



国家高新技术企业



微信公众号



企业小程序



企业抖音号



企业视频号

**HUAHUA 桦桦数控**<sup>®</sup>  
用出来的口碑

## 广东顺德昶盛机械制造有限公司

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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**<sup>®</sup>  
用出来的口碑

**一站式定制家具方案**  
FULL SOLUTION FOR CUSTOMIZED FURNITURE

精准开料 | 高速裁板 | 自动封边 | 数控钻铣 | 智能连线

CNC Router Machine | Computer Beam Saw | Edge Banding Machine

CNC Drilling Machine | Intelligent Connection Line



HUAHUA 桦桦数控<sup>®</sup> 用出来的口碑

2023 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.







**实力为碑**

“精心锻造工艺，时间沉淀实力”



**Strength win public praise**

Elaborate forging process, time precipitates strength

制造基地 Manufacturing base

**Strength Win Public Praise**

Meticulous forging process, time precipitating strength

发展历史

**20年**

Development history

占地面积

**35,000m<sup>2</sup>**

Land area

现有员工

**300多人**

Employees

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,集产品研发、设计、生产、销售、服务为一体,主要以电脑裁板锯、数控开料机、自动封边机、六面钻铣加工中心、智能化生产连线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, Edge Banding Machine, CNC Drilling Machine, Intelligent Connection Line 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.



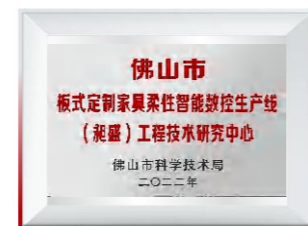
Full solution for customized furniture







五邑大学产学研合作教育基地



(昶盛)工程技术研究中心



高新技术企业



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



广东省重质量守信单位



广州市家具行业协会会员单位



纳税超千万元(集团)企业



广东省用户满意品牌企业

## 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**

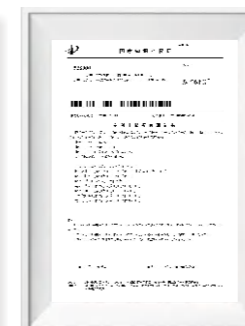
Utility model patent



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**

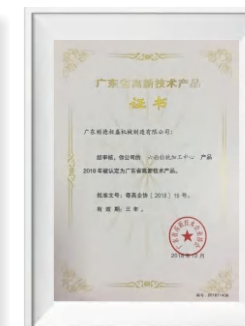
ISO9001



欧盟CE认证

**4项**

CE certificate



高新技术产品

**4项**

New high tech product





### 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



“P01-22”

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

客户案例  
Customer case

CNC Router series

精准开料系列



“P23-58”

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

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(双轴带钻包)  
CNC router machine (Two spindles with drilling box)

自动贴标机  
Automatic labeling machine

Computer beam saw series

高速裁板系列



“P59-80”

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



“P81-116”

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

高速直线激光封边机(可选配重型款)  
High-speed linear laser edge banding machine (Heavy-duty is optional)

双胶锅直线激光封边机  
Double glue pot linear laser edge banding machine

双胶锅直线封边机  
Double glue pot linear 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

双PUR直线封边机  
Straight edge banding machine with double PUR

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

直线封边机  
Straight edge banding machine

CNC drilling machine series

数控钻铣系列



“P117-160”

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

单钻包六面钻铣加工中心  
Single drilling box 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!”

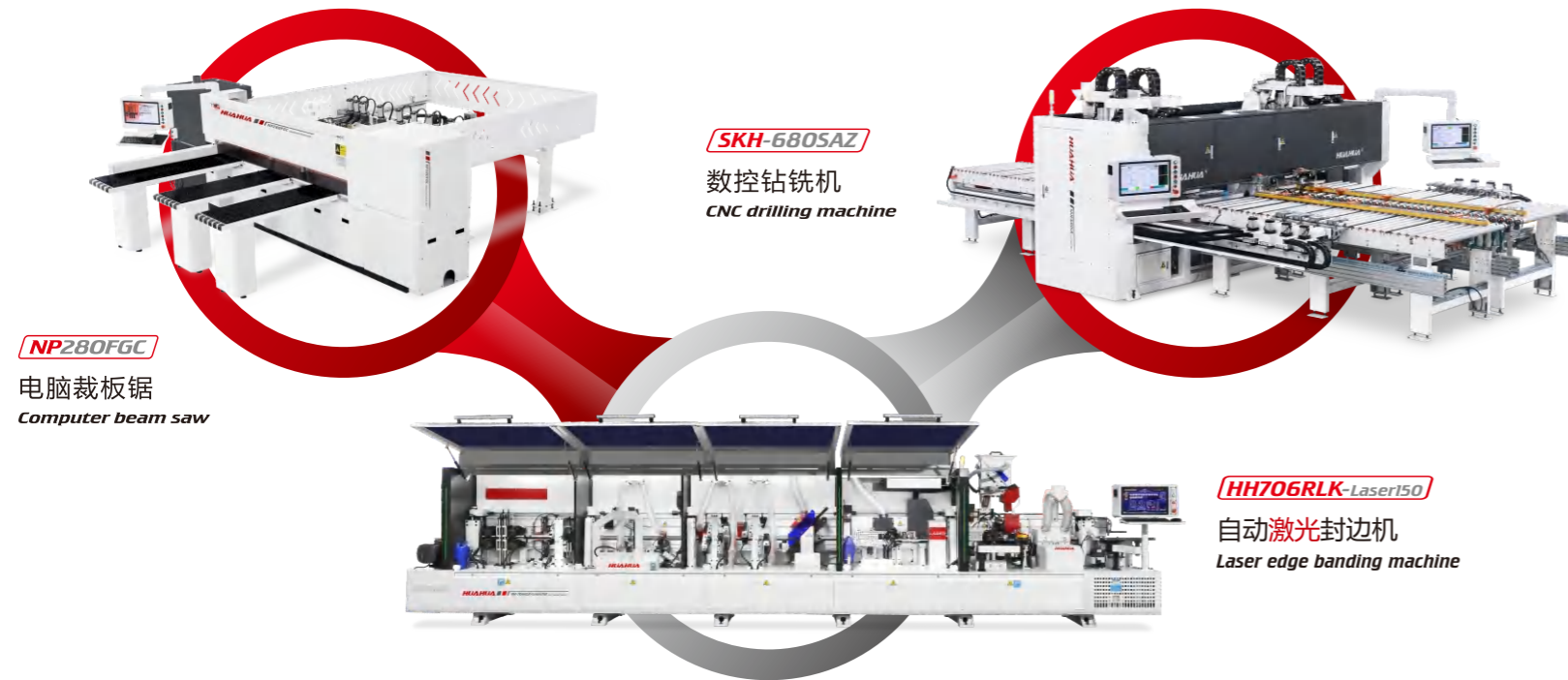
Internationalized  
Product Win Public Praise

