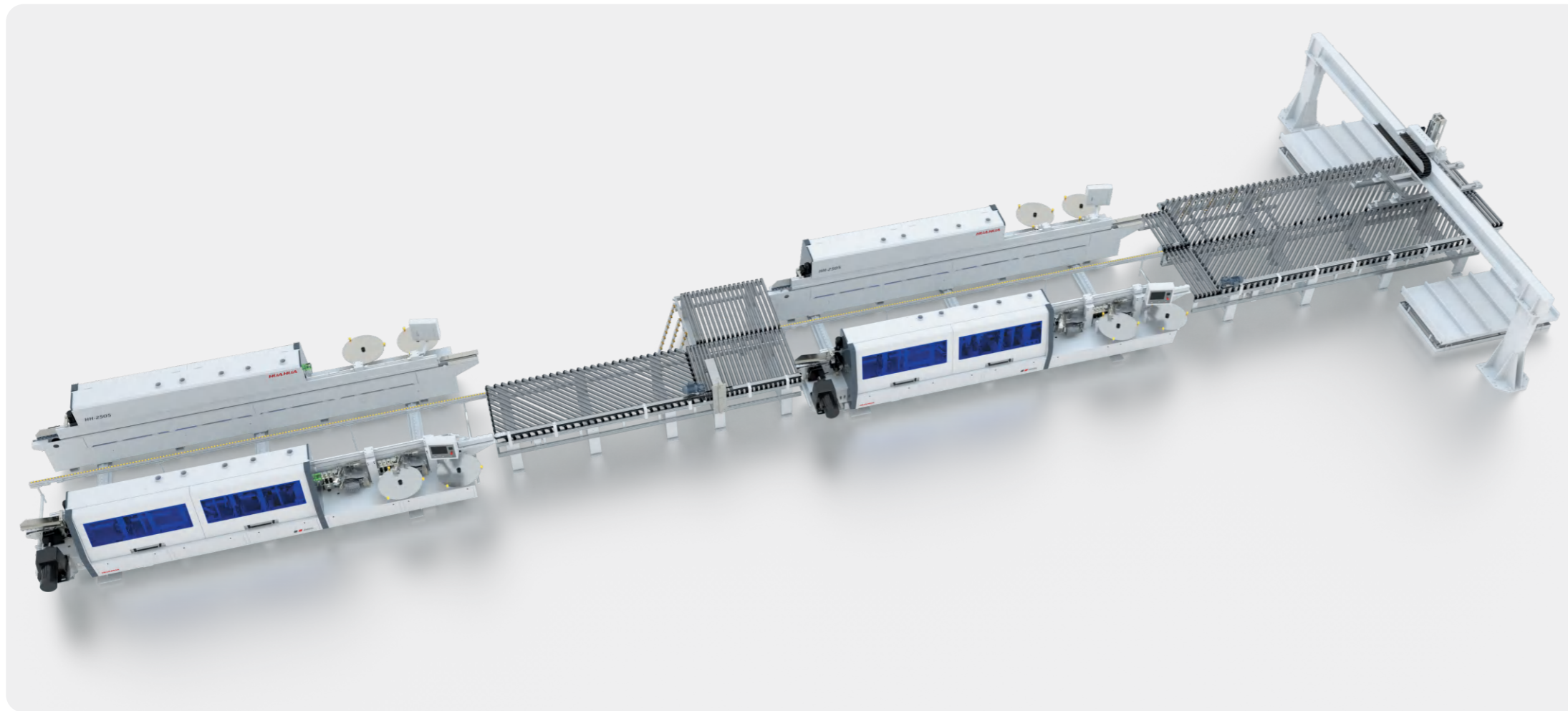
Automatic edge banding

Modular design, customized on demand, easy to operate





工艺流程解析
Process analysis



多种封边机连线方案 满足不同应用需求

根据场地、产能、工艺和工序来选择不同的方案
加工模块化工作站，柔性支持多种组合，因地制宜让生产效率最大化



Variety of edge banding machine connection solutions
Meet different applications

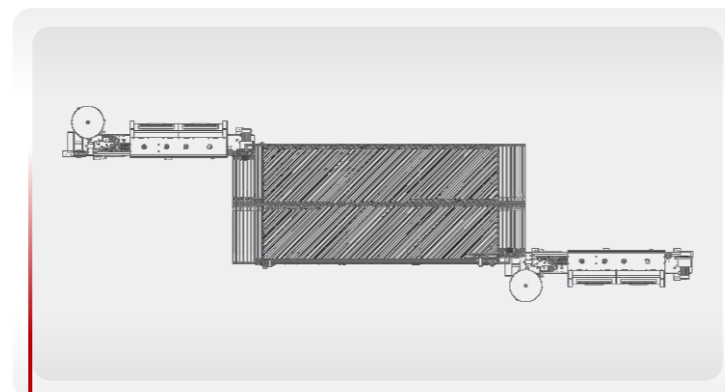
According to the site, production capacity, processing, choose different solutions
Processing modular workstations, flexible support for multiple combinations, adapt to local conditions to maximize production efficiency

封边

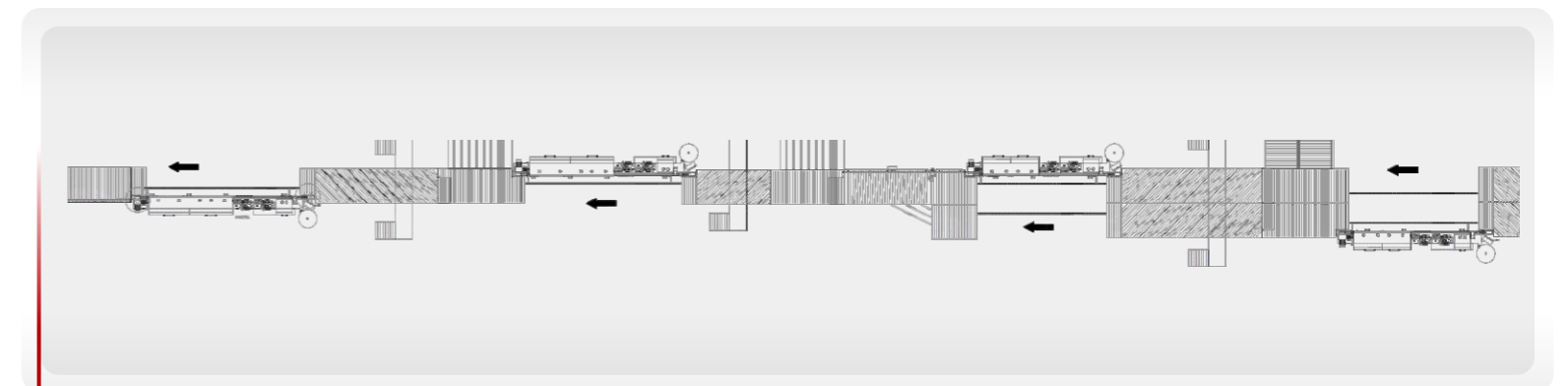
工作站
连线



Edge banding
Workstation Connection



左右封边机连线 Edge banding machine line (left and right)



四单端封边机连线 Four edge banding machine line

HH-2505R ^{EDGE}

双端直线封边机

Double-side edge banding machine



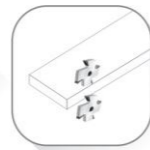
a. 同步输送
Synchronous convey



b. 左右输送
Left and right convey



c. 高效封边
Efficient edge banding



d. 双精修装置
Double fine trimming



左右连线封边完两边落地一次
减少落地次数封边效率更高



Left and right edge banding
only need transfer one time, more efficient



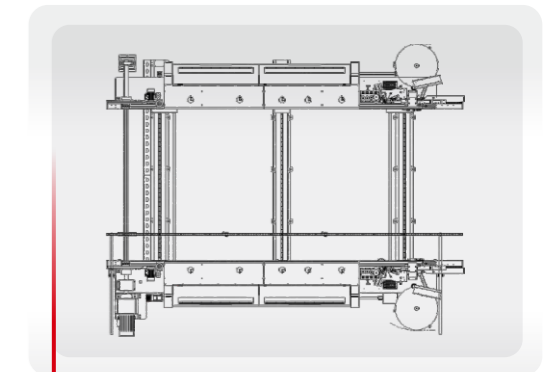
a. 同步输送装置，标准化封边流程
柔性化封边更省事更灵活

a. Synchronous conveying device, standardized edge banding process, flexible edge banding



b. 左右输送装置，通过式加工，缩短板间距，让每台封边机利用率最大化

b. Left and right conveying device, through-type processing, shorten panel distance, maximize the utilization of each edge banding machine



平面布局图 Layout Plan



工艺流程解析
Process analysis

HH-688RLKHZ EDGE

伺服重型高速直线封边机

Servo heavy-duty high-speed linear edge banding machine

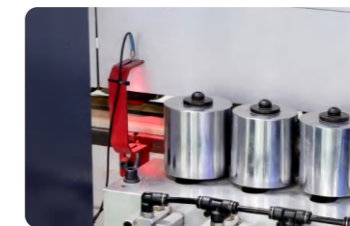


工艺流程解析
Process analysis

实现整机伺服,封边开槽
一键到位,家具必备神器



Realize the whole machine servo control, the edge banding and grooving press control by one button, the necessary machine for furniture



a.采用红外线测距
为保证加工精度

a. Using infrared ranging, in order to ensure the processing accuracy



b.双头伺服四角跟踪
精准稳定

b. Double-head servo four-corner rounding. Precise and stable

- 

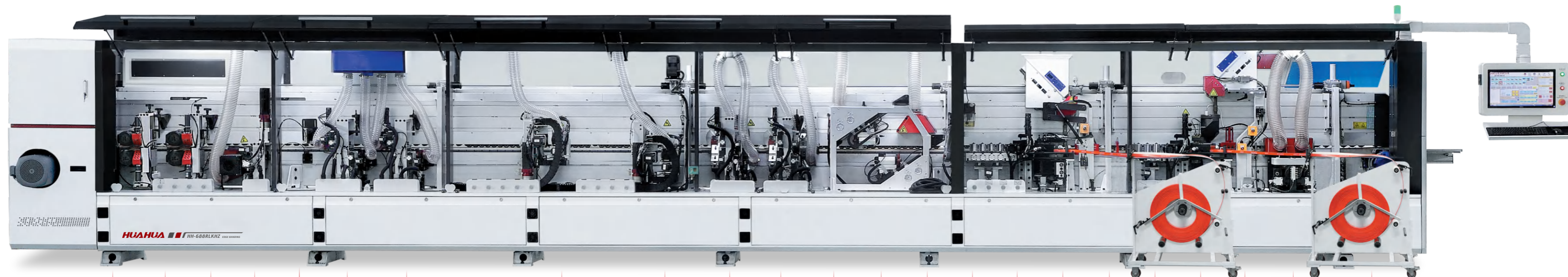
a.伺服开槽
Servo grooving
- 
























b.红外线测距
Infrared ranging
- 

c.高速四角跟踪
Four-corner rounding
- 

d.双涂胶机构
Double gluing
- 

e.电脑控制
PC control



- 
电动抛光2
Electric buffing 2
- 
电动抛光1
Electric buffing 1
- 
清洗
Cleaning
- 
伺服调节开槽
Servo adjustment grooving
- 
断丝
Off-cut
- 
伺服调节刮边2
Servo adjustment scraping 2
- 
伺服调节刮边1
Servo adjustment scraping 1
- 
伺服调节四角跟踪
Servo adjustment four-corner rounding
- 
伺服调节精修2
Servo adjustment fine trimming 2
- 
伺服调节精修1
Servo adjustment fine trimming 1
- 
双导轨齐头
Double rails end cutting
- 
伺服调节贴边2
Servo adjustment pressing 2
- 
伺服压带2
Servo pressing tape 2
- 
伺服精准送带2
Servo precision edge feeding 2
- 
EVA涂胶
EVA glue
- 
快速溶胶2
Quick melt 2
- 
伺服调节贴边1
Servo adjustment pressing 1
- 
伺服压带1
Servo pressing tape 1
- 
伺服精准送带1
Servo precision edge feeding 1
- 
PUR涂胶
PUR glue
- 
快速溶胶1
Quick melt 1
- 
预铣
Pre-milling
- 
分离
Releasing

HH-608RLKZ EDGE

重型高速直线封边机

Heavy-duty high-speed linear edge banding machine



工艺流程解析
Process analysis

重型一体式机架 钢结构导轨
多功能封边神器，省时省“薪”

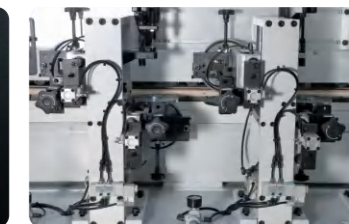


Heavy-duty integrated frame, steel structure guide rail
Multi-function edge banding machines, saving time, labor cost



a. 采用独立式涡轮蜗杆升降和精密滑动块传动，大幅度提高升降各单元稳定性与同步性

a. Using independent worm gear lifting and precision sliding block transmission, greatly improving the stability and synchronization of the lifting units

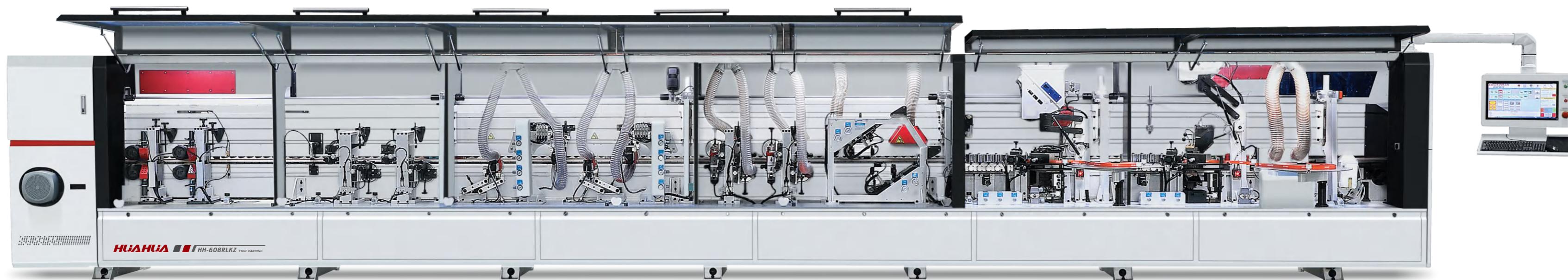


b. 定向吹气排屑，减少封边带丝状物卡阻大小圆盘，增进封边效果

b. Directional blowing and chip removal, prevent filaments jam the small and big disks improve the edge banding effect



- a. 重型钢结构一体导轨
Heavy-duty steel structure integrated rail
- b. 涡轮蜗杆升降
Turbine worm lifting
- c. 重型款铝材压梁
Heavy-duty aluminum pressure beam
- d. 电动抛光
Electric buffing
- e. 定向排屑刮边
Directional chip removal scraping
- f. 可选配开槽
Grooving optional



- 电动抛光2
Electric buffing 2
- 电动抛光1
Electric buffing 1
- 清洗
Cleaning
- 断丝
Off-cut
- R2刮边
R2 Scraping
- R1刮边
R1 Scraping
- 四角仿形跟踪
Four corner Rounding
- R2精修
R2 fine trimming
- R1精修
R1 fine trimming
- 双导轨齐头
Double rails end cutting
- 贴边2
Pressing 2
- EVA涂胶
EVA glue
- 快速溶胶2
Quick melt 2
- 贴边1
Pressing 1
- PUR涂胶
PUR glue
- 快速溶胶1
Quick melt 1
- 预铣
Pre-milling
- 分离
Releasing

HH-608RLK EDGE

高速直线封边机

High-speed linear edge banding machine

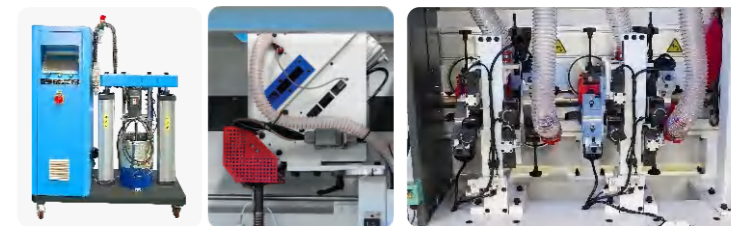


工艺流程解析
Process analysis

无惧胶线问题
多功能高速封边，满足多种封边需求
可选配胶机和四通道换带



No fear of glue line problems
Multifunctional high-speed edge banding to meet various edge banding needs
Optional glue machine and four-channel tape change



a. PUR胶机、胶锅装置，全新设计快速溶胶，让封边效果更完美

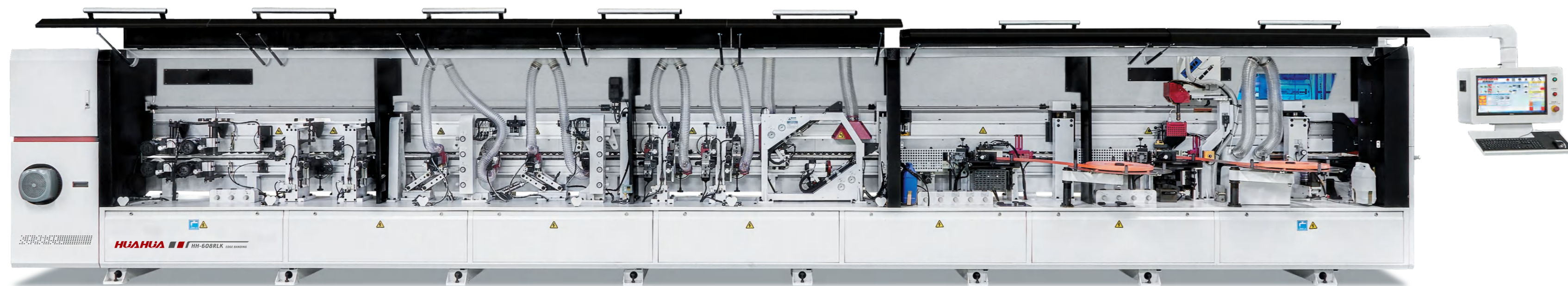
b. 加工板材封边条上下多余的封边材料，使其铣削的弧形更美观

a. PUR glue machine, glue pot device, new design for fast sol, make the edge banding effect more perfect

b. Process excess tape on the top and bottom of panel to make the trimming arc more beautiful



a. 可选配PUR
PUR optional
b. 双精修装置
Double fine trimming
c. 高效封边
Efficient edge banding
d. 双涂胶机构
Double gluing