Ingenuity to manufacture products that are  
compared to the international level



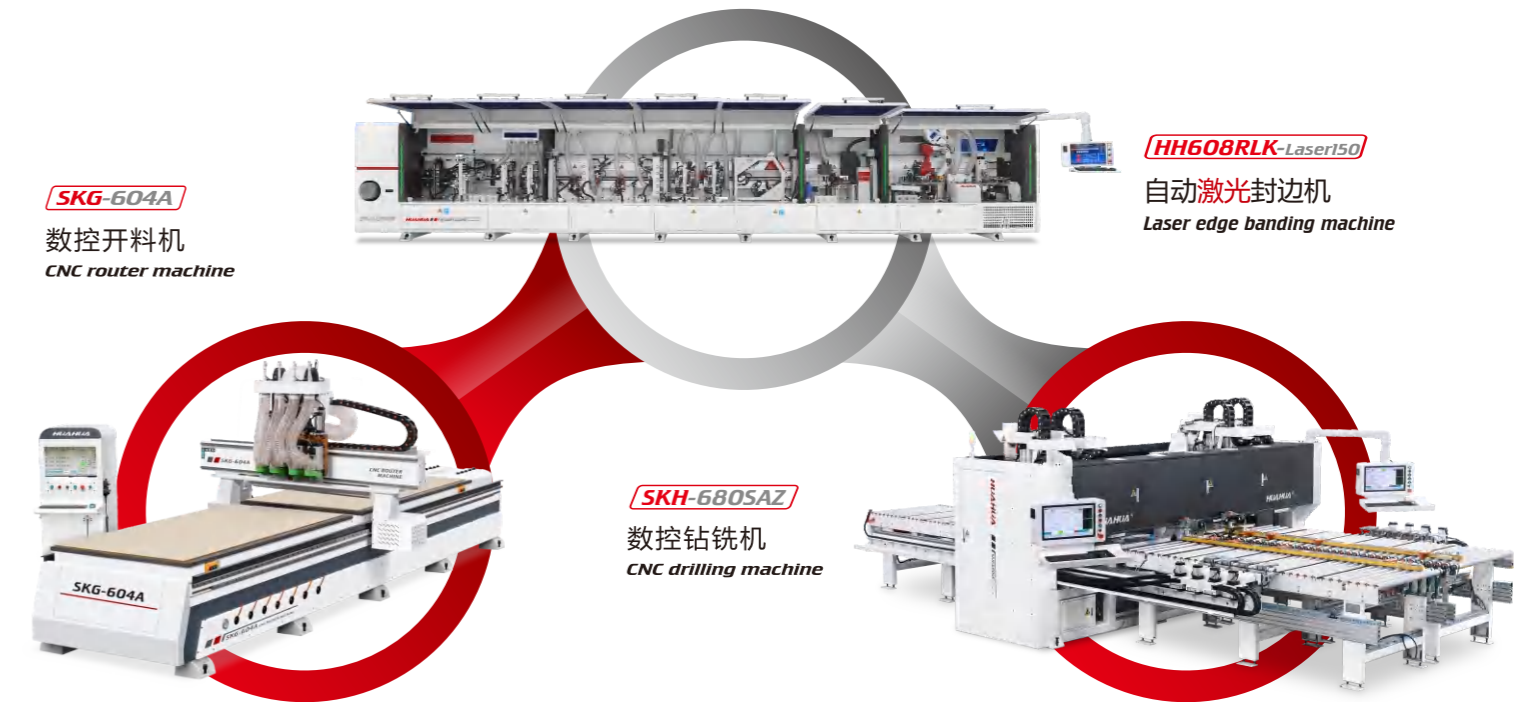
## 板式批量自动化连线方案 *line1*

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。

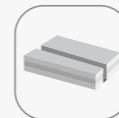
Function description: tailored specifically for custom furniture company, User-friendly interface, simple design, intuitive, and complete production data.



### 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。

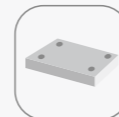
Function description: automatic control, multi function straight edge banding; For panel gluing, end cutting, rough trimming, fine trimming, scraping, buffing etc.



### 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。

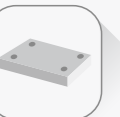
Function description: automatic control, multi function straight edge banding; For panel gluing, end cutting, rough trimming, fine trimming, scraping, buffing etc.



### 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。

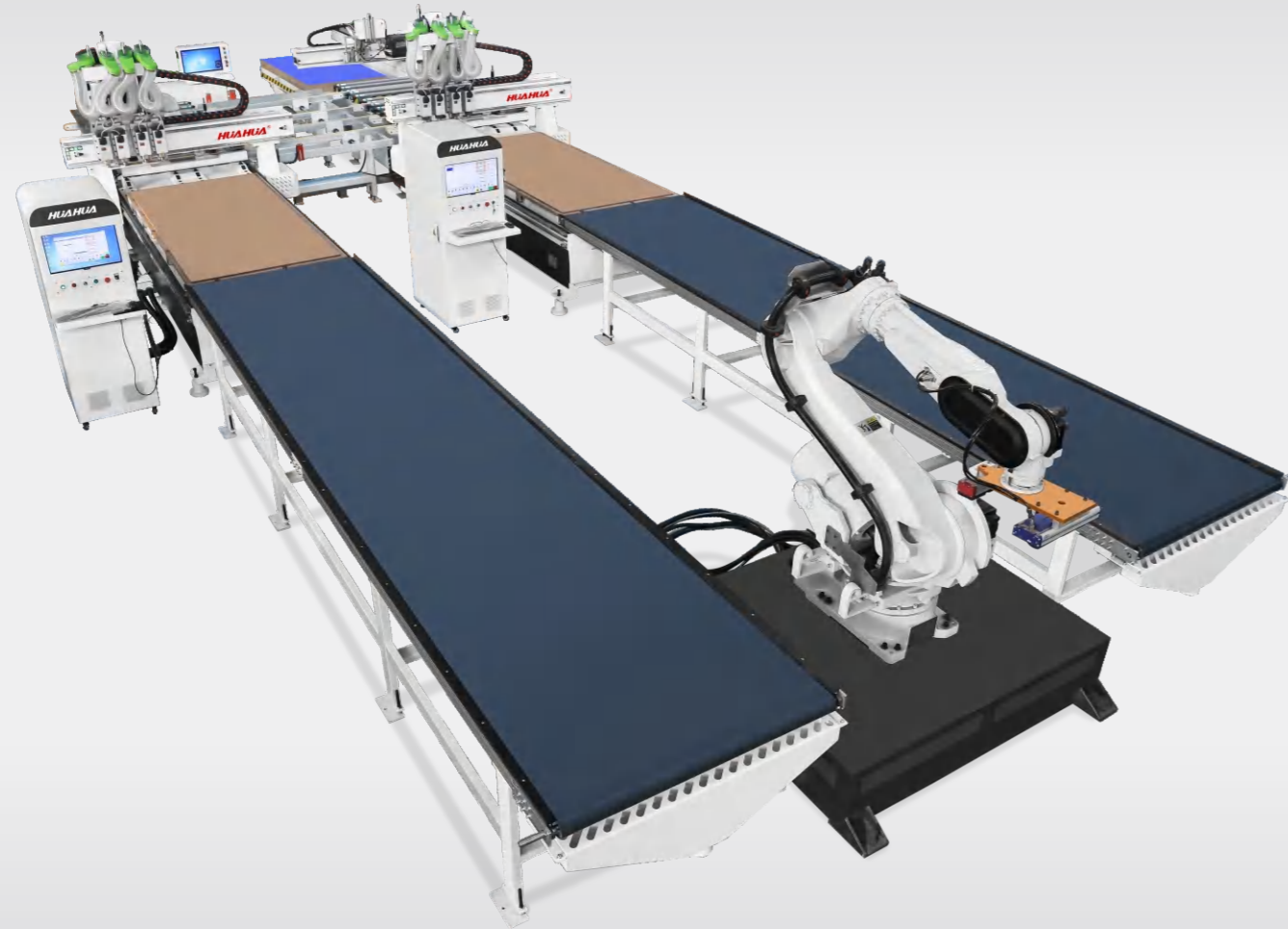
Function description: drilling in x axis direction no length limit, Double-clamping can complete the panel processing without changing the clamp.







工艺流程解析  
Process analysis



## CNC一拖二连线 line

CNC one-to-two connection line

### 多种开料连线方案 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

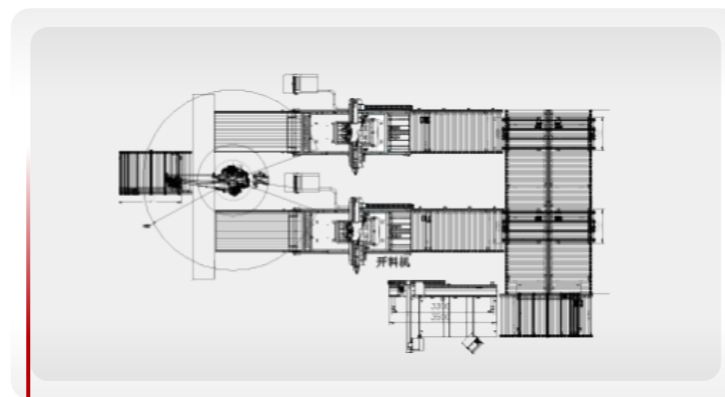


Multiple cutting and connection solutions  
Meet different application requirements

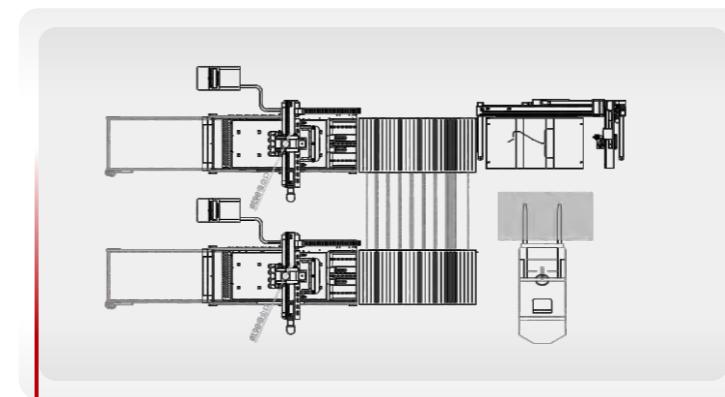
Choose different solutions according to site, capacity, process and working procedure  
Processing modular workstations, flexible support for multiple combinations, adapt to local conditions to maximize production efficiency

批量  
智能连线

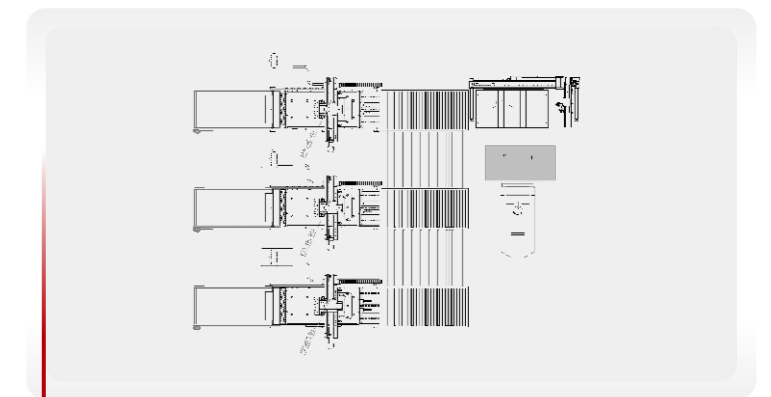
**Intelligent Connection Line**



**C** CNC一拖二配机械手 CNC one to two machines , with manipulator



**B** CNC一拖二连线 CNC one-to-two connection line



**C** CNC一拖三连线 CNC one-to-three connection line





工艺流程解析  
Process analysis



## A8 定制智慧工厂连线 <sup>line</sup>

A8 Customized Smart Factory Connection line

CNC一拖二连线+左右封边机连线+二台六面钻连线  
+书本架立体分拣

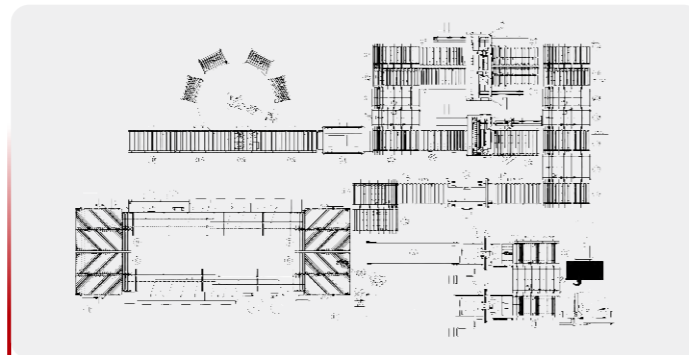
CNC one-to-two connection + left and right edge banding machine connection +  
two six-sided drilling machines connection + Book rack three-dimensional sorting



产能输出 25张/小时 安装面积 665m<sup>2</sup> 能源消耗 259千瓦/小时  
Capacity output: 25panels/hour Installation area: 665 m<sup>2</sup> Energy consumption: 259kw/hour

批量  
智能连线

Intelligent Connection Line



平面布局图 Layout Plan



a



b



c





工艺流程解析  
Process analysis

## 客户案例工厂连线 <sup>line</sup>

Customer Case Factory Connection line

### CNC一拖二连线+左右封边机连线+三台六面钻连线+分拣

CNC one-to-two connection + left and right edge banding machine connection + three six-sided drilling machines connection + sorting



产能输出 25张/小时 安装面积 2000m<sup>2</sup> 能源消耗 206千瓦/小时  
Capacity output: 25panels/hour Installation area: 2000m<sup>2</sup> Energy consumption: 206 kw/hour

# 华朗图

# 批量

智能连线

## Intelligent Connection Line



a



b



c

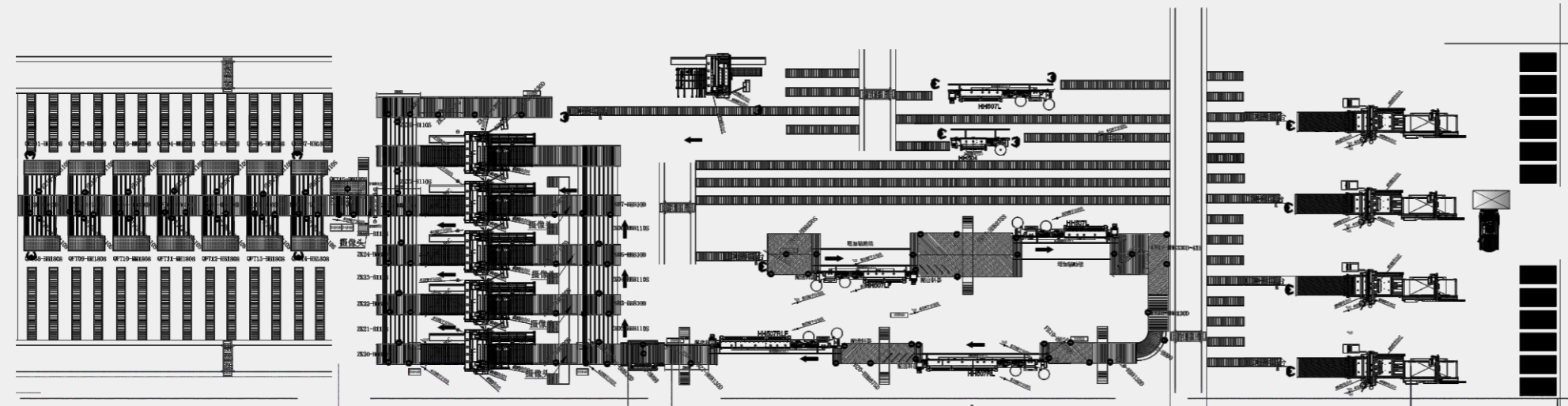


d





工艺流程解析  
Process analysis



## 客户案例工厂连线 <sup>line</sup>

Customer Case Factory Connection line

### 四台开料机配自动上下料平台+四台封边机连线+ 五台六面钻连线+分拣

4 sets CNC router machine with auto loading and unloading table +  
4 sets edge banding machine line + 5 sets six sides cnc drilling machine line + sorting



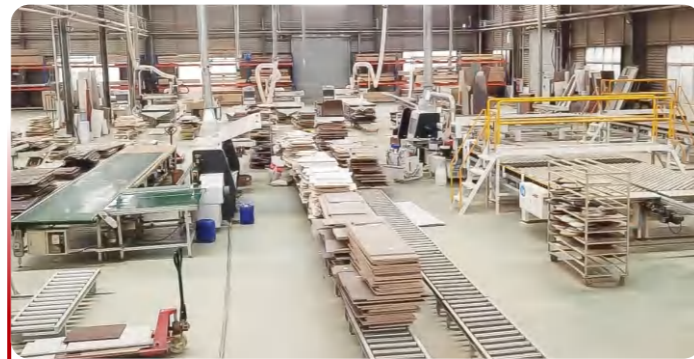
产能输出 50张/小时 安装面积 2000m<sup>2</sup> 能源消耗 380千瓦/小时  
Capacity output: 50 panels/hour Installation area: 2000m<sup>2</sup> Energy consumption: 380 kw/hour