HH-586RLK(45) EDGE

双胶锅端头封边机

Narrow panel edge banding machine with double gluing unit

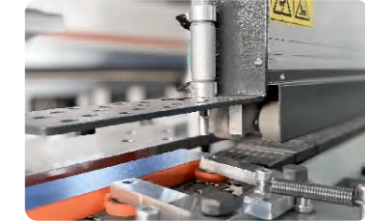


工艺流程解析
Process analysis

端头封边，不惧窄板
升级高端配置，大大提升封边效果



Narrow panel edge banding
Upgrade high-end configuration, greatly improve the edge banding effect




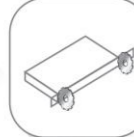
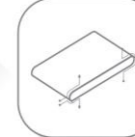

a. 小板辅助送料装置，最小可以完成端头板45*200mm长窄边40*300mm封边加工

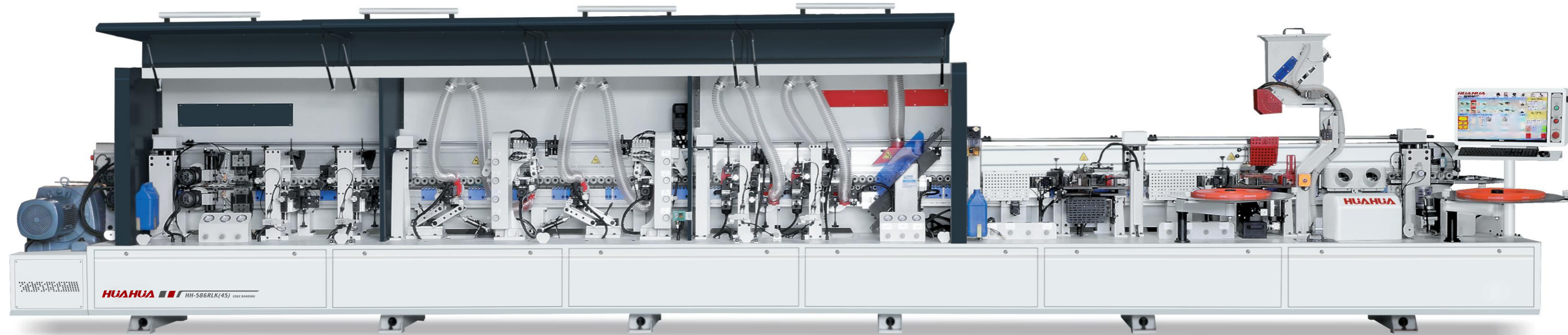
a. Small panel auxiliary feeding device, the minimum can be completed the narrow panel 45*200mm, long narrow side 40*300mm edge processing



b. 4个强力压轮+1个胶轮，加大压轮直径为150mm，自带刮刀喷洗余胶，胶轮包覆性更好，贴合更紧密

b. 4pcs strong press wheel+1pc rubber wheel, Enlarged the press wheel diameter to 150mm with a scraping cutter and automatically clean the residual glue, The rubber wheel has better coating performance, Stick with edge banding tape more tightly

- 
a. 4+1压轮
 4+1 press wheels
- 
b. 前后齐头
 End cutting
- 
c. 高速四角跟踪
 Four-corner rounding
- 
d. 端头窄封边
 Narrow panel edge banding



- 
 抛光2
Buffing 2
- 
 抛光1
Buffing 1
- 
 平刮
Flat scraping
- 
 R2刮边
R2 Scraping
- 
 R1刮边
R1 Scraping
- 
 四角仿形跟踪
Four Corner Rounding
- 
 R2精修
R2 fine trimming
- 
 R1精修
R1 fine trimming
- 
 前后齐头
End cutting
- 
 贴边2
Pressing 2
- 
 EVA涂胶
EVA glue
- 
 贴边1
Pressing 1
- 
 PUR涂胶
PUR glue
- 
 快速溶胶
Quick melt
- 
 预铣
Pre-milling
- 
 自动润滑
automatic lubrication
- 
 分离
Releasing

HH-556RLK EDGE

全自动直线封边机

Automatic Linear Edge Banding Machine

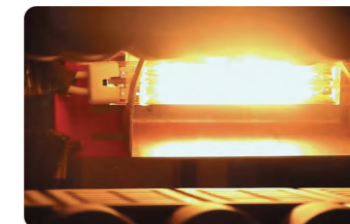


工艺流程解析
Process analysis

多功能双PUR
满足多种高定封边需求
一机两用，性价比为王



Multifunctional double PUR
Meet a variety of high-definition edge banding needs
One machine for two purposes, cost performance is king



a. 烤灯预热板材边缘后,涂胶封边更严密,封边带粘贴更加牢固

a. After the heating lamp pre-heat the panel edge, glue and edge banding are more tightly, the edge tape is adhered more firmly



b. 上下升降自动定位,一步到达指定压梁高度

b. Automatic positioning up and down, One step to reach the specified pressure beam height



a. 双抛光装置 Double buffing unit
b. 分离清洗 Releasing and cleaning
c. 跟踪修边 Corner rounding
d. 快速溶胶 Quick melt



抛光2
Buffing 2



抛光1
Buffing 1



柔性平刮
Flexible flat scraping



刮边
Scraping



跟踪修边
Corner rounding



精修
Fine trimming



粗修
Rough trimming



前后齐头
End cutting



贴边
Pressing



PUR涂胶2
PUR glue 2



PUR涂胶1
PUR glue 1



快速溶胶2
Quick melt 2



快速溶胶1
Quick melt 1



预铣
Pre-milling



分离
Releasing

HH-509R EDGE

斜直一体封边机

Inclined and straight edge banding machine

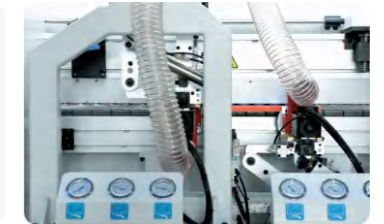
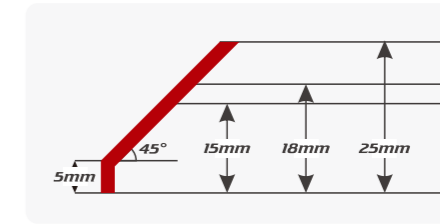


工艺流程解析
Process analysis

斜直一体 一机搞定
自由切换 封边牢固 严丝紧密



Inclined and straight all in one machine
Free switching, strong edge banding



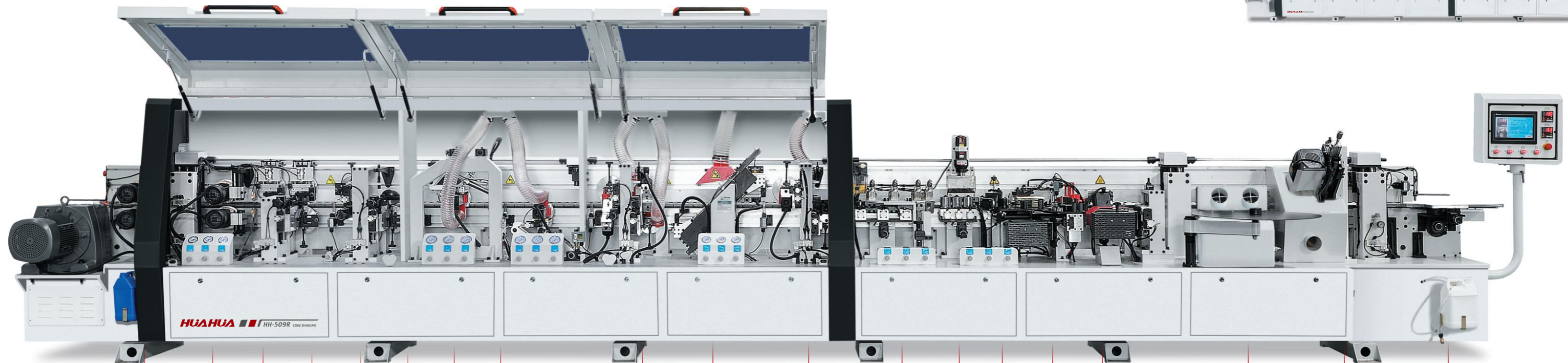
a. 斜边预铣角度可调，铣削刀把板边铣削成斜边，可调整倾斜角度，斜边一次成型

b. 把板材粘合的封边条4个边角铣削为R弧形

a. Inclined surface pre-milling degree is adjustable, milling cutter mills the edge of panel into a inclined surface, the inclination degree can be adjusted, and the inclined surface is formed at one time

a. Mill four corners with tape of the panel into R arcs.

- a. 斜直一体
Inclined and straight
- b. 跟踪修边
Corner rounding
- c. 刻槽装置
Tape grooving
- d. 预铣装置
Pre-milling



- 抛光2
Buffing 2
- 抛光1
Buffing 1
- 清洗
Cleaning
- 平刮边2
Flat scraping 2
- 平刮边1
Flat scraping 1
- R2刮边
R2 Scraping
- R1刮边
R1 Scraping
- 跟踪修边
Corner rounding

- 精修
Fine trimming
- 前后齐头
End cutting
- 粗修
Rough trimming

- 斜边压贴
Inclined edge pressing
- 直边压贴
Straight edge pressing
- 直边涂胶
Straight edge gluing
- 封边带刻槽
Tape grooving
- 斜面涂胶
Inclined edge gluing

- 直边预铣
Straight edge pre-milling
- 斜锯
Inclined edge milling
- 分离
Releasing

HH-506RL EDGE

直线封边机

Straight edge banding machine



工艺流程解析
Process analysis

高效稳定 完美封边
多功能封边神器，省时省“薪”



Efficient and stable, perfect edge banding
Multi-function edge banding machines, saving time, labor cost



a.通过四个压贴轮进行加压，使板材和封边带贴合更加牢固

a. Pressurized by four pressing wheels to make panel and tape stick more firmly



b.预铣单元使封边条与板材贴合更紧密，整体性和美观度更佳

b. Pre milling unit make the tape and panel stick more firmly, better integrity and aesthetics



a. 四轮压贴 Four-wheels pressing
b. 预铣装置 Pre-milling
c. 跟踪修边 Corner rounding
d. 双抛光装置 Double buffing

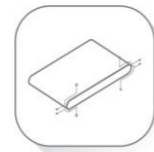


抛光2 Buffing 2
抛光1 Buffing 1
清洗 Cleaning
刮边 Scraping
跟踪修边 Corner rounding
精修 Fine trimming
粗修 Rough trimming
前后齐头 End cutting
贴边2 Pressing 2
涂胶2 glue 2
贴边1 Pressing 1
涂胶1 glue 1
预铣 Pre-milling
分离 Releasing