# 批量

智能连线

## Intelligent Connection Line



a



b



c

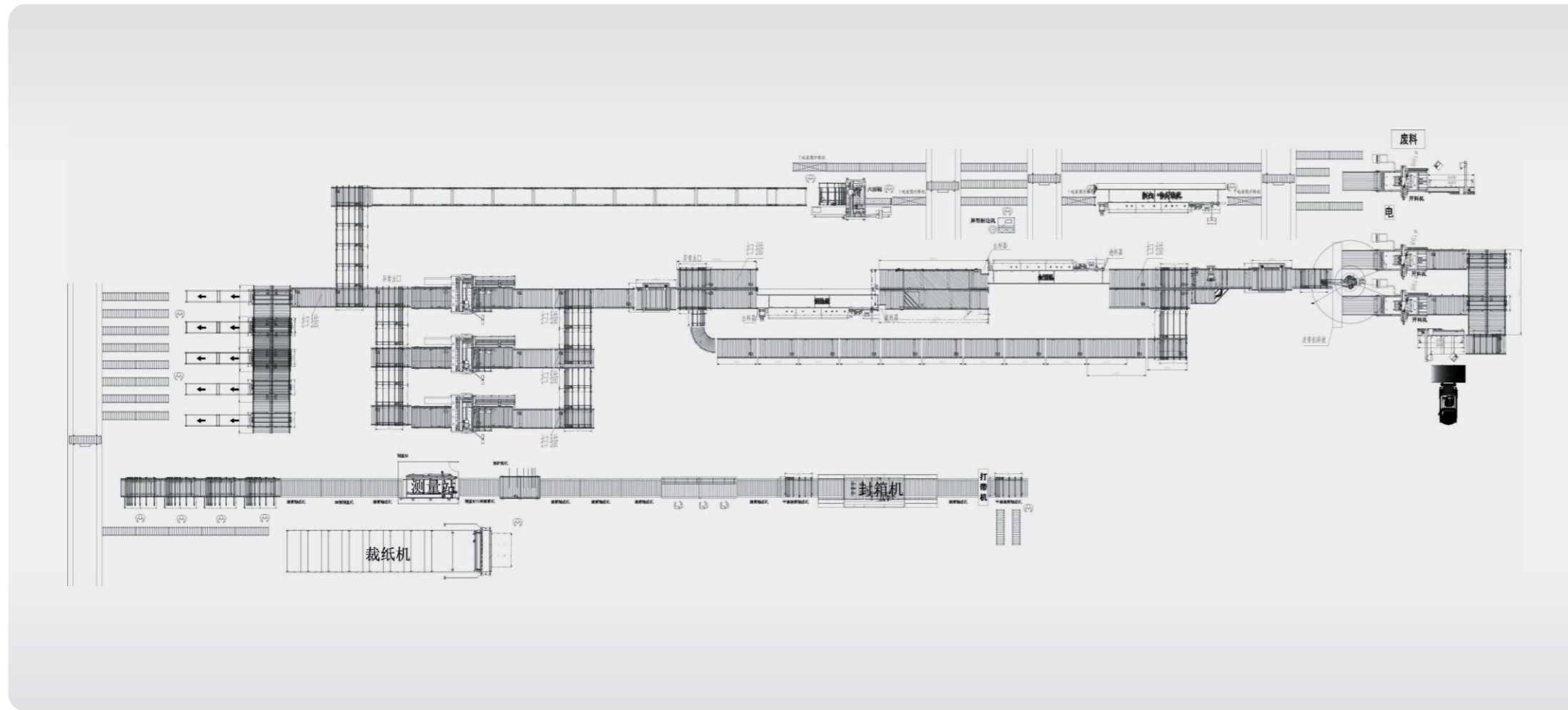


d





工艺流程解析  
Process analysis



### CNC一拖二配机械手+左右封边机连线+三台六面钻连线

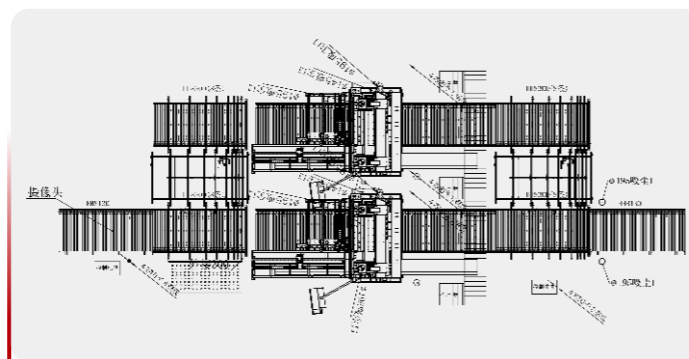
CNC one-to-two with manipulator + left and right edge banding machine connection + three six-sided drilling machines connection line



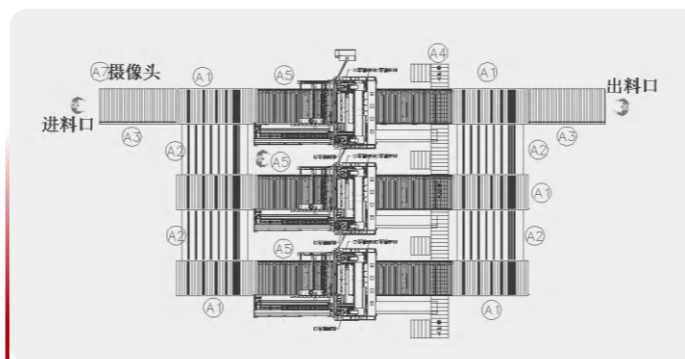
产能输出 25张/小时 安装面积 2000m<sup>2</sup> 能源消耗 190千瓦/小时  
Capacity output: 25panels/hour Installation area: 2000m<sup>2</sup> Energy consumption: 190 kw/hour

批量  
智能连线

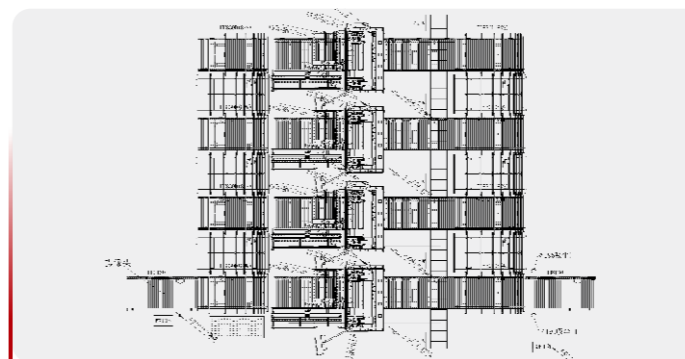
Intelligent Connection Line



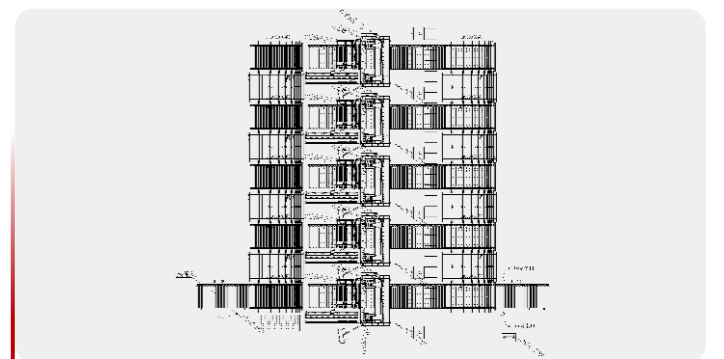
a 六面钻二机连线 Two sets of CNC drilling machines line