HH-506R EDGE

直线封边机

Straight edge banding machine



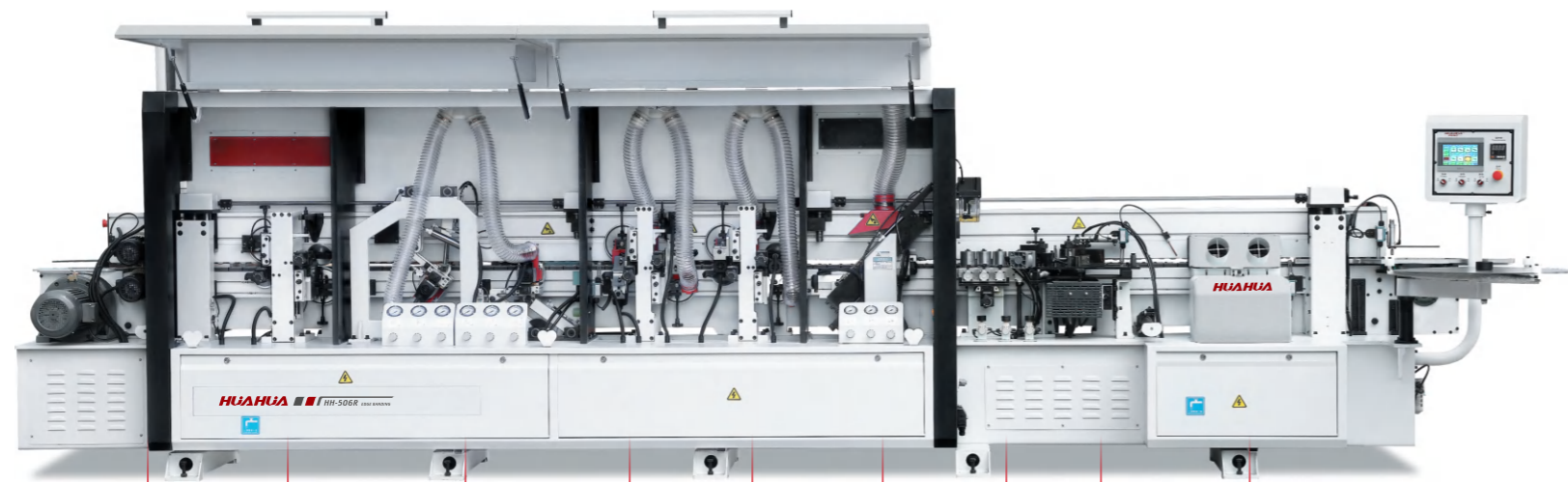
a. 跟踪修边
Corner rounding



b. 预铣装置
Pre-milling



工艺流程解析
Process analysis



抛光
Buffing



刮边
Scraping



跟踪修边
Corner rounding



精修
Fine trimming



粗修
Rough trimming



前后齐头
End cutting



贴边
Pressing



涂胶
Glue



预铣
Pre-milling

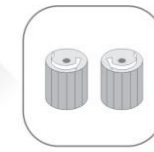
HH-506 EDGE

直线封边机

Straight edge banding machine



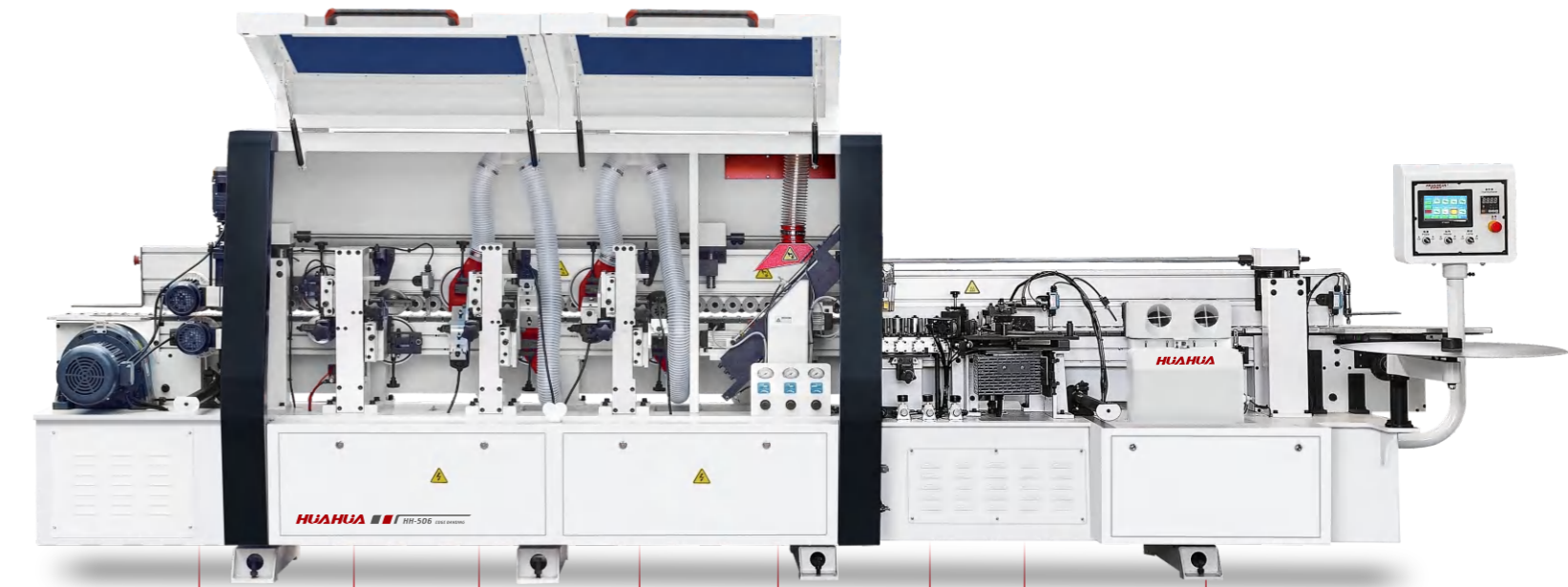
a. 四轮压贴
Four-wheels pressing



b. 预铣装置
Pre-milling



工艺流程解析
Process analysis



抛光
Buffing



刮边
Scraping



精修
Fine trimming



粗修
Rough trimming



前后齐头
End cutting



贴边
Pressing



涂胶
Glue

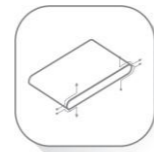


预铣
Pre-milling

HH-505RLF EDGE

直线封边机

Straight edge banding machine



a.跟踪修边
Corner rounding



b.双涂胶机构
Double gluing



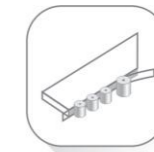
工艺流程解析
Process analysis



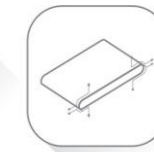
HH-505R EDGE

直线封边机

Straight edge banding machine



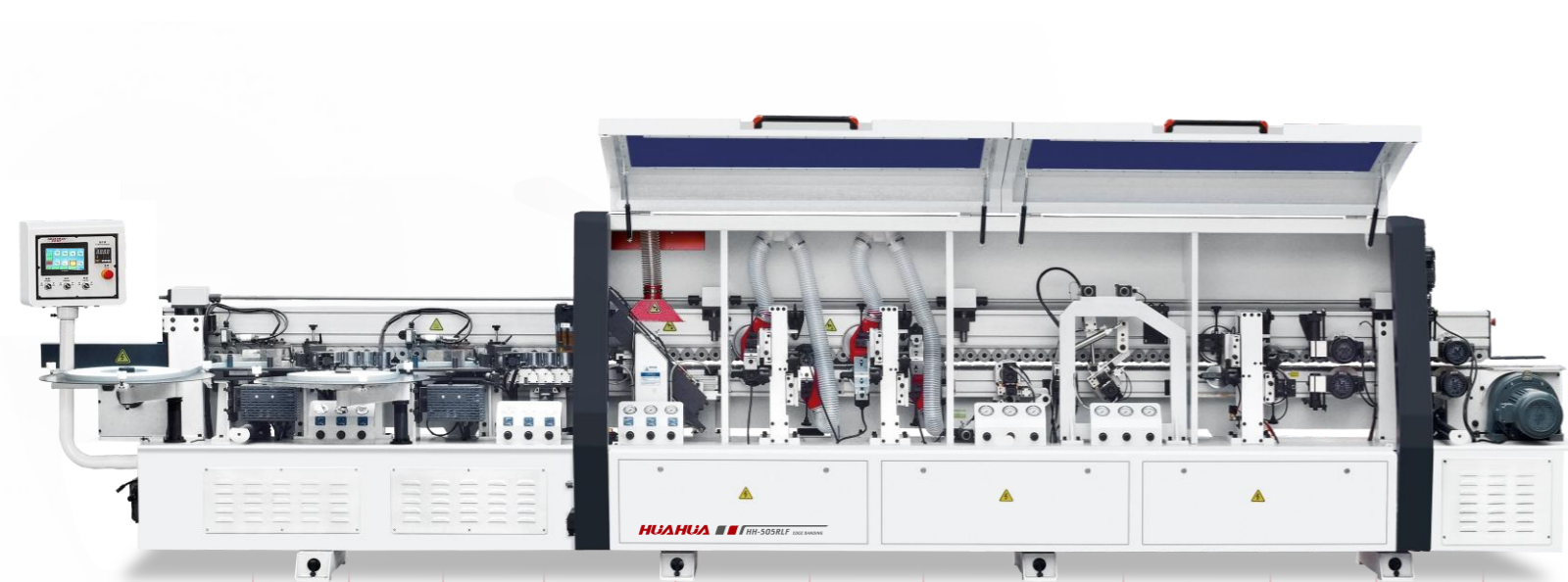
Four-wheels pressing



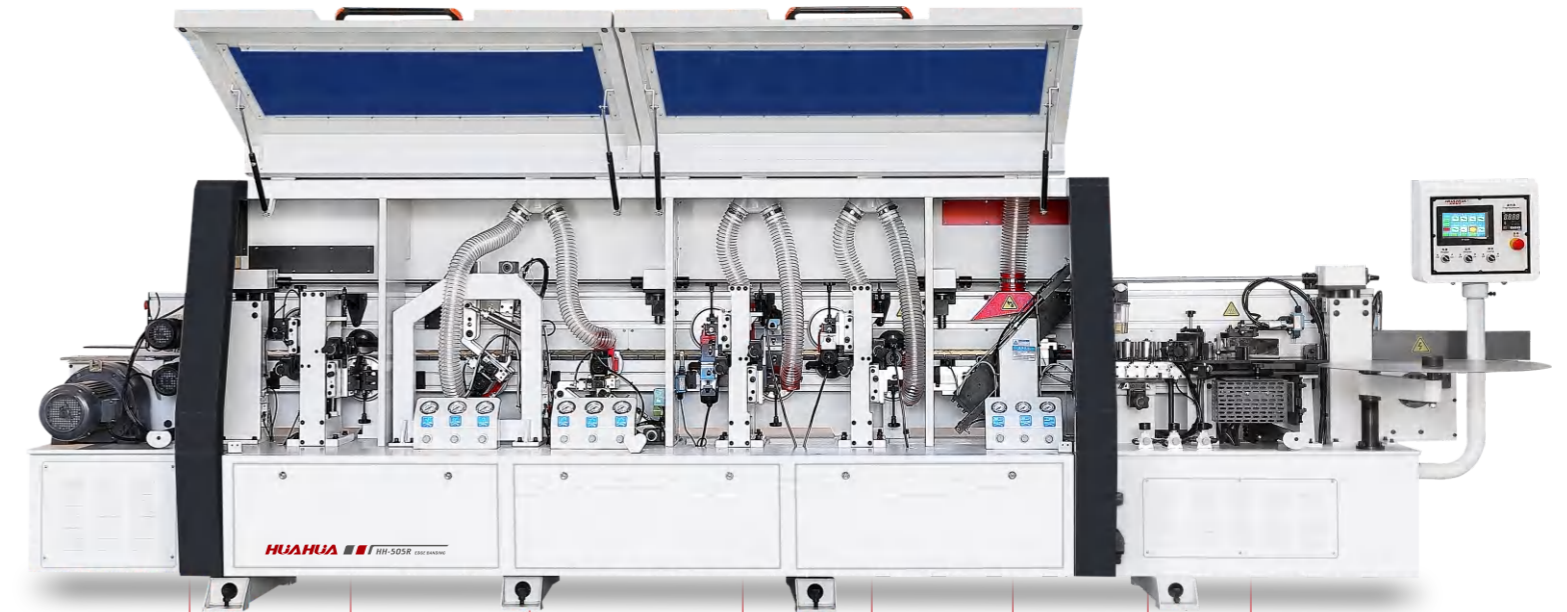
b.跟踪修边
Corner rounding



工艺流程解析
Process analysis



- 涂胶1
Glue1
- 贴边1
Pressing 1
- 涂胶2
Glue2
- 贴边2
Pressing 2
- 前后齐头
End cutting
- 粗修
Rough trimming
- 精修
Fine trimming
- 跟踪修边
Corner rounding
- 刮边
Scraping
- 抛光1
Buffing1
- 抛光2
Buffing2



- 抛光
Buffing
- 刮边
Scraping
- 跟踪修边
Corner rounding
- 精修
Fine trimming
- 粗修
Rough trimming
- 前后齐头
End cutting
- 贴边
Pressing
- 涂胶
Glue

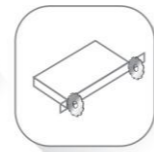
HH-505 EDGE

直线封边机

Straight edge banding machine



a. 四轮压贴
Four-wheels pressing



b. 前后齐头
End cutting

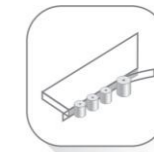


工艺流程解析
Process analysis

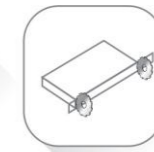
HH-504 EDGE

直线封边机

Straight edge banding machine



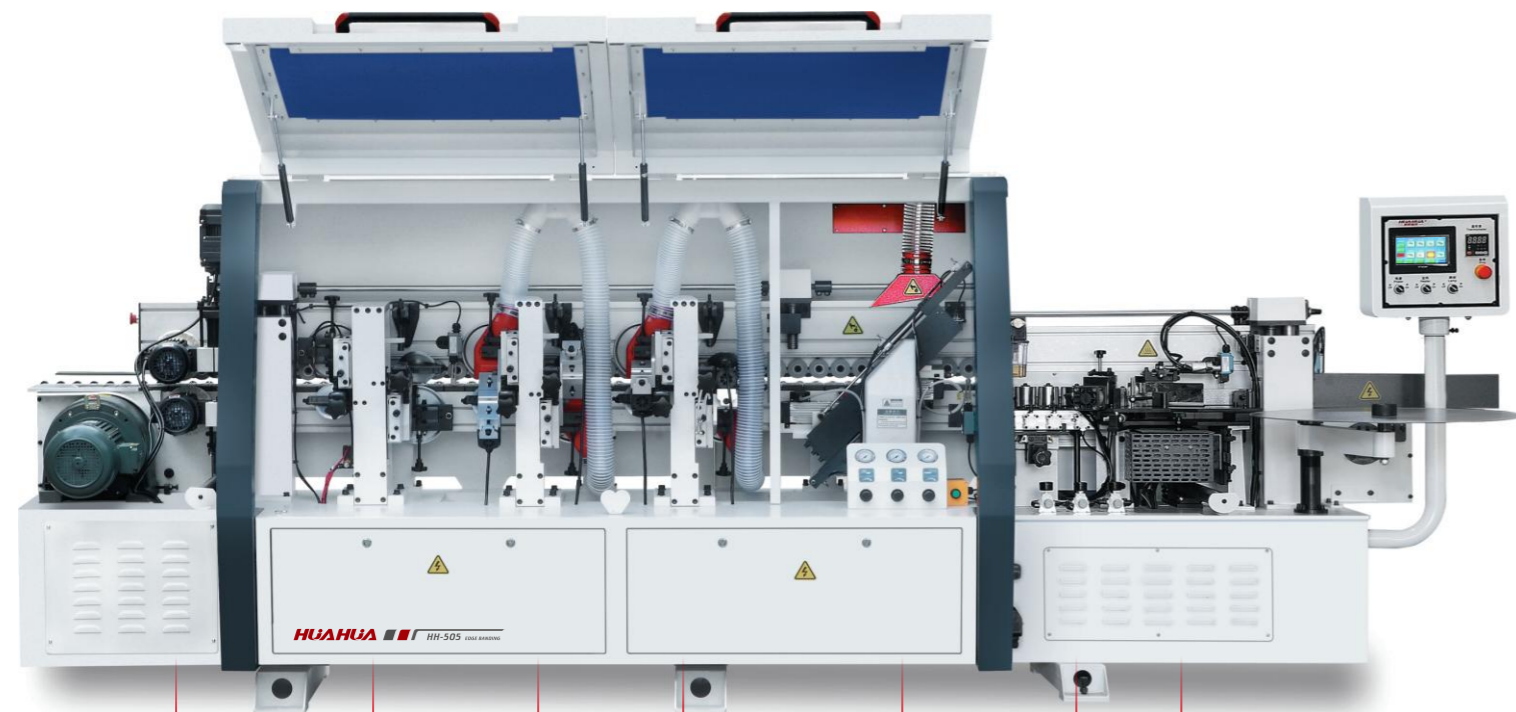
a. 四轮压贴
Four-wheels pressing



b. 前后齐头
End cutting



工艺流程解析
Process analysis



抛光
Buffing



刮边
Scraping



精修
Fine trimming



粗修
Rough trimming



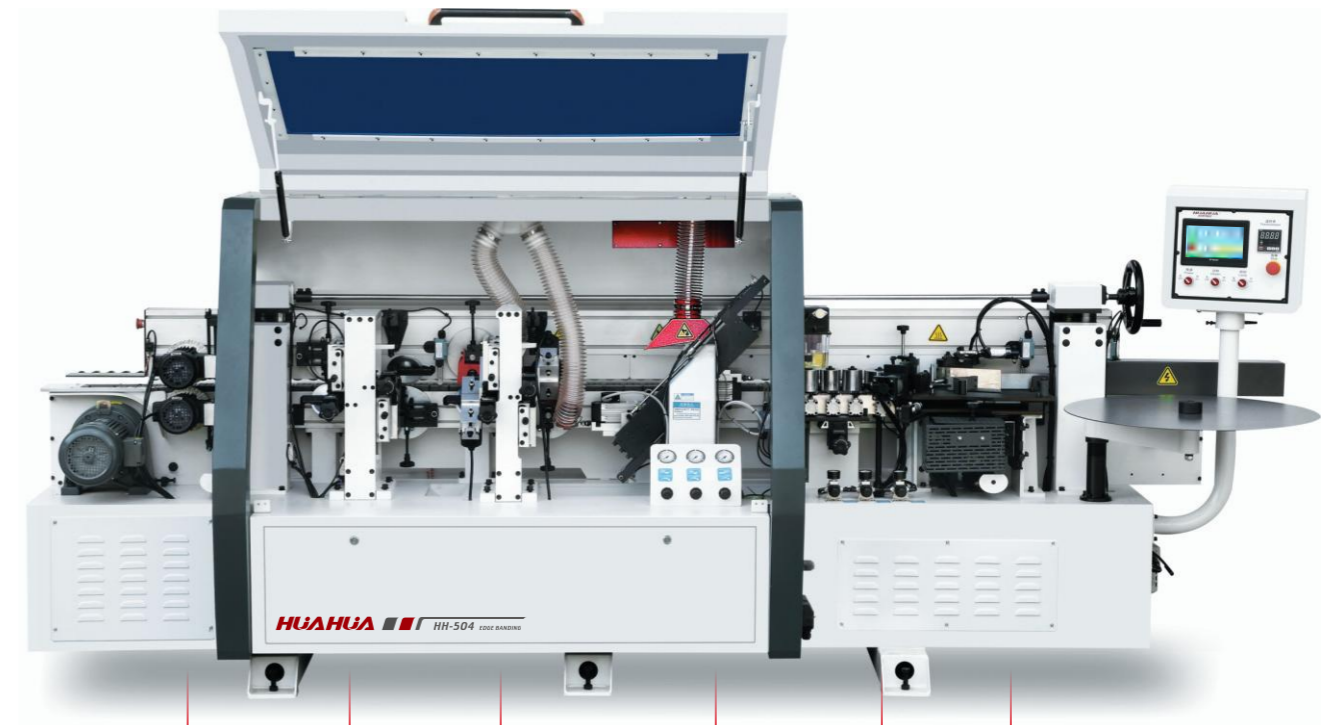
前后齐头
End cutting



贴边
Pressing



涂胶
Glue



抛光
Buffing



刮边
Scraping



精修
Fine trimming



前后齐头
End cutting



贴边
Pressing



涂胶
Glue

6系列配置特点 6 series < 预铣机构装置 Pre-milling > 5系列配置特点 5 series



预铣单元修整开料后板材边部，铣削板材表面波纹、膨胀边沿，使封边条与板材贴合更紧密，整体性和美观度更佳

Pre-milling unit mills the edge of the panel after cutting, mills the ripple and swelling edge of the panel surface, so that the tape and panel stick more firmly, better integrity and aesthetics.

6系列配置特点 6 series < 涂胶贴边装置 Gluing > 5系列配置特点 5 series



压贴单元使板材和封边带贴合，把板材上面粘合好的封边带通过压贴轮进行加压，使板材和封边带贴合更加牢固

Pressing unit make the panel and tape stick together, pressurized by pressing wheels to make panel and tape stick more firmly.

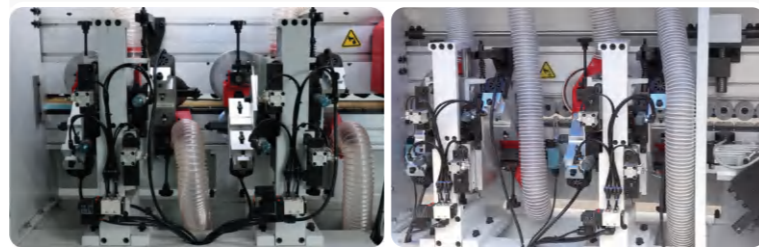
6系列配置特点 6 series < 前后齐头装置 Endcutting > 5系列配置特点 5 series



采用靠模自动跟踪和高频高速电机快速切削结构把板材前端突出的封边带和板材后端突出的封边带进行修整，使之与板材前端和后端齐平

Adopting automatic profiling and high-frequency high-speed motor fast tape cutting structure, Cut the rest tape in front and back of the panel, make the tape and panel flush in the front and back.

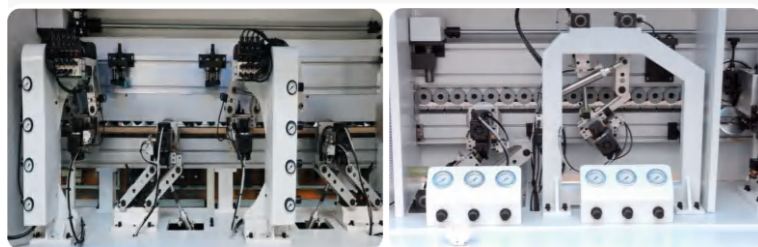
6系列配置特点 6 series < 精修装置 Fine trimming > 5系列配置特点 5 series



采用大小圆盘自动跟踪和高频高速电机结构，修去加工板材封边条上下多余的封边材料，使其铣削成为带R弧形的边

Adopting automatic tracking of the large and small discs, high-frequency and high-speed motor structure, trim the excess tape on the top and bottom of the panel, make it into an edge with an R arc.

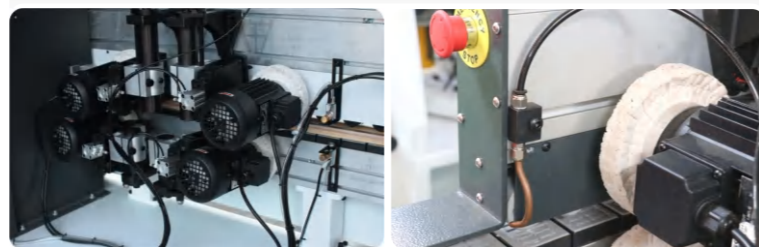
6系列配置特点 6 series < 跟踪修边装置 Corner rounding > 5系列配置特点 5 series



采用仿形轮左右活动靠模修圆角装置把板材粘合的封边带4个边角铣削为R弧形。可实现4种不同仿形效果

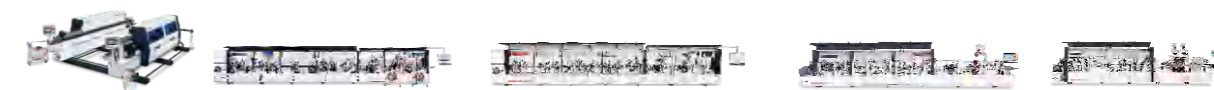
Adopting left and right movable profiling rounding device, trim four corners of the panel with tape into an R arc shape, which can achieve 4 different corner rounding effects.

6系列配置特点 6 series < 抛光装置 Buffing > 5系列配置特点 5 series



通过旋转中的两个布轮，清理加工好的板材，使封边端面更加光滑，美观，并让抛光轮保持磨损均匀

Through two rotating cloth wheels, panels are cleaned, make the edge banding surface smoother and more beautiful, keep buffing wheel uniform wear.



型号参数 Model HH-2505R HH-688RLKHZ HH-608RLKZ/608RLK HH-586RLK(45) HH-556RLK

参数	Model	HH-2505R	HH-688RLKHZ	HH-608RLKZ/608RLK	HH-586RLK(45)	HH-556RLK
工件长度	Panel length	≥300mm	≥150mm	≥120mm	最小端头板: 45*200mm Min narrow short side: 45*200mm	≥120mm
工件宽度	Panel width	≥300mm	≥100mm	≥95mm	最小长窄边: 40*300mm Min narrow long side: 40*300mm	≥95mm
工件厚度	Panel thickness	10-60mm	10-50mm	10-60mm	10-60mm	10-60mm
封边带宽度	Tape width	13-63mm	13-53mm	13-63mm	13-63mm	13-63mm
封边带厚度	Tape thickness	0.4-3.0mm	0.4-3.0mm	0.4-3.0mm	0.4-3.0mm	0.4-3.0mm
进给速度	Feeding speed	15-18-20m/min	20-24-28m/min	20-23-26m/min	18-20-23m/min	15-18-20m/min
整机功率	Total power	25.4kw	36.97kw	31.8kw	27.5kw	24kw
工作气压	Working pressure	0.65mpa	0.65mpa	0.65mpa	0.65mpa	0.65mpa
外形尺寸	Overall size	6320*4810*1700mm	11700*1100*1850mm	11700*1100*1800mm 11170*1100*1800mm	9763*900*1900mm	7575*900*1900mm
重量	Weight	4500kg	6500kg	4000kg	3100kg	2600kg



HH-509R HH-506RL HH-506R HH-506 HH-505RLF HH-505R HH-505 HH-504

≥160mm	≥120mm	≥120mm	≥100mm	≥120mm	≥120mm	≥100mm	≥100mm
≥160mm	≥95mm	≥95mm	≥80mm	≥95mm	≥95mm	≥80mm	≥80mm
15-25mm	10-60mm	10-60mm	10-60mm	10-60mm	10-60mm	10-60mm	10-60mm
10-60mm	13-63mm	13-63mm	13-63mm	13-63mm	13-63mm	13-63mm	13-63mm
0.4-3.0mm	0.4-3.0mm	0.4-3.0mm	0.4-3.0mm	0.4-3.0mm	0.4-3.0mm	0.4-3.0mm	0.4-3.0mm
15-18-20m/min	15-18-20m/min	15-18-20m/min	15-18-20m/min	15-18-20m/min	15-18-20m/min	15-18-20m/min	15-18-20m/min
31.3kw	21kw	17.2kw	16.4kw	17.1kw	13.2kw	10.7kw	8.8kw
0.65mpa	0.65mpa	0.65mpa	0.65mpa	0.65mpa	0.65mpa	0.65mpa	0.65mpa
9300*900*1600mm	8050*1000*1700mm	6660*1000*1700mm	5500*1000*1700mm	7140*1000*1700mm	5810*1000*1700mm	4500*1000*1700mm	4000*1000*1700mm
3000kg	2700kg	2500kg	2200kg	2200kg	1900kg	1700kg	1400kg

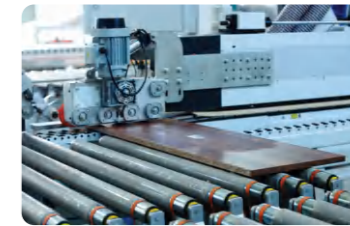
HH-506R EDGE

封边机左右连线

Edge banding machine line (left and right)

左右封边连线封完两边才落地
减少落地次数 封边效率更高

Left and right edge banding, only need transfer one time, more efficient



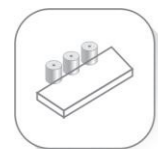
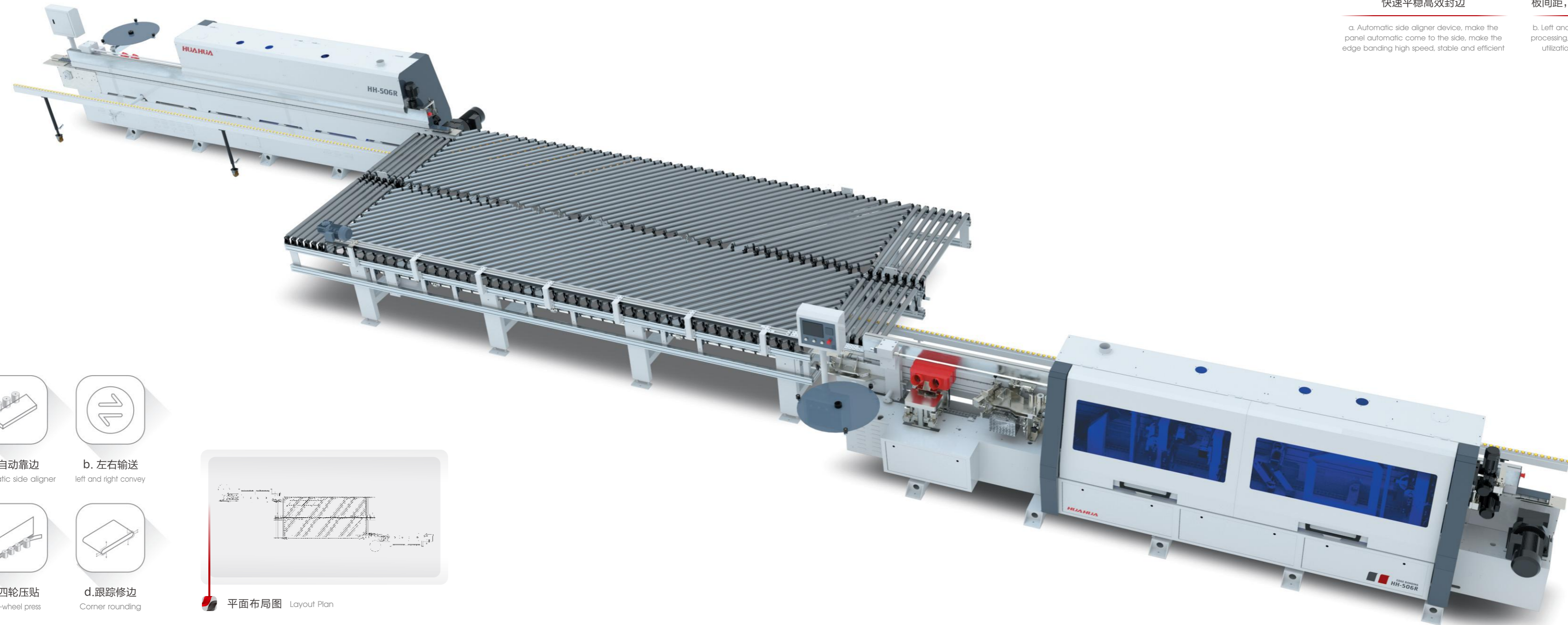
a.自动靠边装置，使板材自动靠边
快速平稳高效封边

a. Automatic side aligner device, make the panel automatic come to the side, make the edge banding high speed, stable and efficient



b.左右输送装置，通过式加工，缩短板间距，让每台封边机利用率最大化

b. Left and right conveying device,through-type processing, shorten panel distance, maximize the utilization of each edge banding machine



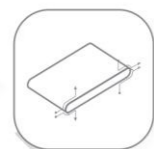
a.自动靠边
Automatic side aligner



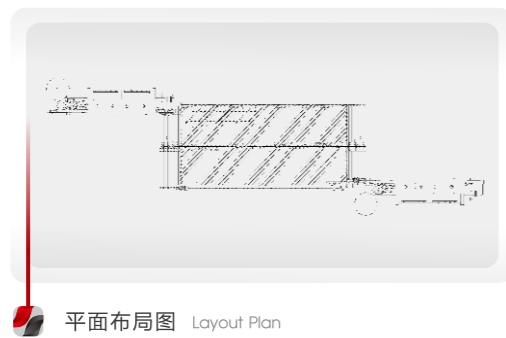
b.左右输送
left and right convey



c.四轮压贴
Four-wheel press



d.跟踪修边
Corner rounding



平面布局图 Layout Plan



工艺流程解析
Process analysis

SKH

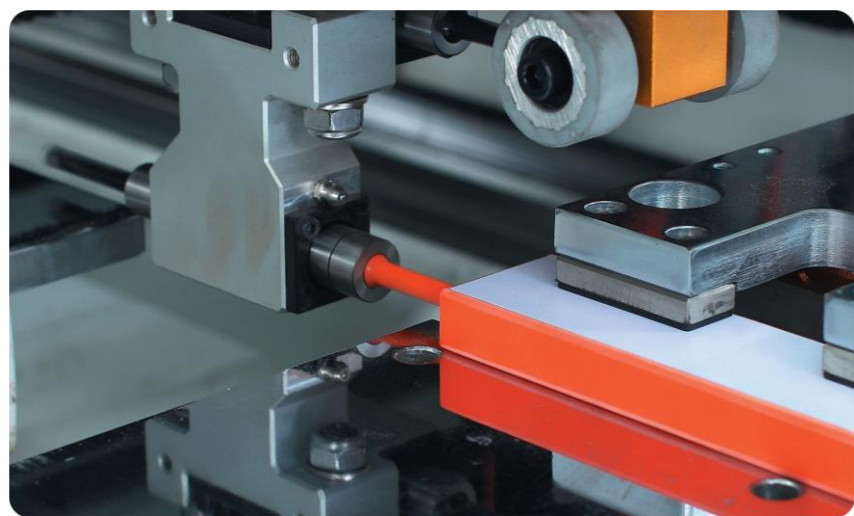


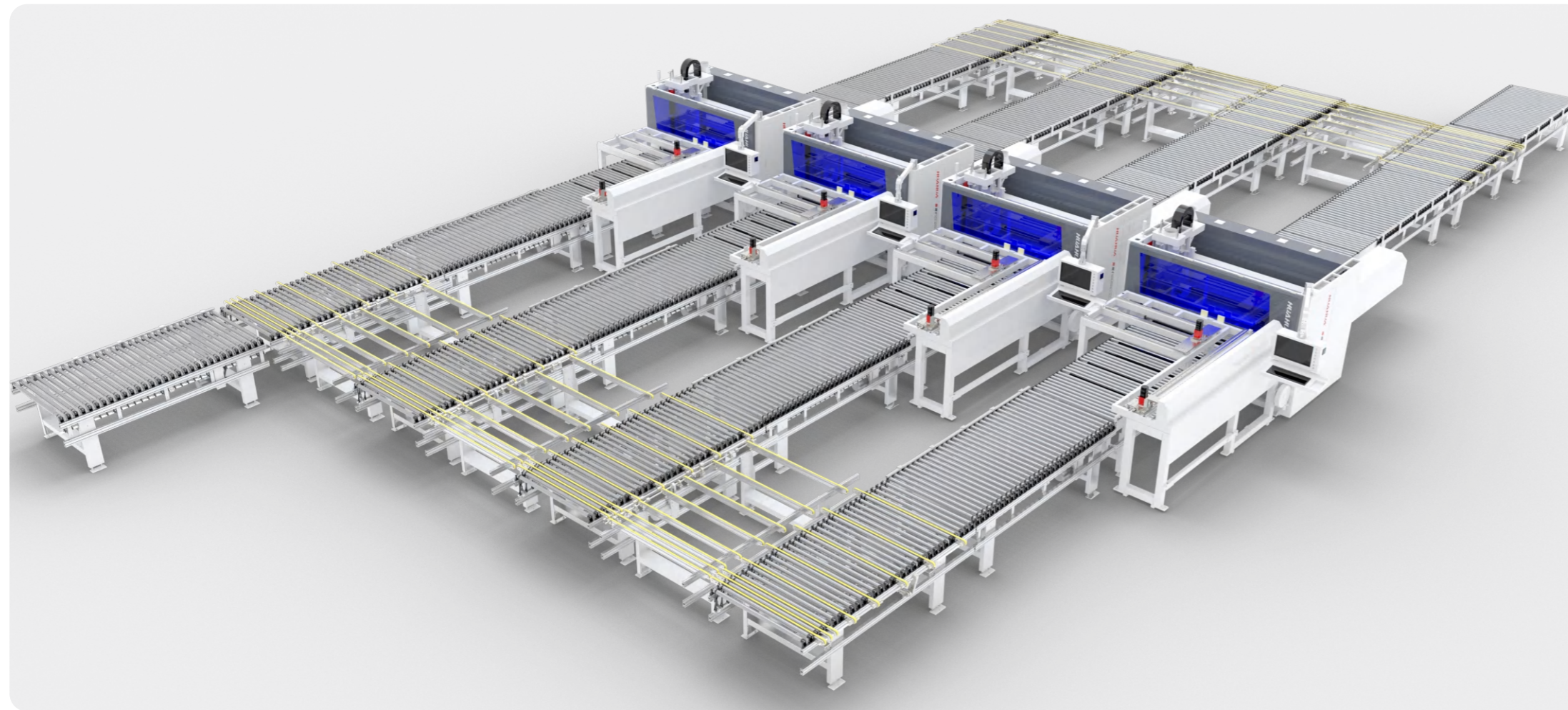
数控钻铣 无懈可击

智能拆单，通过式排线，运行无懈可击

CNC drilling & milling

Intelligent nesting, Pass-through cable layout, running impeccable





工艺流程解析
Process analysis

多种钻铣连线方案 满足不同应用需求

根据场地、产能、工艺和工序来选择不同的方案
加工模块化工作站，柔性支持多种组合，因地制宜让生产效率最大化



A variety of drilling & milling connection solutions
Meet the needs of different applications

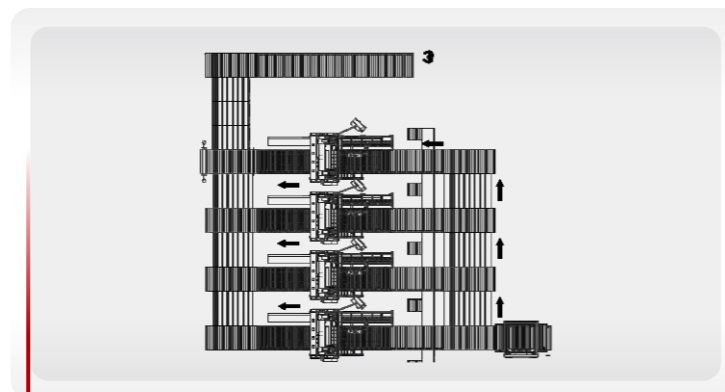
Choose different solutions according to site, capacity, process and working procedure
Processing modular workstations, flexible support for multiple combinations, adapt to local conditions to maximize production efficiency

钻
铣

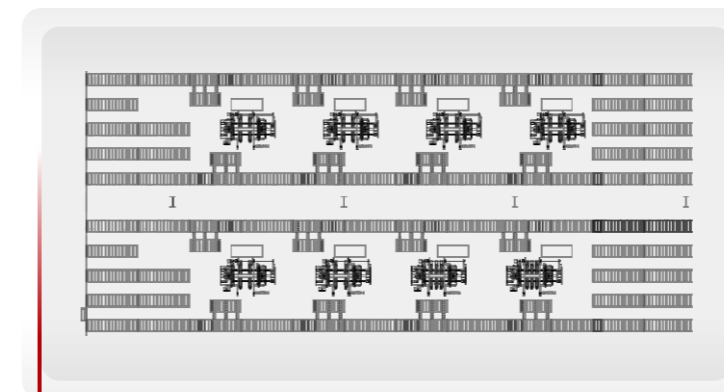
工作站
连线



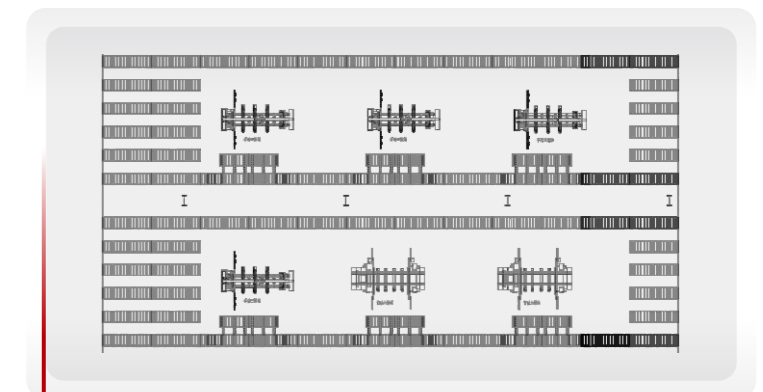
CNC drilling & milling
Workstation Connection



六面钻一拖四连线 Four sets of CNC drilling machines line



自动四排钻连线 Automatic four-rows drilling machine line



自动六排钻连线 Automatic Six rows drilling machine line

MTK-2440 CNC

通过式数控锯切钻

CNC sawing and drilling machine



a. 收集尾料
Collect waste



b. 锯切钻一体
sawing and drilling
working at same time



c. 双面开槽
Double sides
grooving



d. 自动上下料
Automatic loading
and unloading

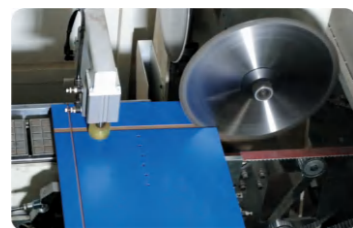
锯、切、钻一次成型 让橱柜侧板加工更标准化

Sawing and drilling forming in one time
Make cabinet side panel processing more standardized



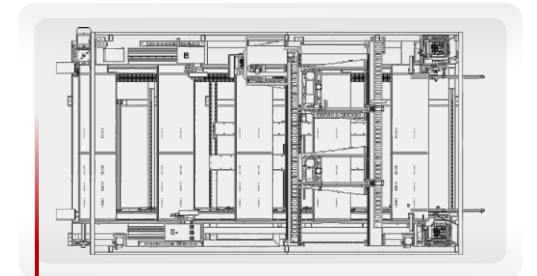
a. 废料回收通道，输送锯切产生的废料，防止废料堆积影响机器正常运作

a. Waste material recycling channel, conveying the waste material generated by sawing, to prevent the accumulation of waste material from affecting the normal operation of the machine



b. 先两端纵向拉槽，再横向拉槽自动打孔、锯切直角

b. First, two ending vertical grooving, then horizontal grooving and automatic drilling, cutting 90° angle