b 六面钻三机连线 Three sets of CNC drilling machines line



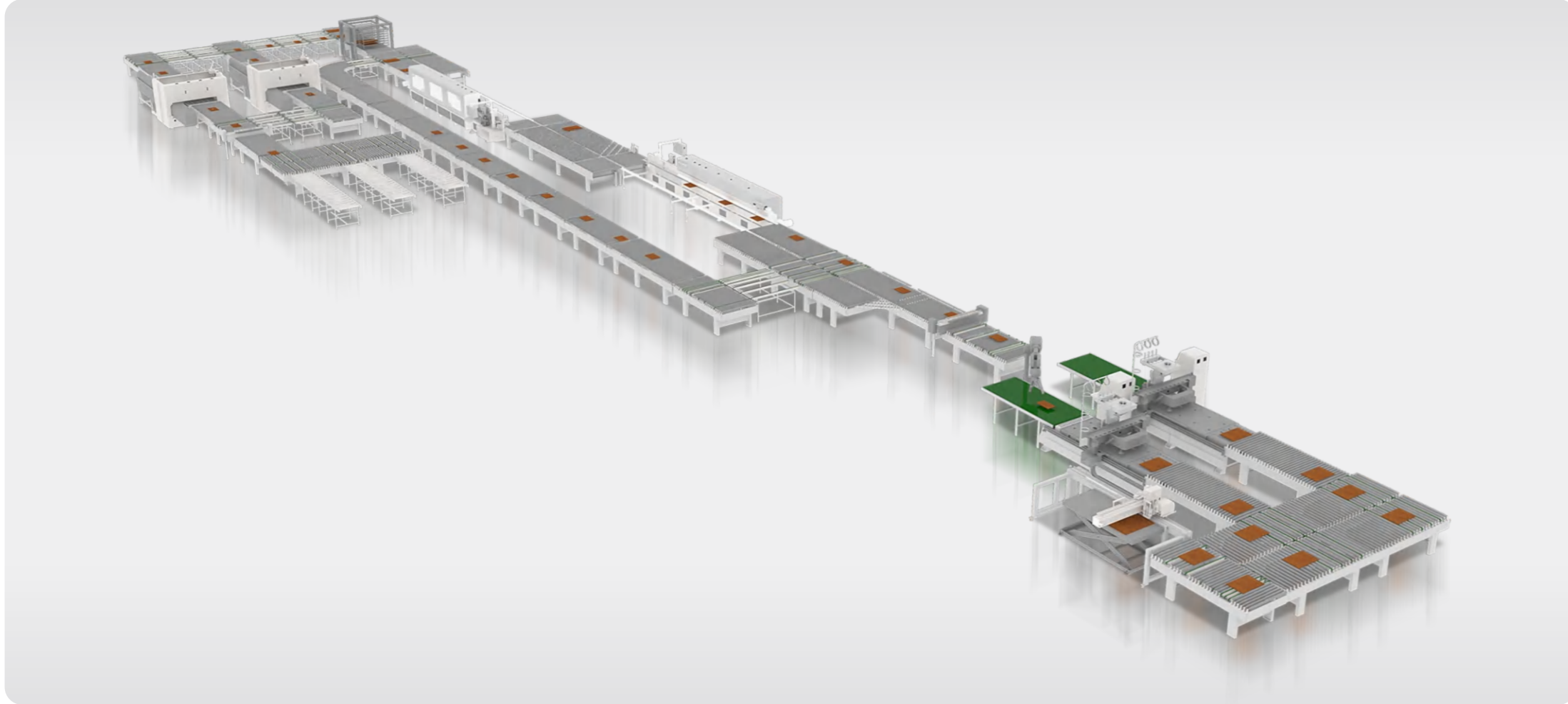
c 六面钻四机连线 Four sets of CNC drilling machines line



d 六面钻五机连线 Five sets of CNC drilling machines line



工艺流程解析  
Process analysis



## A9 定制无人工厂连线 <sup>line</sup>

A9 Customized unmanned factory connection line

### CNC一拖二配机械手+左右封边机连线+两台六面钻连线

CNC one-to-two with manipulator + left and right edge banding machine connection + two sets six-side drilling machines connection line



产能输出 20张/小时 安装面积 1000m<sup>2</sup> 能源消耗 180千瓦/小时  
Capacity output: 20 panels/hour Installation area: 1000m<sup>2</sup> Energy consumption: 180 kw/hour

批量  
智能连线

**Intelligent Connection Line**



平面布局图 Layout Plan





工艺流程解析  
Process analysis



## 封边机连线 line

Edge banding machine line

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

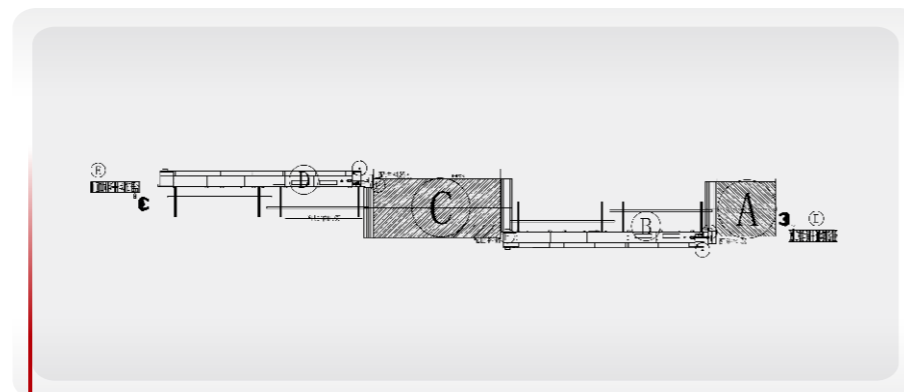


Variety of edge banding machine connection solutions  
Meet different application requirements

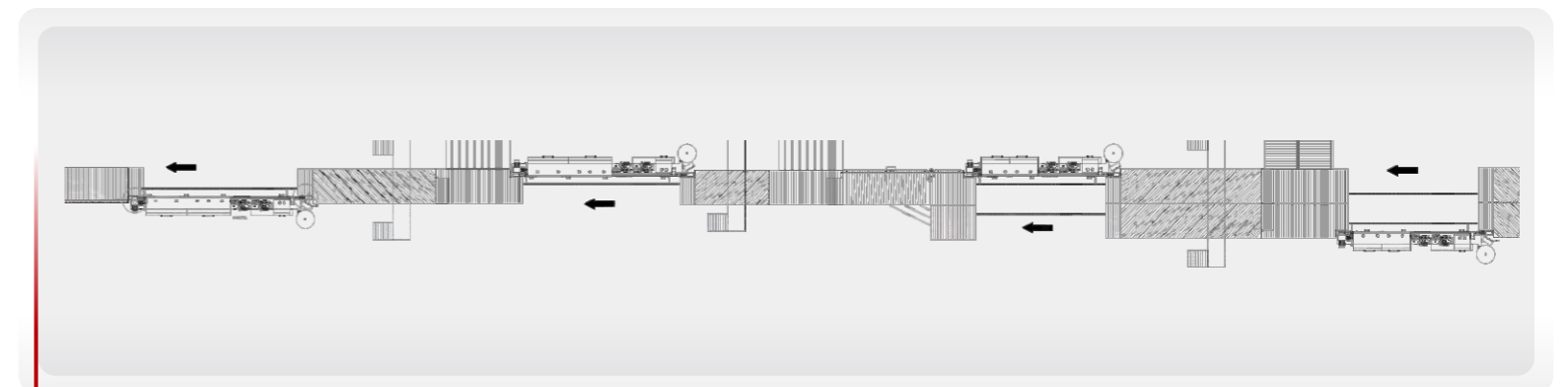
According to the site, production capacity, processing, choose different solutions  
Processing modular workstations, flexible support for multiple combinations, adapt to local conditions to maximize production efficiency