平面布局图 Layout Plan



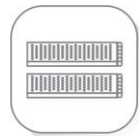
工艺流程解析
Process analysis

型号参数	Model	MTK-2440
外形尺寸	Overall size	6100x2500x1700mm
总功率	Total power	36.5kw
边槽电机	Side groove motor	2x0.75kw 伺服 2x4kw开槽 2x0.75kw servo motor 2x4kw grooving
横槽电机	Horizontal groove motor	3x0.75kw伺服 3kw开槽 3x0.75kw servo motor 3kw grooving
钻排孔及中间槽电机	Drilling motor and middle groove motor	6x0.75kw伺服 3.5kw主轴开槽 2.2kw 3x7钻包打孔 6x0.75kw servo motor 3.5kw main axis grooving 2.2kw 3x7 drill box motor
切角电机	Corner cutting motor	4x3kw 切双角d 2x0.75kw伺服 4x3kw double cutting angle 2x0.75kw servo motor

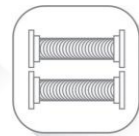
SKH-612HSA ^{CNC}

双工位六面钻铣加工中心

Double worktable automatic six sides CNC drilling machine



a. 双工位
Double worktable



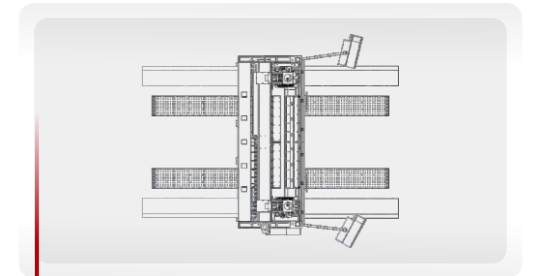
b. 丝杆传动
Ball screw drive



c. 干预报警
Intervention alarm



d. 大小板同时加工
Large and small panel processing at the same time



平面布局图 Layout Plan

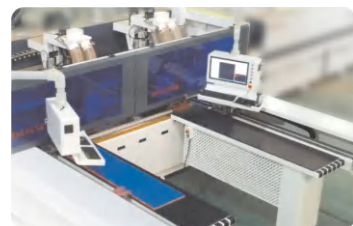


工艺流程解析
Process analysis

六面钻孔铣型 双工位同步高效加工

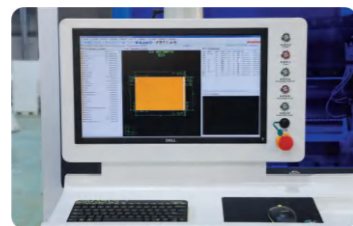


Six sides drilling and milling
Double worktable synchronous and efficient processing



a. 双工位上下4个钻包
可同时加工不同尺寸板件

a. Double worktable up and down 4 sets of drilling box, can process different size panels at the same time



b. 系统自动预判左右工位板件尺寸
如有干涉自动报警，保证稳定加工

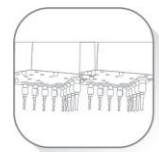
b. The system automatically predicts the size of the left and right worktable panels, and automatically alarms if there is interference to ensure stable processing

型号参数	Model	SKH-612HSA
加工工件长度	Panel length	250-5000mm
双工位加工工件宽度	Panel width of double worktable	50-800mm
单工位加工工件宽度	Panel width of single worktable	50-1200mm
工件厚度	Panel thickness	10-50mm
A/A2轴速度	A/A2 axis speed	30m/min
X/X2: U/U2 轴速度	X/X2: U/U2 axis speed	130m/min
Y/Y2: V/V2 轴速度	Y/Y2: V/V2 axis speed	80m/min
Z/Z2: W/W2 轴速度	Z/Z2: W/W2 axis speed	30m/min
上钻刀具数	Top drilling box drill bits	(垂直16+水平8)*2组 (vertical 16+horizontal 8)*2 sets
下钻刀具数	Bottom drilling box drill bits	垂直9*2组 vertical 9*2 sets
高速主轴电机功率	High speed spindle power	3.5kw
工作台高度	Height of worktable	960mm
总功率	Total power	38.55kw
总重量	Total weight	6400kg
外形尺寸	Overall size	6480x4440x2200mm

SKH-612HS ^{CNC}

双钻包六面钻铣加工中心

Double drilling box automatic six sides CNC drilling machine



a. 双钻包组
Double drilling box



b. 双夹手
Double gripper



c. 六面钻孔
Six sides drilling



d. 双面开槽
Double sides grooving

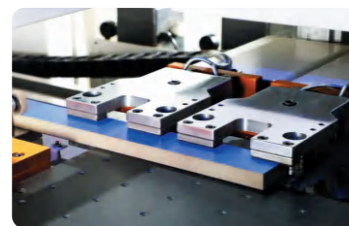
六面钻孔铣型 连续通过式高效加工

Six sides drilling and milling
Continuous through type high- efficiency processing



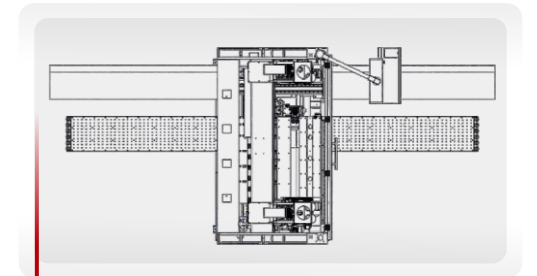
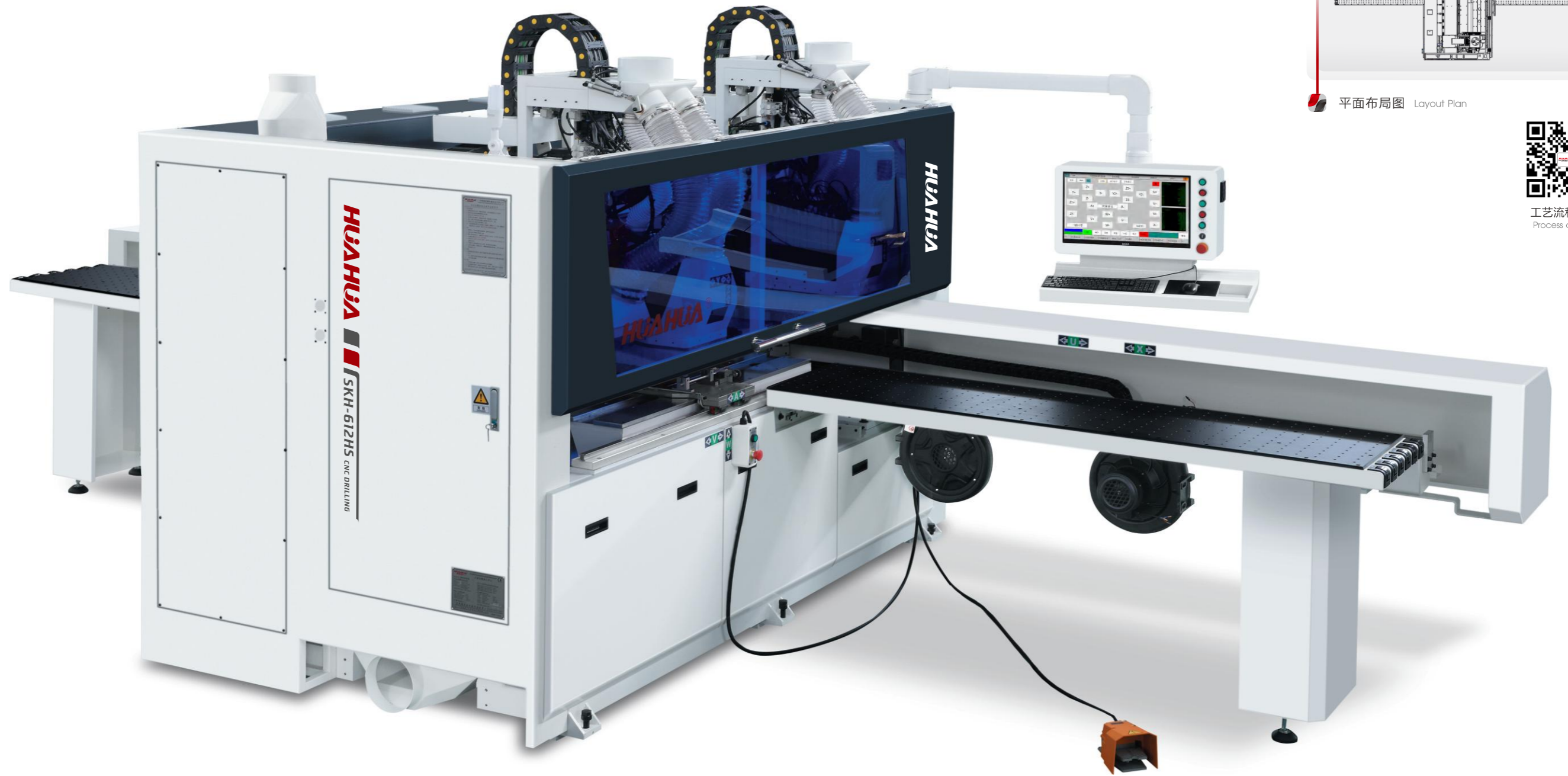
a. 一次加工可完成六面所有孔位及
双面槽位实现快速高效钻铣工作

a. One time processing can complete all holes on six sides and double sides grooving for fast and efficient drilling and milling work



b. 采用双夹手机构，根据电脑钻孔
程序，自动控制送板及定位

b. Double gripper mechanism is adopted to automatically control the panel feeding and positioning according to the computer drilling program



平面布局图 Layout Plan



工艺流程解析
Process analysis

SKH-612H ^{CNC}

六面钻铣加工中心

Automatic six sides CNC drilling machine



a. 六面钻孔
Six sides drilling



b. 下置吸尘装置
bottom dust
collection device



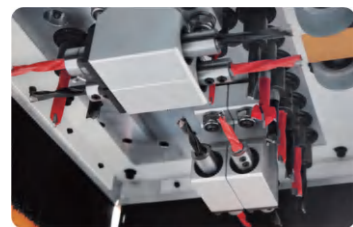
c. 扫码加工
Scan barcode processing



d. 多轴联动
Multi-axis running

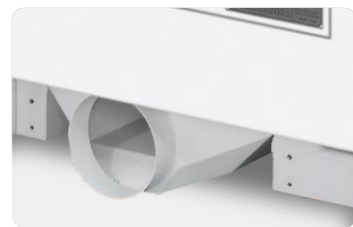
六面钻孔铣型 连续通过式高效加工

Six sides drilling and milling
Continuous through type high- efficiency processing



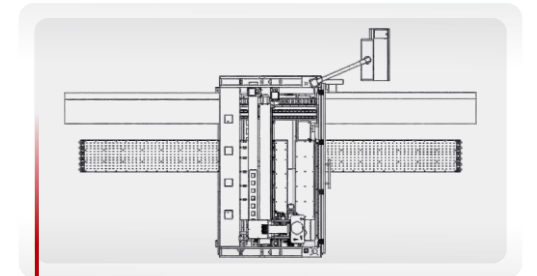
a. 一次加工可完成六面所有孔位及
双面槽位实现快速高效钻铣工作

a. One time processing can complete all holes on
six sides and double sides grooving for fast and
efficient drilling and milling work



b. 下置吸尘装置，收集板材废屑
保障加工顺畅

b. bottom dust collection device collect the
scraps of the panel to ensure smooth processing



平面布局图 Layout Plan

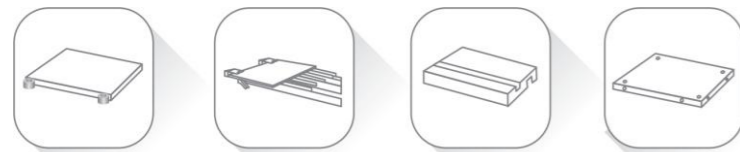


工艺流程解析
Process analysis

SKH-612HZ ^{CNC}

六面钻铣加工中心

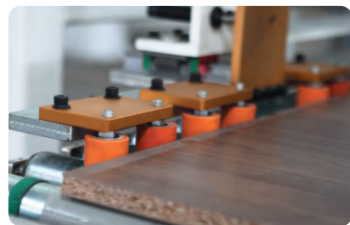
Automatic six sides CNC drilling machine



a. 自动侧靠 Auto side aligning
b. 通过式送料 Through type feeding
c. 双面开槽 Double sides grooving
d. 六面钻孔 Six-sides drilling

六面钻孔铣型 双夹手连续通过式高效加工

Six sides drilling and milling
Double gripper continuous through type high -efficiency processing



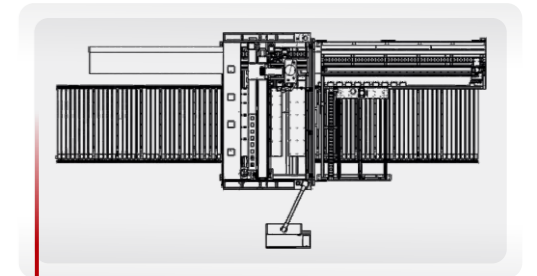
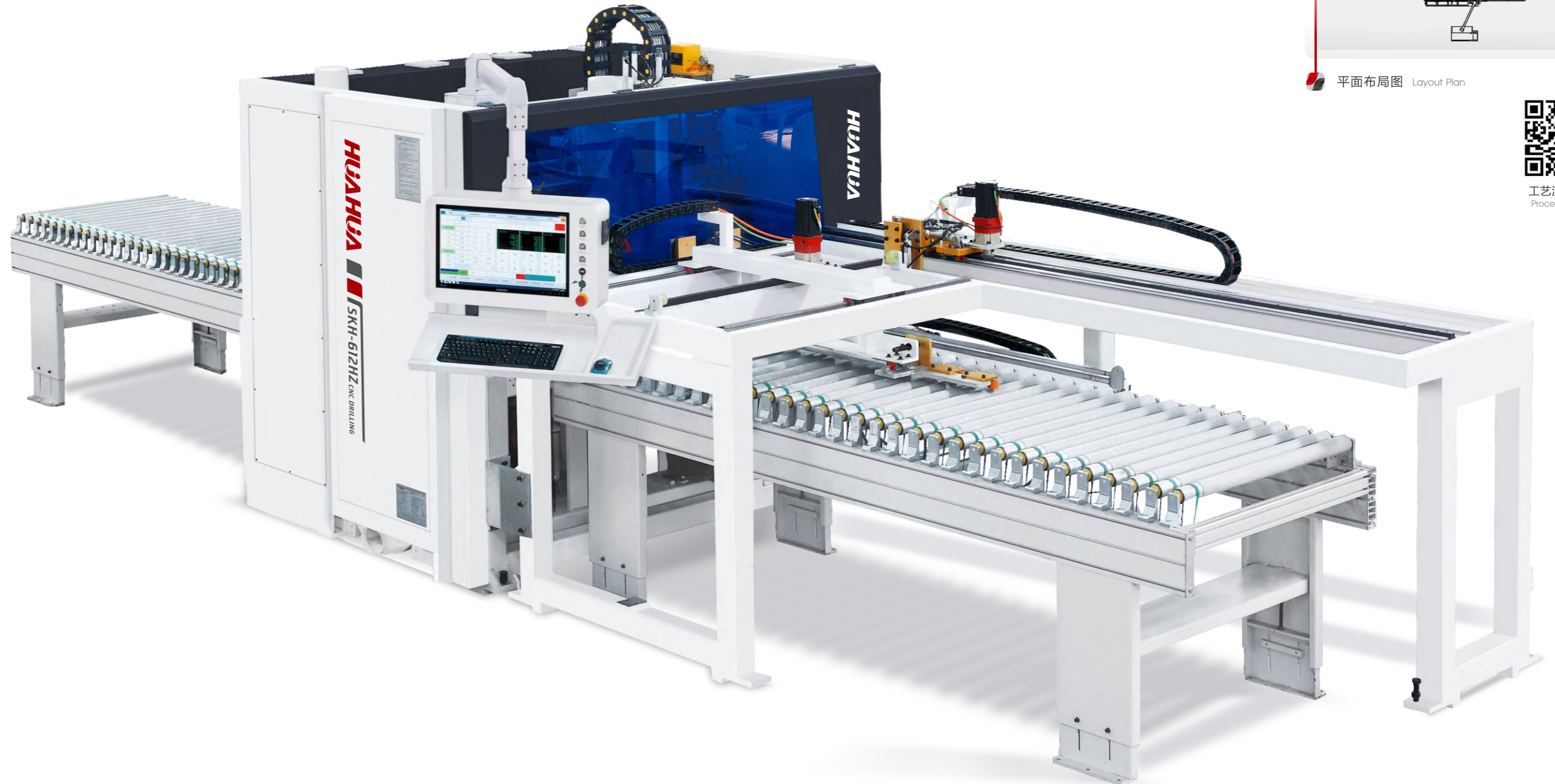
a. 自动控制侧靠档行程，
适应不同工件宽度的定位需要

a. Automatically control the side aligning stroke to adapt to the positioning needs of different panel widths



b. 独立控制从上板-原点定位-靠边定位完成加工

b. Independent control from the loading panel-positioning-side origin positioning to complete processing



平面布局图 Layout Plan

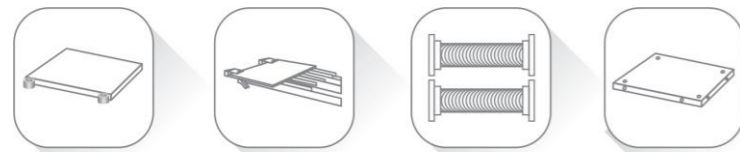


工艺流程解析
Process analysis

SKH-612HT ^{CNC}

六面钻铣加工中心(带刀库)

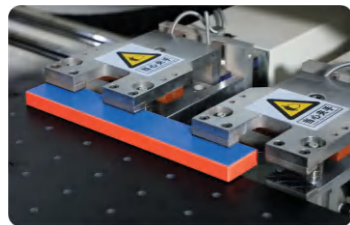
Automatic six sides CNC drilling machine (With ATC tool magazine)



a. 自动侧靠 Auto side aligning
b. 通过式送料 Through type feeding
c. 丝杆传动 Ball screw drive
d. 六面钻孔 Six-sides drilling