批量  
智能连线

**Intelligent Connection Line**



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

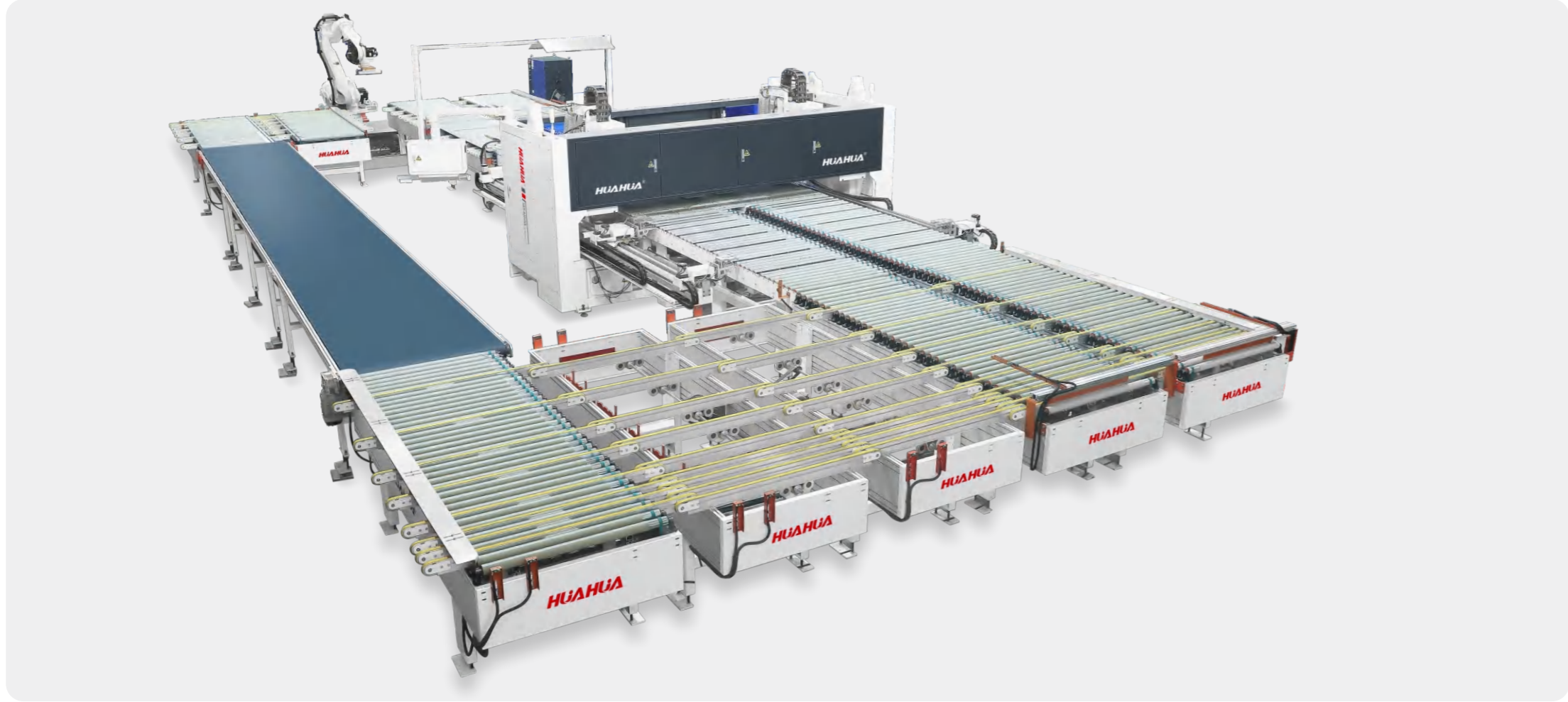


**B** 四机封边机连线 Four sets edge banding machines connection line





工艺流程解析  
Process analysis



## 六面钻回转连线 line

Six sides CNC drilling machine return line

### 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



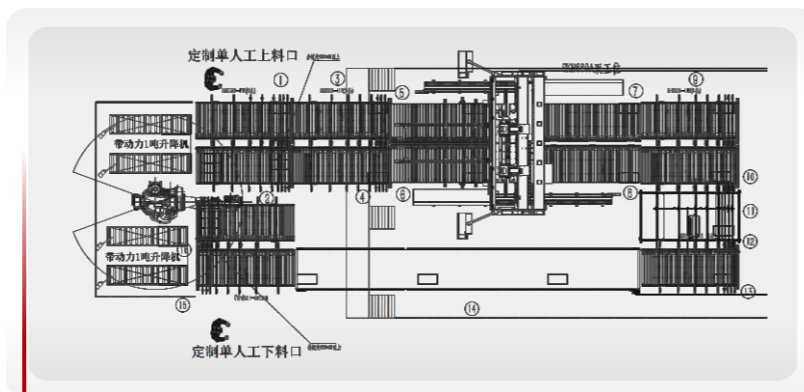
Variety of drilling & milling connection solutions  
Meet different application requirements

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

# 批量

智能连线

## Intelligent Connection Line



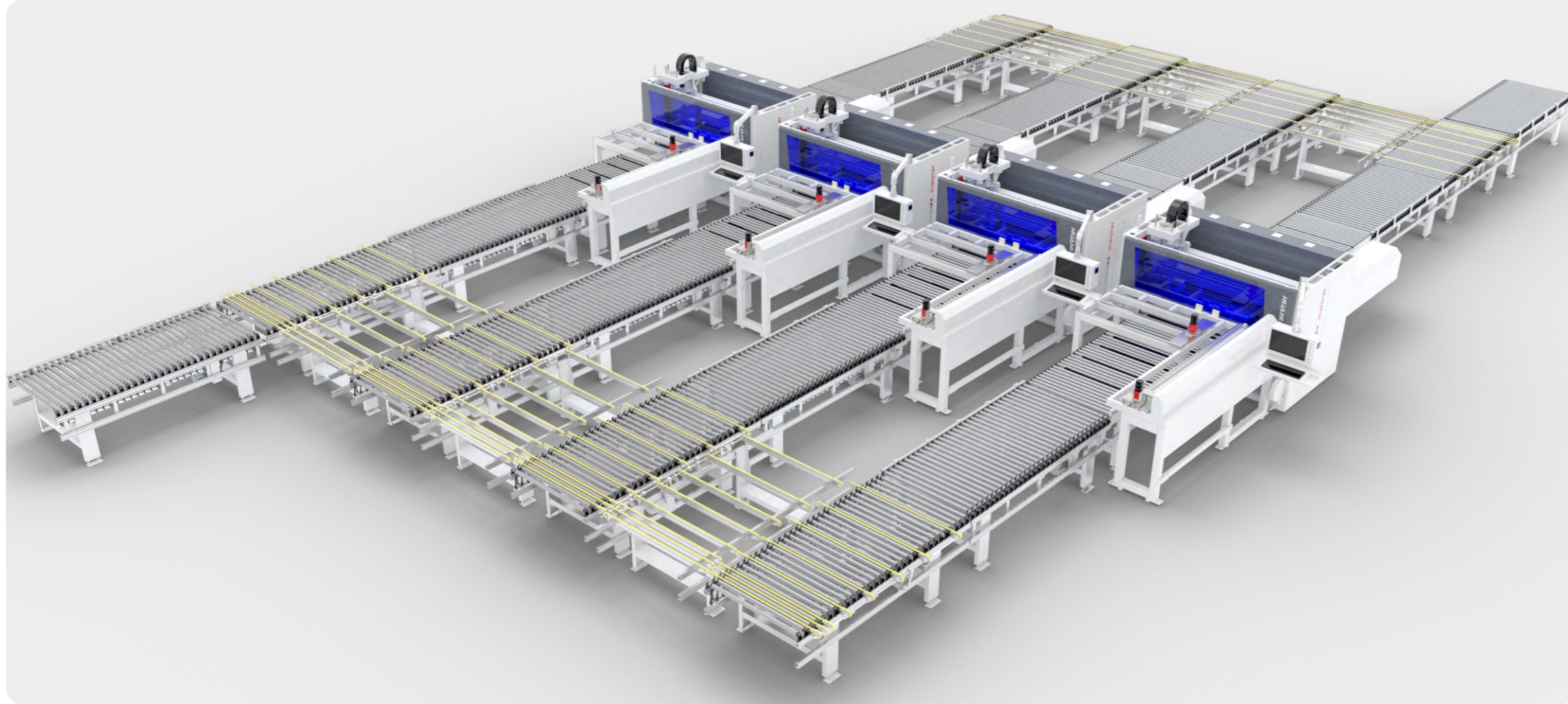
六面钻回转连线 six sides CNC drilling machine return line







工艺流程解析  
Process analysis



## 六面钻四机连线 line

Four sets of six sides CNC drilling machine return line

### 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



Variety of drilling & milling connection solutions  
Meet different application requirements

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

# 批量

智能连线

## Intelligent Connection Line



**WISION 维尚家具** 客户现场案例 Customer on-site cases



**掌上明珠** 客户现场案例 Customer on-site cases



**SUNHOO 双虎家私** 客户现场案例 Customer on-site cases



**ARROW 箭牌衣柜** 客户现场案例 Customer on-site cases





工艺流程解析  
Process analysis



## 六面钻单机回转连线 <sup>line</sup>

Six sides CNC drilling single machine return line

### 六面钻回转连线 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



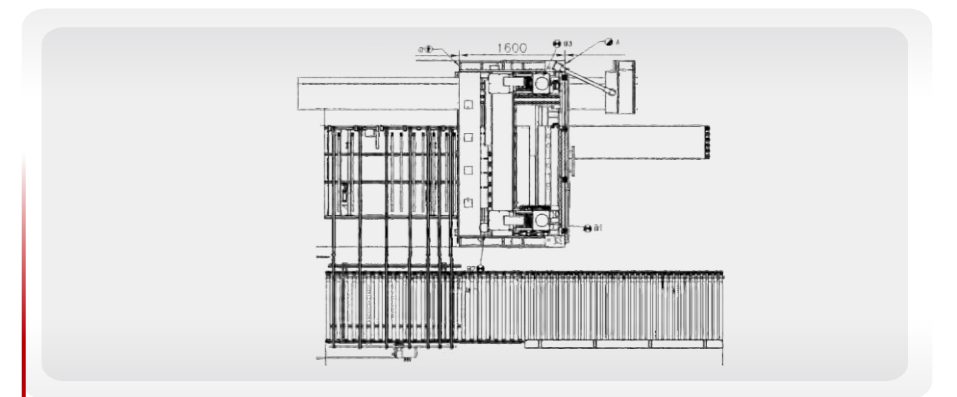
Six sides CNC drilling machine return line  
Meet different application requirements