六面钻孔铣型 双夹手连续通过式高效加工

Six sides drilling and milling
Double gripper continuous through type high -efficiency processing



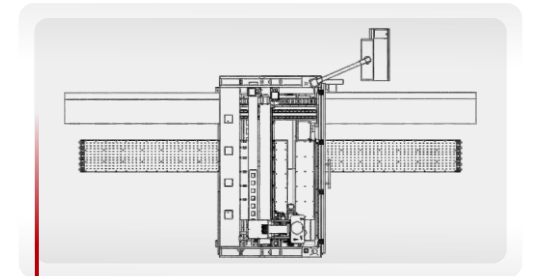
a. 采用双夹手机构,根据电脑钻孔程序,自动控制送板及定位

a. The double gripper mechanism is adopted to automatically control the feeding and positioning of the panel according to the computer drilling program



b. 采用4位直线刀库,根据不同工艺需求自动更换相应刀具

b. Using 4pcs linear ATC tool magazine, the corresponding tools can be automatically replaced according to different process requirements



平面布局图 Layout Plan



工艺流程解析 Process analysis

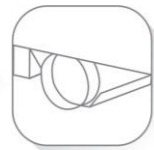
SKH-612M ^{CNC}

六面钻铣加工中心(齿条机)

Automatic six sides CNC drilling machine (Rack and pinion drive machine)



a. 六面钻孔
Six sides drilling



b. 下置吸尘装置
bottom dust
collection device



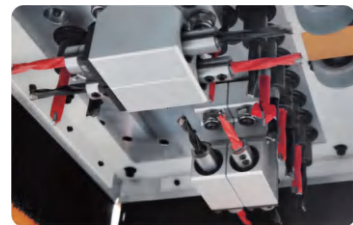
c. 扫码加工
Scan barcode processing



d. 多轴联动
Multi-axis running

六面钻孔铣型 连续通过式高效加工

Six sides drilling and milling
Continuous through type high- efficiency processing



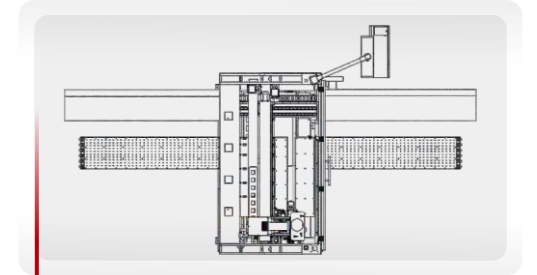
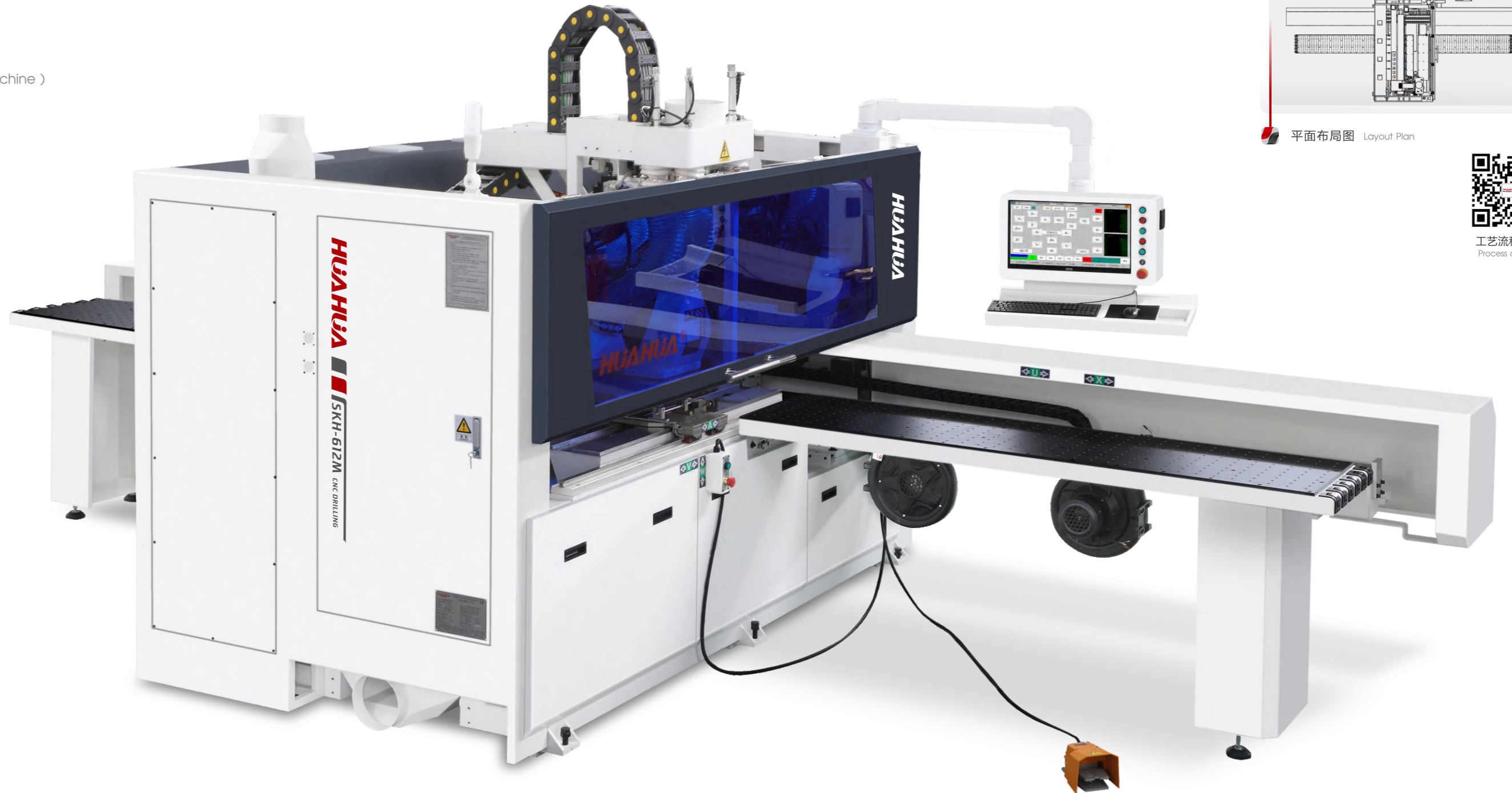
a. 一次加工可完成六面所有孔位及
双面槽位实现快速高效钻铣工作

a. One time processing can complete all holes on
six sides and double sides grooving for fast and
efficient drilling and milling work



b. 下置吸尘装置, 收集板材废屑
保障加工顺畅

b. bottom dust collection device collect the
scraps of the panel to ensure smooth processing



平面布局图 Layout Plan



工艺流程解析
Process analysis

SKH-612MS CNC

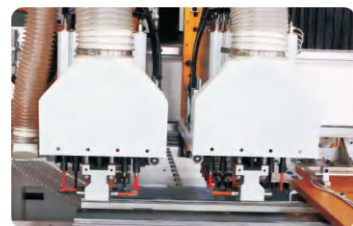
双钻包六面钻铣加工中心(齿条机)

Double drilling box automatic six sides CNC drilling machine (Rack and pinion drive machine)

-  a. 双钻包组
Double drilling box
-  b. 双夹手
Double gripper
-  c. 六面钻孔
Six sides drilling
-  d. 双面开槽
Double sides grooving

六面钻孔铣型 连续通过式高效加工

Six sides drilling and milling
Continuous through type high- efficiency processing



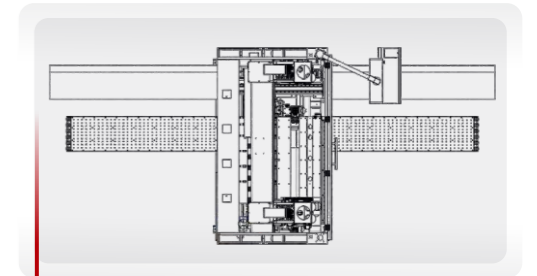
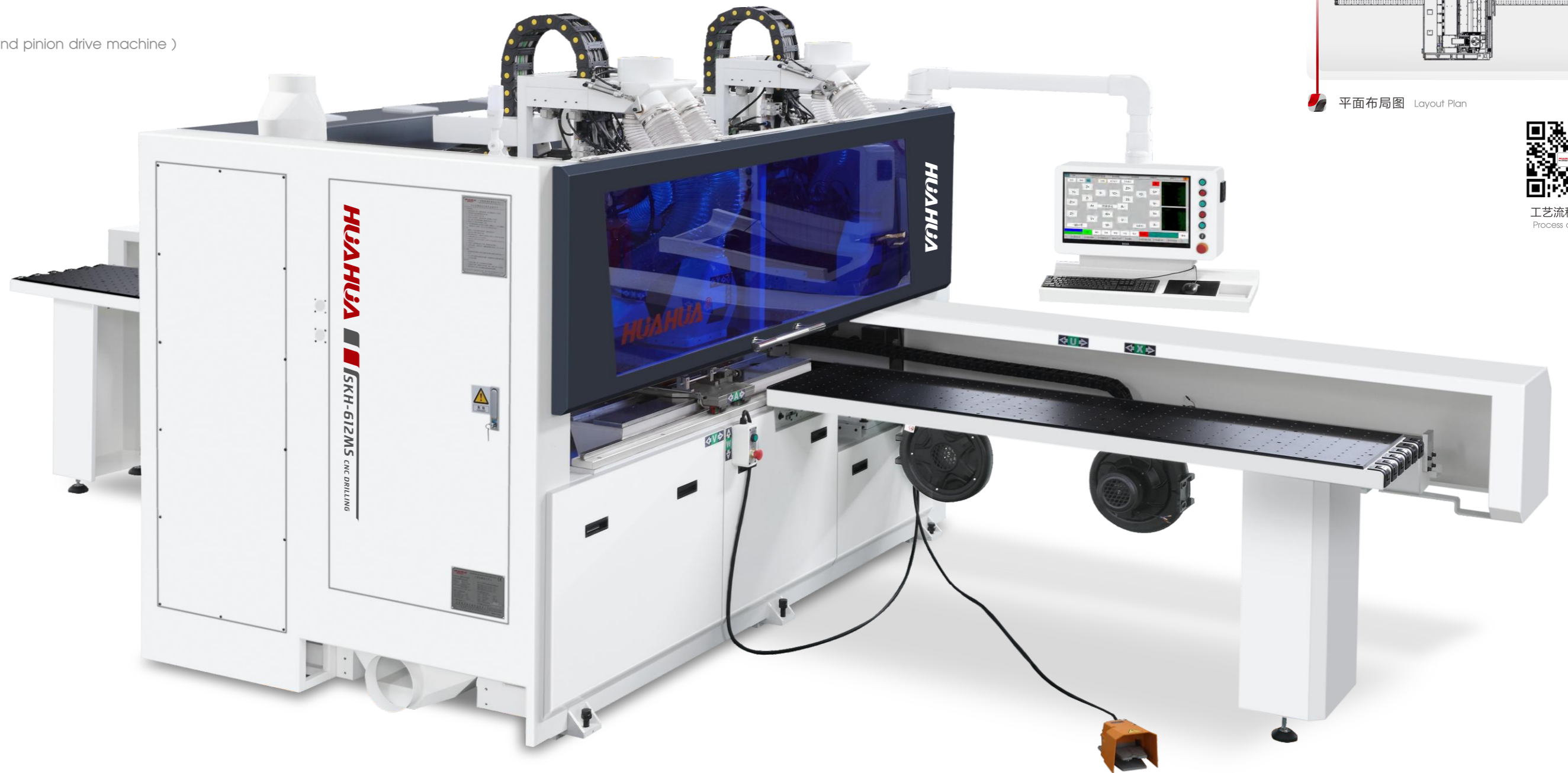
a. 一次加工可完成六面所有孔位及
双面槽位实现快速高效钻铣工作

a. One time processing can complete all holes on
six sides and double sides grooving for fast and
efficient drilling and milling work



b. 采用双夹手机构，根据电脑钻孔
程序，自动控制送板及定位

b. Double gripper mechanism is adopted to
automatically control the panel feeding and positioning
according to the computer drilling program



平面布局图 Layout Plan

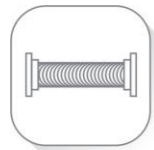


工艺流程解析
Process analysis

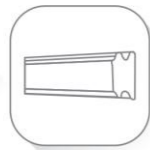
SKH-690 ^{CNC}

六面钻铣加工中心

Automatic six sides CNC drilling machine



a. 丝杆传动
Ball screw drive



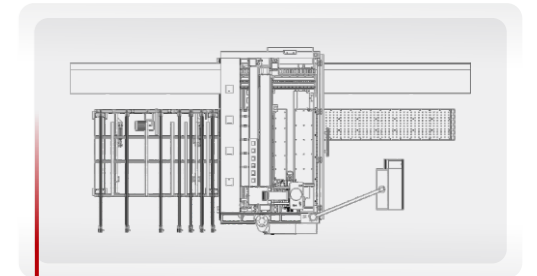
b. 精密导轨
Precision guide rail



c. 扫码加工
Scan barcode processing



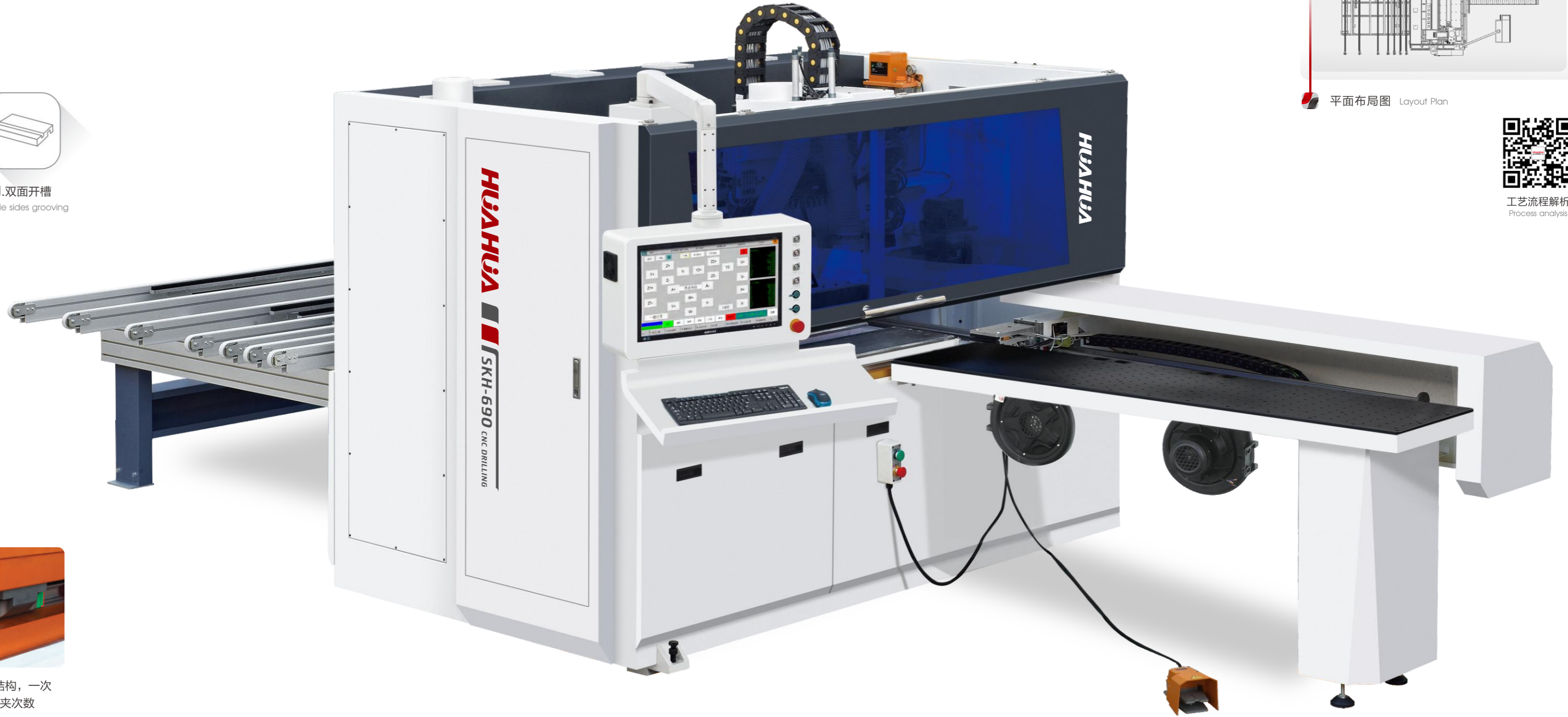
d. 双面开槽
Double sides grooving



平面布局图 Layout Plan



工艺流程解析
Process analysis



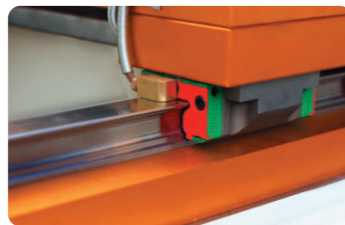
六面钻孔铣型 连续通过式高效加工

Six sides drilling and milling
Continuous through type high- efficiency processing



a. 采用滚珠丝杆传动，板件完成孔、槽等工艺后，板件精度误差为±0.02mm

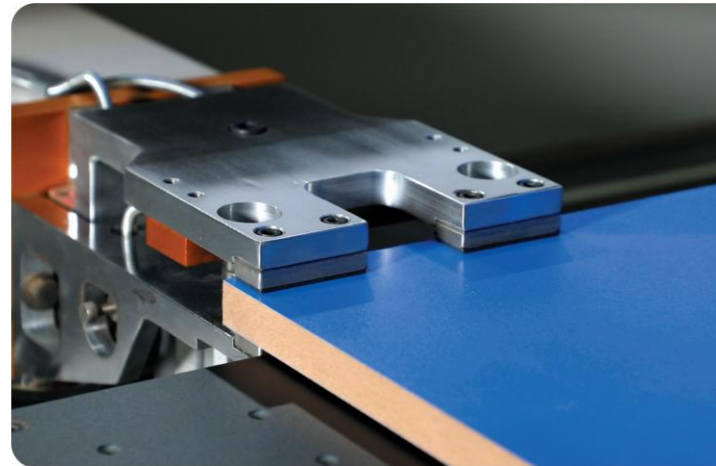
a. Using ball screw drive, after the panel is completed with holes, grooves and other processes, the accuracy of the panel is ±0.02mm



b. 导轨采用防尘设计结构，一次定位减少夹手的换夹次数

b. The guide rail adopts a dust proof design structure, one time positioning reduces the number of gripper changes

工艺流程解析 Process analysis

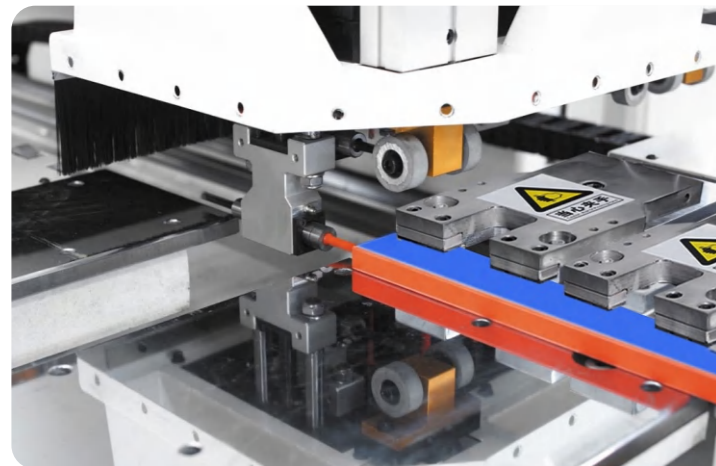


自动送料

双机械手自动夹紧板材送进机器内加工

Automatic feeding

Double gripper automatic clamping panel and feeding to machine for processing



侧面钻孔

钻包水平钻自动加工四面侧孔

Drilling horizontal holes

Drilling box horizontal drilling bits automatic processing four sides holes



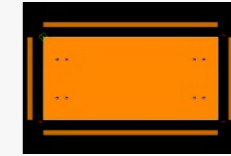
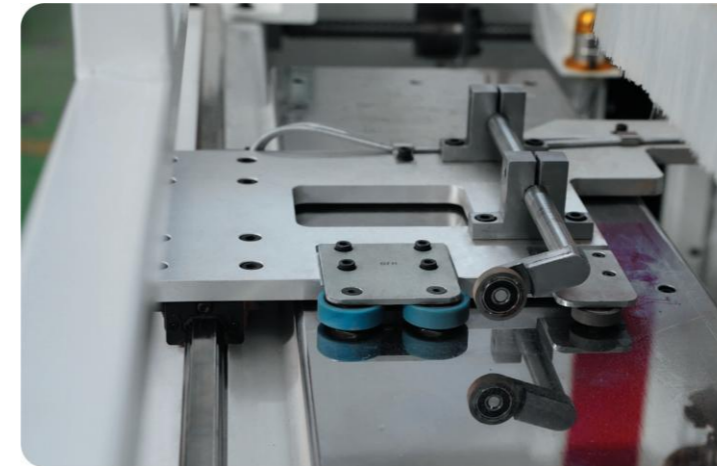
平面钻孔

上钻包下钻包的垂直钻分别自动加工顶面和底面的垂直孔

Drilling vertical holes

Upper and bottom drilling boxes vertical drilling bits automatically processing panel upper side and bottom side vertical holes respectively

工艺流程解析 Process analysis

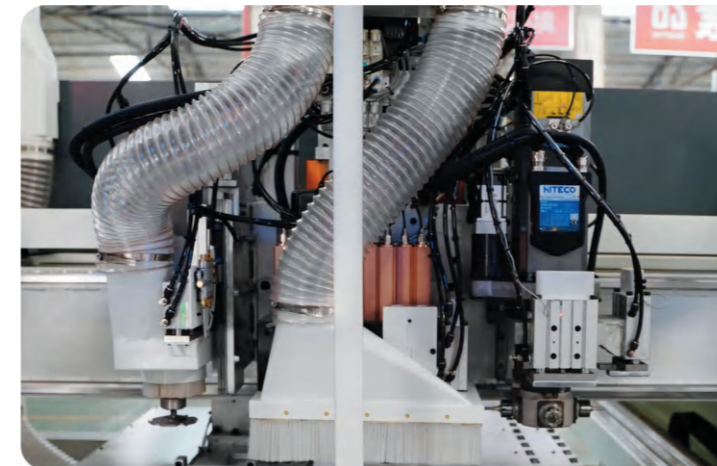


自动侧靠

根据板件的尺寸自动靠紧板件侧面，可检测板件宽度，防止放错板

Auto side aligning device

According to panel size automatically aligning panel side tighten, can detection panel width, avoid misplaced panel.

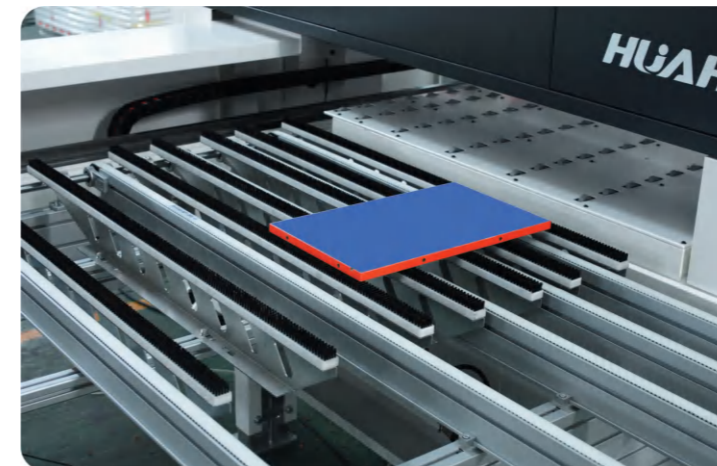


异形加工

根据槽位信息自动开槽、切割、造型功能

Irregular shape processing

According to the groove information automatic make groove, cutting and modelling function.

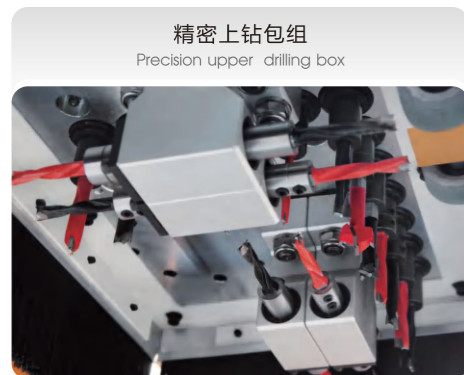


自动下料

板件后出料自动将板件送到后面下料装置上

Automatic unloading

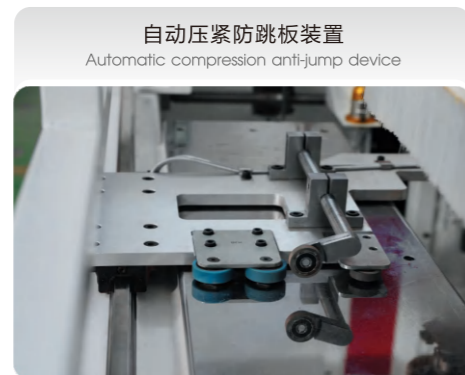
Can choose panel back side unloading, automatically deliver panel to unloading device



精密上钻包组
Precision upper drilling box

采用HH自主研发的CNC钻包，经过三坐标检测，保证精准度

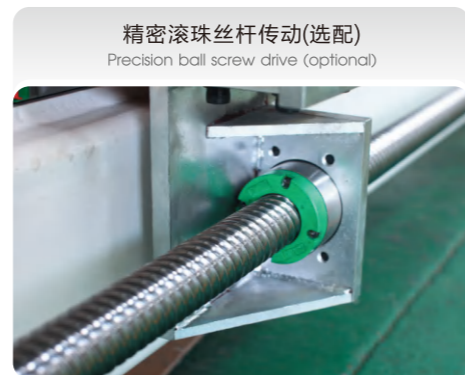
Using CNC drilling box independently developed by HH. After three-coordinate detection, the accuracy is guaranteed



自动压紧防跳板装置
Automatic compression anti-jump device

根据电脑控制程序对工件进行自动压紧，满足工件钻孔时需要

Automatically compress the panel according to the computer control program to meet the needs of panel drilling



精密滚珠丝杆传动(选配)
Precision ball screw drive (optional)

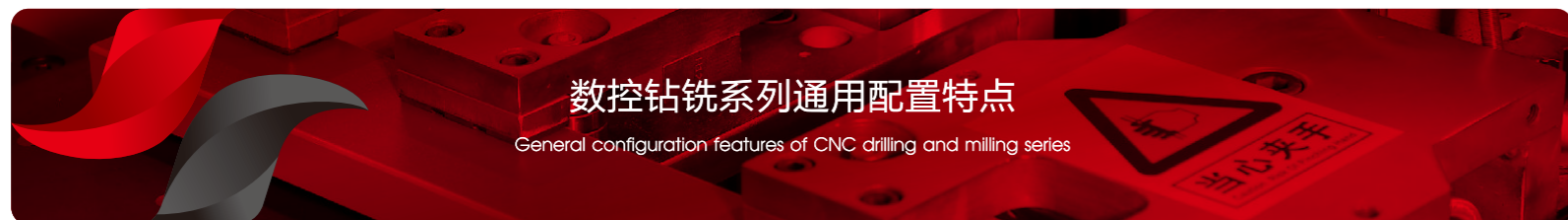
采用滚珠丝杆传动，丝杆传动误差在0.05-0.1MM以内，累计误差在±0.2MM以内

Adopt ball screw drive, the screw drive error is within 0.05-0.1MM, and the cumulative error is within ±0.2MM

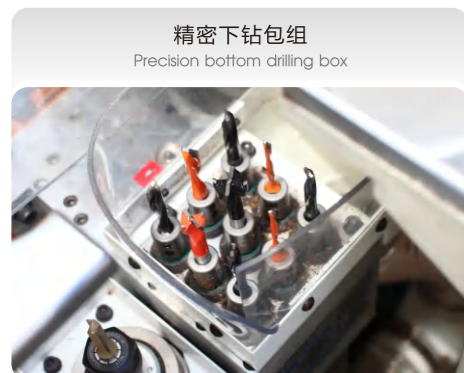


型号参数 Model **SKH-612HS/SKH-612MS** **SKH-612H/SKH-612M** **SKH-612HZ** **SKH-612HT** **SKH-690**

各轴行程 & 最高定位速度 Axis travel & maximum positioning speed	X轴 X axis	5410mm&130m/min	5410mm&130m/min	5410mm&130m/min	5410mm&130m/min	5410mm&130m/min
	Y轴 Y axis	1630mm&85m/min	1680mm&85m/min	1680mm&85m/min	1705mm&85m/min	1390mm&85m/min
	Z轴 Z axis	140mm&30m/min	140mm&30m/min	140mm&30m/min	130mm&30m/min	140mm&30m/min
	U轴 U axis	5410mm&130m/min	5410mm&130m/min	5410mm&130m/min	5410mm&130m/min	5410mm&130m/min
	V轴 V axis	1340mm&80m/min	1340mm&80m/min	1340mm&80m/min	1340mm&80m/min	1075mm&80m/min
	W轴 W axis	110mm&30m/min	110mm&30m/min	110mm&30m/min	110mm&30m/min	110mm&30m/min
	A轴 A axis	1190mm&30m/min	1215mm&30m/min	1215mm&30m/min	1195mm&30m/min	950mm&30m/min
	Y2轴 Y2 axis	1630mm&85m/min	-	-	-	-
	Z2轴 Z2 axis	90mm&30m/min	-	-	-	-
	钻孔组合装置 Drilling box configuration	垂直钻 Vertical drill bits	上钻: 12*2个 下钻: 9个 Top: 12*2pcs, Bottom: 9pcs	上钻: 12个/9个(选配12个) 下钻: 9个 Top: 12pcs/9pcs(12pcs optional), Bottom: 9pcs	上钻: 12个 下钻: 9个 Top: 12pcs, Bottom: 9pcs	上钻: 12个 下钻: 9个 Top: 12pcs, Bottom: 9pcs
水平钻 Horizontal drill bits		16个	8个	8个	8个	8个
钻组电机转速 Drilling box motor speed		2800r/min	2800r/min	2800r/min	2800r/min	2800r/min
铣削加工 主轴*2 Milling spindle*2	主轴功率 Spindle power	3.5kw*2	3.5kw*2	3.5kw*2	3.5kw	3.5kw*2
	刀柄直径 Tool holder diameter	1/2"	1/2"	1/2"	1/2"	1/2"
	主轴速度 Spindle speed	18000rpm	18000rpm	18000rpm	18000rpm	18000rpm
加工尺寸范围 Processing size range	板材最大宽度 Max. Width of panel	1200mm	1200mm	1200mm	1200mm	900mm
	板材最小宽度 Min. Width of panel	50mm	50mm	120mm	50mm	50mm
	板材最大长度 Max. Length of panel	5000mm	5000mm	2800mm	5000mm	5000mm
	板材最小长度 Min. Length of panel	250mm	250mm	300mm	250mm	250mm
	板材最大厚度 Max. Thickness of panel	48mm	48mm	48mm	48mm	48mm
	板材最小厚度 Min. Thickness of panel	10mm	10mm	10mm	10mm	10mm
其他参数 Other parameters	工作台高度 Height of working table	960mm	960mm	960mm	960mm	960mm
	总功率 Total power	24.1kw/23.1kw	18.9kw	20.65kw	21.9kw	18.9kw
	工作电压 Working voltage	380V/50Hz	380V/50Hz	380V/50Hz	380V/50Hz	380V/50Hz
	工作气压 working pressure	0.7-0.8Mpa	0.7-0.8Mpa	0.7-0.8Mpa	0.7-0.8Mpa	0.7-0.8Mpa
	吸尘流量 Vacuum flow	9400m³/h	7200m³/h	7200m³/h	7200m³/h	7200m³/h
	机器净重 Weight	3850kg	3500kg/3450kg	3450kg	3700kg	3200kg
	机器外形尺寸 Overall size	6480*2840*2200mm	6480*2840*2200mm	7800*2840*2200mm	6480*2840*2200mm	6480*2540*2200mm



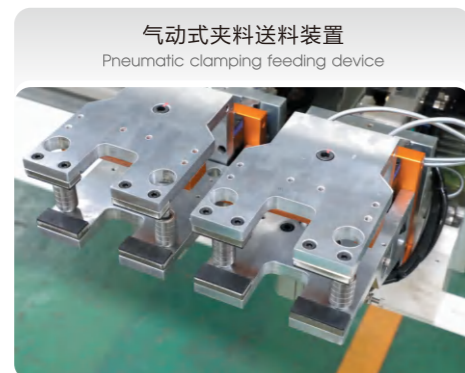
数控钻铣系列通用配置特点
General configuration features of CNC drilling and milling series



精密下钻包组
Precision bottom drilling box

精密下钻包组按照国际标准水平生产制造，经过三坐标检测，保证精准度

The precision bottom drilling box set is manufactured in accordance with international standards, and has been tested by three-coordinates to ensure accuracy



气动式夹料送料装置
Pneumatic clamping feeding device

采用双夹手机构，根据电脑钻孔程序，自动控制送板及定位，提高打孔精度

The double gripper mechanism is adopted to automatically control the feeding and positioning of the panel according to the computer drilling program to improve the drilling accuracy



可定制反向机型
Customizable reverse models

所有机型都可定制反向机型，适合不同的空间场地及连线配套方案

All models can be customized reverse models, suitable for different spaces and venues and connection matching solutions

SKC-255 CNC

数控侧孔钻

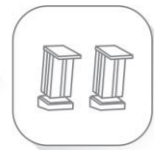
CNC side drilling machine



工艺流程解析
Process analysis



a. 定位精准
Precise positioning



b. 多工位
Multiple worktable



c. 激光感应
Laser induction



高速主轴
High-speed spindle

a. 高效化水平侧钻孔设备，打孔铣槽一次完成
可实现长短板切换，满足多种板式工艺需求

a. High-efficiency horizontal side drilling equipment, drilling and milling grooves can be completed at one time, which can realize the switching of long and short panels to meet varieties of panel process requirements



压料气缸
Press cylinder

b. 气动斜压料，精准打孔，板件在加工过程中精准定位不易打偏

b. Pneumatic oblique pressing, accurate drilling, panel not easy to be deflected during the process of precise positioning



激光扫描感应器
Laser Scanning Sensor

c. 激光感应定位，精准控制打孔，提高加工精度

c. Laser induction positioning, precise control of drilling, improve processing accuracy

型号参数	Model	SKC-255
单工位工件长度	Single worktable panel length	≤2550mm
多工位工件长度	Multi-worktable panel length	≤800mm
工件宽度	Panel width	≥60mm
工件厚度	Panel thickness	10-50mm
最大速度	Max. speed	75m/min
加工方式	Processing methods	激光扫描+扫描标签 Laser scanning + scanning label
钻孔电机	Drilling motor	2.2kw(18000rpm)
工位	Worktable	三工位Three worktable
总功率	Total power	3.35kw
外观尺寸	Overall size	3200*2100*1500mm
钻孔深度	Drilling depth	50mm
最大钻孔直径	Max. drilling diameter	12mm