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

批量

智能连线

**Intelligent Connection Line**



平面布局图 Layout Plan



SKG

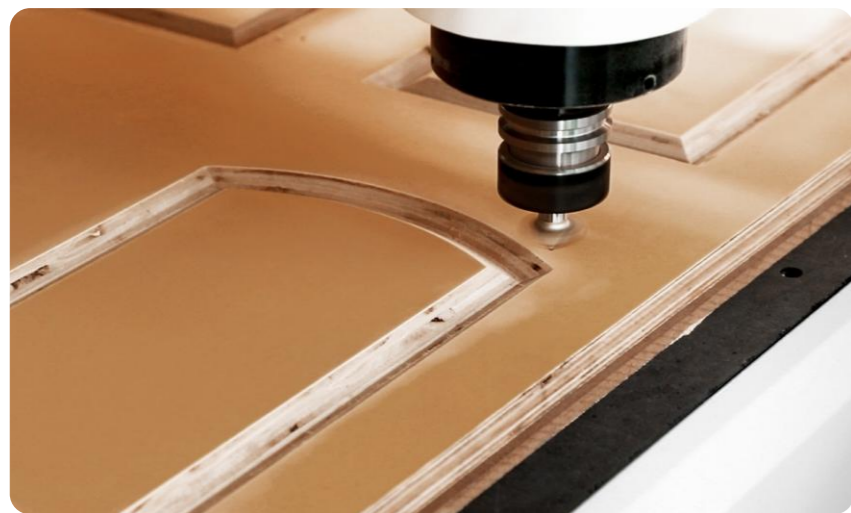


## 精准开料 随机应变

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





# SKG-812 <sup>CNC</sup>

## 数控开料机 (自动换刀主轴)

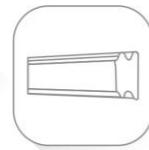
CNC router machine ( Auto tool changing spindle )



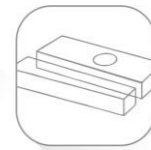
a. 12kw风冷自动换刀主轴  
12 kw ATC spindle



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

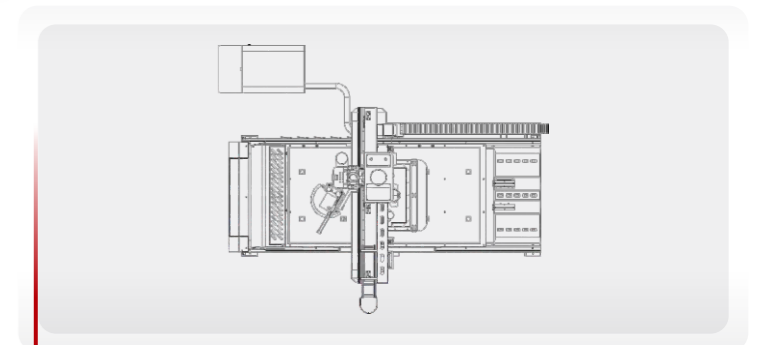


b. 斗笠式刀库可以装12把刀  
就近原则自动换刀铣型更高效

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



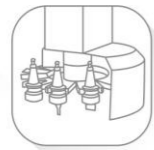
# SKG-812Z <sup>CNC</sup>

## 数控开料机 (自动换刀主轴)

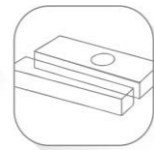
CNC router machine ( Auto tool changing spindle )



a.自动贴标  
Automatic labeling



b.自带刀库  
Tool magazine



c.柔性开料  
Flexible cutting



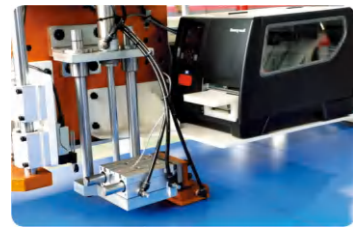
d.优化拆单  
Nesting software



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



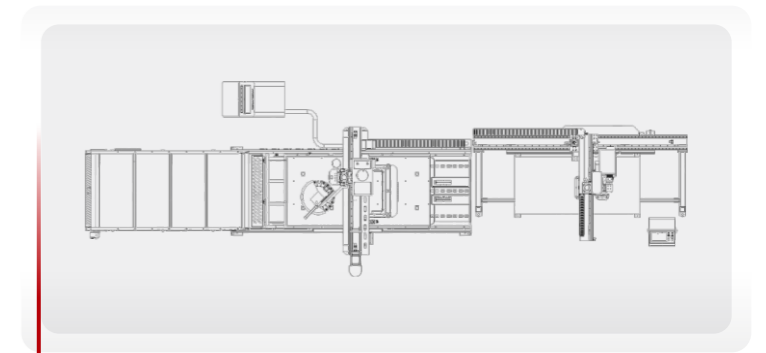
a.通过式完成贴标和开料工序  
贴标开料不间断

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 <sup>CNC</sup>

## 数控开料机 (直排刀库)

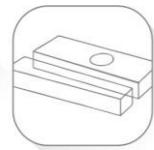
CNC router machine ( Linear type tool magazine )



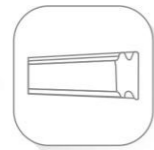
工艺流程解析  
Process analysis



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.



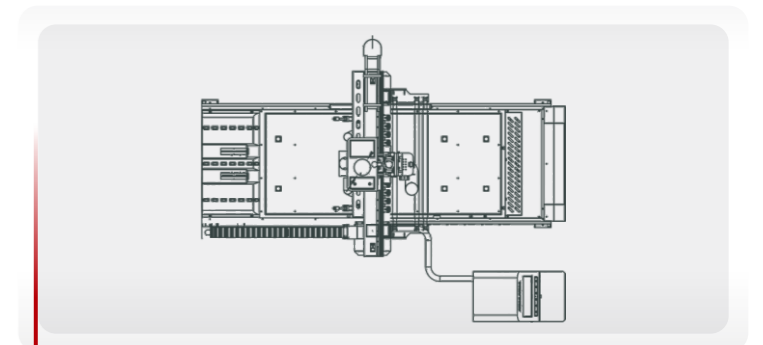
a.十二把直排刀库，每个功能一把刀，自动换刀无需等待

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






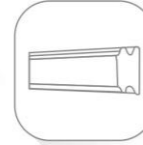
平面布局图 Layout Plan



# SKG-812HZ <sup>CNC</sup>

## 数控开料机 (直排刀库)

CNC router machine ( Linear type tool magazine )

-  a.自动贴标  
Automatic labeling
-  b.直排刀库  
Linear type tool magazine
-  c.柔性开料  
Flexible cutting
-  d.精密导轨  
Precision guide rail



工艺流程解析  
Process analysis

### 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.



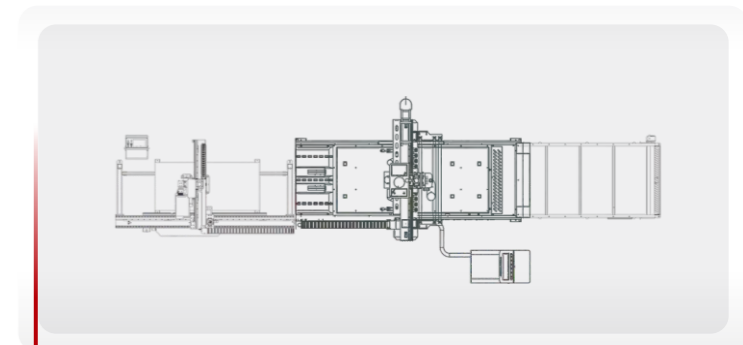
a.十二把直排刀库，每个功能一把刀，自动换刀无需等待

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-812HA <sup>CNC</sup>

## 双工位数控开料机(直排刀库)

Double worktable CNC router machine ( Linear type tool magazine )