HCL-402 CNC

木工六排钻

Six rows multi drilling machine



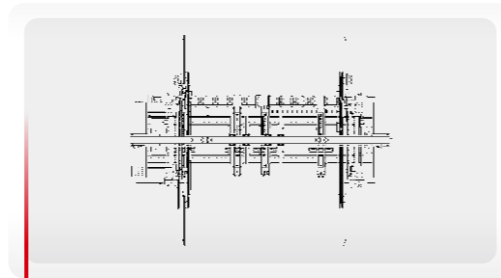
a. 自动送料
Automatic feeding



b. 气缸压料
Cylinder pressure



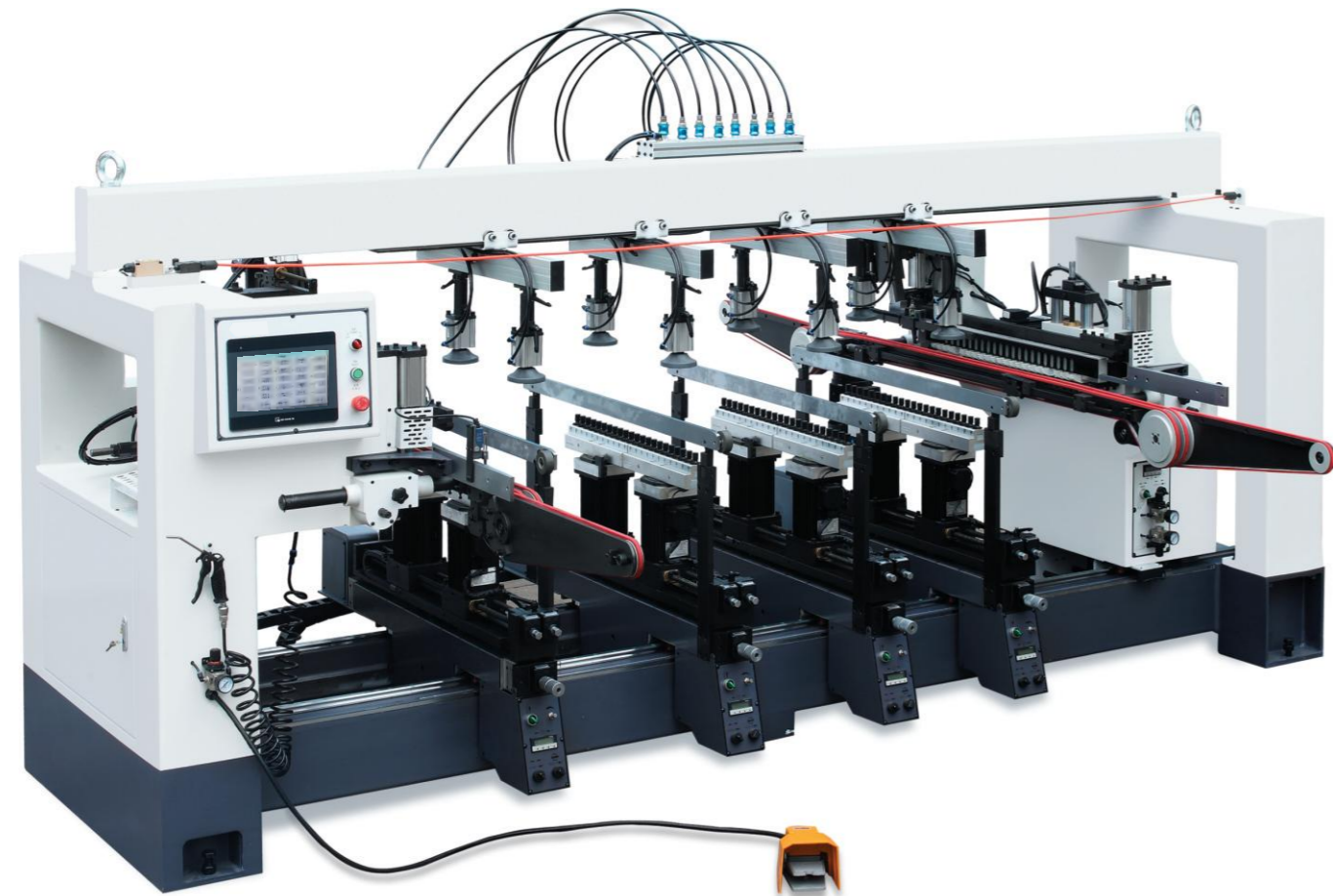
c. 精准钻孔
Precision drilling



平面布局图 Layout Plan



工艺流程解析
Process analysis



皮带送料
Belt feeding

a. 皮带式自动送料装置
输送稳定更耐磨

a. Belt type automatic feeding device
Stable conveying and more wear-resistant



压料气缸
Press cylinder

b. 气动压料，精准打孔，板件在加工过程中精准定位不易打偏

b. pneumatic pressure , precise drilling, precise positioning of the panel during processing is not easy to be deflected



钻孔单元
Drill row unit

c. 前后定位，精准控制打孔，提高加工精度

c. Positioning front and rear, precise control of drilling, improve processing accuracy

型号参数	Model	HCL-402
加工长度(X轴)	Machining length (X axis)	250-2450mm
加工宽度(Y轴)	Processing width (Y axis)	300-900mm
最大加工厚度	Max. processing thickness	70mm
水平钻两孔最大间距	Max. distance between two horizontal holes	640mm
垂直钻两孔最大间距	Max. distance between two vertical holes	765mm
垂直排最小间距	Min. distance between vertical rows	128mm
水平最大钻孔深度	Max. drilling depth of horizontal hole	40mm
垂直钻孔最大深度	Max. drilling depth of vertical hole	50mm
钻轴速度	Spindle speed	2800rpm(50Hz)
工作台距地高度	Height of working table	998mm
工作气压	Working pressure	0.6-0.8Mpa
外形尺寸	Overall size	3760*3120*1760mm
机器重量	Machine weight	2300kg

HCL-302 CNC

木工五排钻

Five rows multi drilling machine



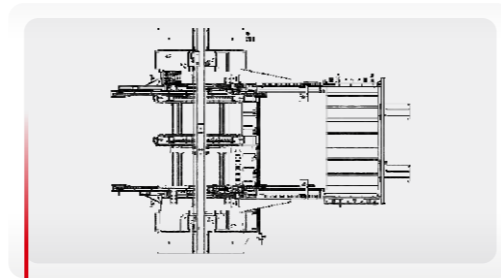
a. 自动叠料
Automatic stacking



b. 升降台下料
Lifting unloading platform



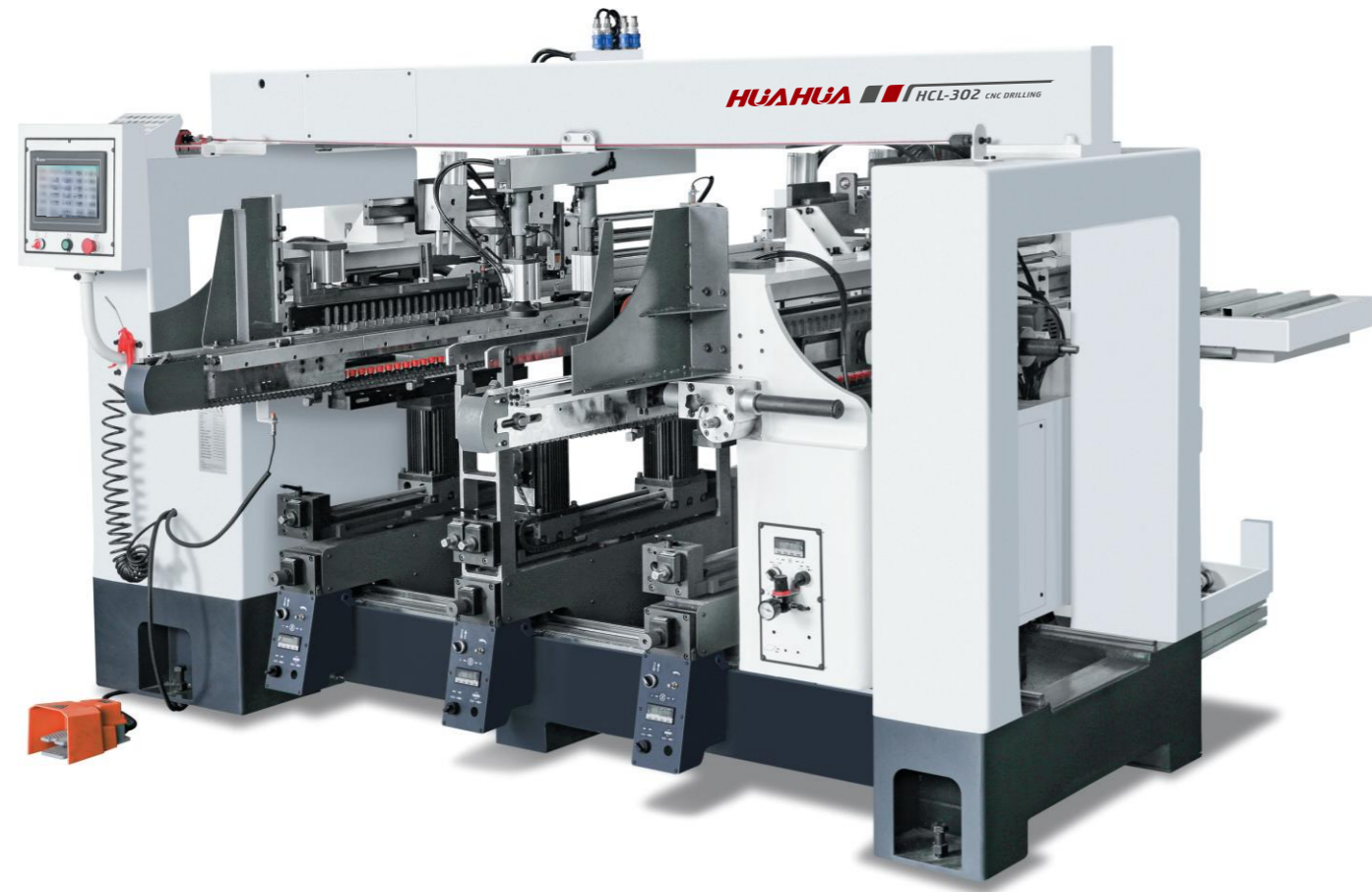
c. 精准钻孔
Precision drilling



平面布局图 Layout Plan



工艺流程解析
Process analysis



自动叠料
Automatic stacking

a. 自动叠料装置，减少人工叠料
提供生产效率，省时省薪

a. Automatic stacking device, reducing manual stacking,
improving production efficiency, saving time and salary



升降台下料
Lifting unloading platform

b. 滚筒升降机下料，节省人工收料，一人操
作即可完成整个生产流程，提高生产效率

b. The roller lifting table is auto unloading and Save labour
collect materials. One person can complete the whole
production process and improve production efficiency.



精准钻孔
Precision drilling

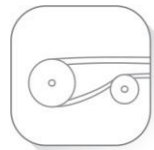
c. 精准控制打孔，提高加工精度
确保每个加工板材控制在0.1mm内

c. Precisely control drilling, improve processing accuracy,
and ensure that each processed panel is controlled
within 0.1mm

型号参数	Model	HCL-302
加工长度(X轴)	Processing length (X axis)	250-1200mm
加工宽度(Y轴)	Processing width (Y axis)	50-600mm
最大加工厚度	Max. processing thickness	45mm
垂直钻孔最大间距	Max. distance between two vertical holes	765mm
水平钻孔最大间距	Max. distance between two horizontal holes	640mm
水平最大钻孔深度	Max. drilling depth of horizontal hole	40mm
钻轴速度	Spindle speed	2800r/min
工作台高度	Height of working table	995mm
工作气压	working pressure	0.6-0.8Mpa
总功率	Total power	11.95kw (不带升降平台not included lifting table 9.75kw)
外形尺寸	Overall size	2700*2600*1770mm
机器重量	Machine weight	2200kg (不带升降平台not included lifting table 2000kg)

HCL-222 CNC

数控四排钻 Four rows CNC drilling machine



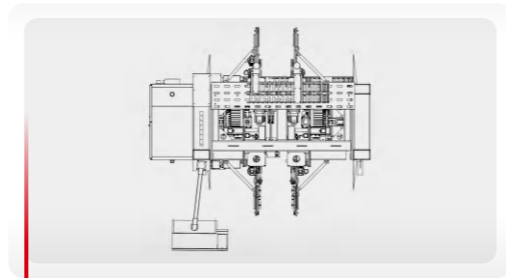
a. 同步带输送
Synchronous belt conveying



b. 双伺服夹爪定位
Dual Servo Gripper Positioning



c. 精准钻孔
Precision drilling



平面布局图 Layout Plan



工艺流程解析
Process analysis



同步带输送
Synchronous belt conveying

a. 同步带输送装置
输送稳定，效率更高

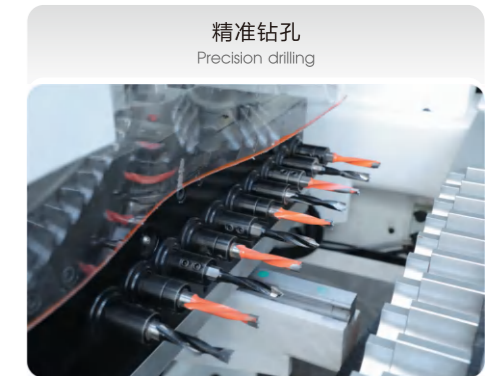
a. Synchronous belt conveyor
Stable delivery and higher efficiency



双伺服夹爪定位
Dual Servo Gripper Positioning

b. 双伺服夹爪定位,精准打孔
板件在加工过程中精准定位不易打偏

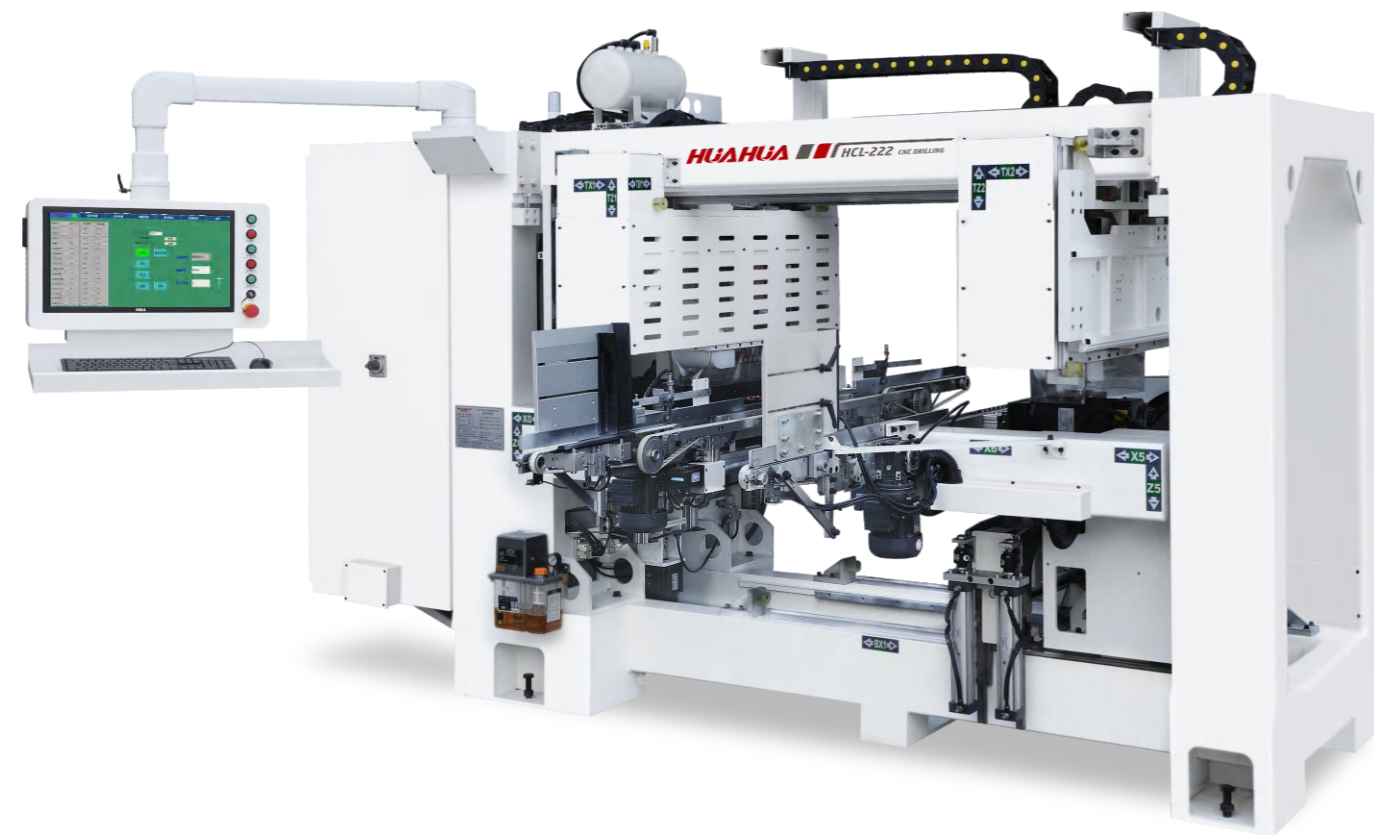
b. Dual servo gripper jaw positioning, precise drilling
Precise positioning of the panel during processing, it is not easy to be deflected



精准钻孔
Precision drilling

c. 精准控制垂直孔和侧孔
确保每个加工板材控制在0.1mm内

c. Precise control of vertical holes and horizontal holes
Ensure that each processed panel is controlled within 0.1mm



型号参数	Model	HCL-222
加工长度(X轴)	Processing length (X axis)	160-600mm
加工宽度(Y轴)	Processing width (Y axis)	50-300mm
最大加工厚度	Max. processing thickness	50mm
上垂直排钻孔最小距离	Min. distance of drilling holes in upper vertical row	100mm
水平钻头数	Number of horizontal drill bits	左钻: 10个 右钻: 10个 Left drilling box: 10pcs,Right drilling box: 10pcs
垂直钻头数	Number of vertical drill bits	上左钻: 14个 上右钻: 14个 Up left drilling box: 14pcs,Up right drilling box: 14pcs
加工深度	Processing depth	Max 45mm
工作台面高度	Height of working table	950mm
总功率	Total power	22.52kw
机器净重	Machine weight	3000kg
外形尺寸	Overall size	3250*2750*2170mm

MJB-1327A SAW

精密裁板锯
Precision panel saw



MJ-6132B SAW

精密推台锯
Sliding table saw



MJB-1327B SAW

精密裁板锯
Precision panel saw



MJ-6132D SAW

精密推台锯
Sliding table saw



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*部分合作客户展示，排名不分先后



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72h

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 production and provide customers with professional
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 on time service with professional engineers.

24h

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 一般技术故障等问题，并联系公司总部技术
 人员进行协助操作。

The local distributor was ordered 24 hours to solve
 the problems of ordinary parts distribution and
 general technical failures, and contacted the
 company's headquarters technicians for assistance.

0s

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