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

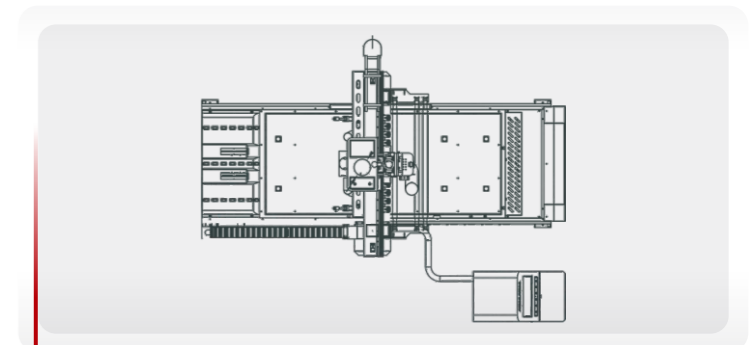


b.风冷主轴电机，配合刀库，无需等待换刀时间快速加工，效率更高

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



工艺流程解析  
Process analysis



平面布局图 Layout Plan



# SKG-812M <sup>CNC</sup>

## 数控开料机 (直排刀库)

CNC router machine ( Linear type tool magazine )



a.直排刀库  
Linear type tool magazine



b.柔性开料  
Flexible cutting



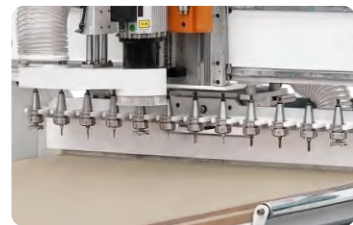
c.精密导轨  
Precision guide rail



d.优化拆单  
Nesting software

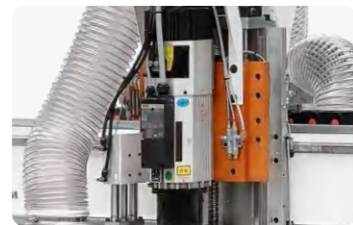
### 直排式自动换刀刀库 满足多种产品工艺加工需求

Straight automatic tool changer magazine  
Meet the processing needs of various product processes



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

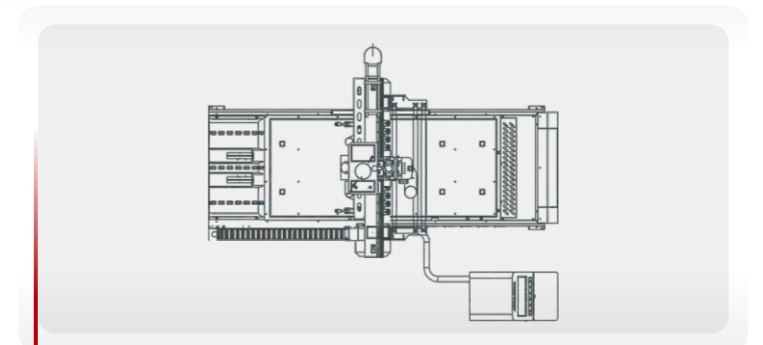


b.风冷主轴电机，配合刀库，无需等待换刀时间快速加工，效率更高

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



工艺流程解析  
Process analysis



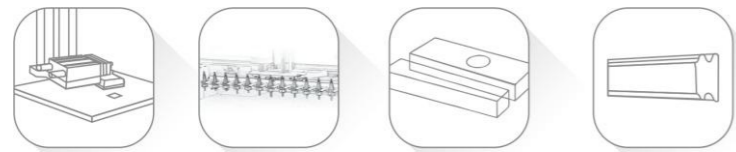
平面布局图 Layout Plan



# SKG-812MZ <sup>CNC</sup>

## 直排刀库数控开料机(上下料)

Linear type tool magazine CNC router machine ( Auto loading and unloading )



a.自动贴标 Automatic labeling  
b.直排刀库 Linear type tool magazine  
c.柔性开料 Flexible cutting  
d.精密导轨 Precision guide rail

### 自主研发拆单软件

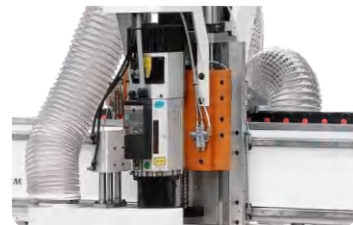
### 无缝对接市面上常用的多种软件

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



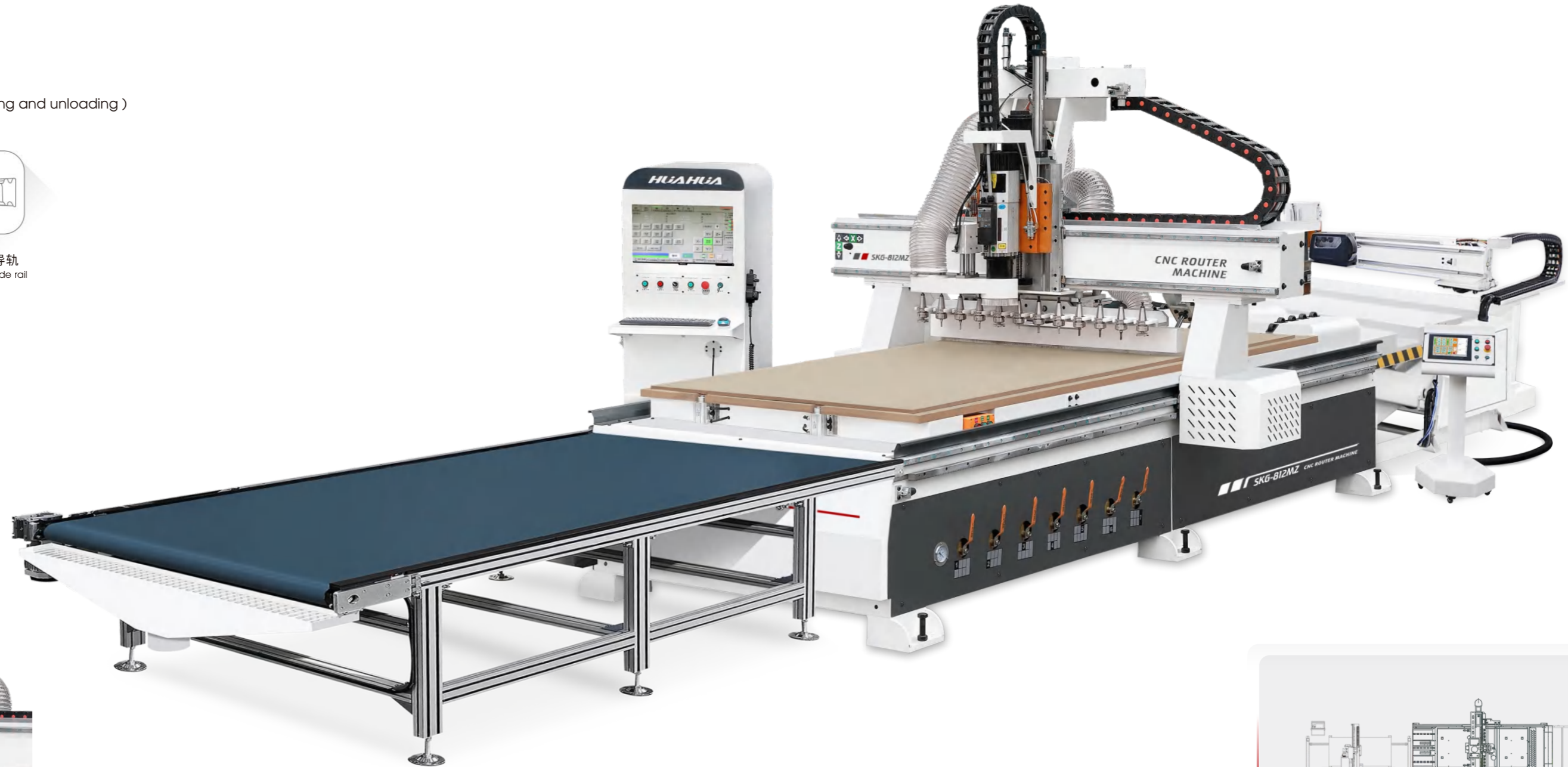
a.十二把直排刀库，每个功能一把刀，自动换刀无需等待

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

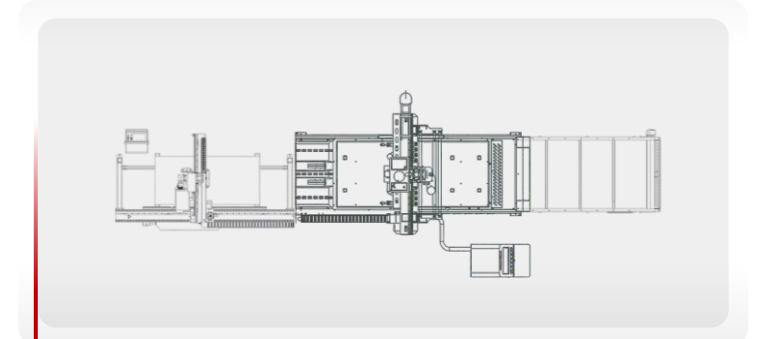


b.风冷主轴电机，配合刀库，无需等待换刀时间快速加工，效率更高

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



工艺流程解析  
Process analysis



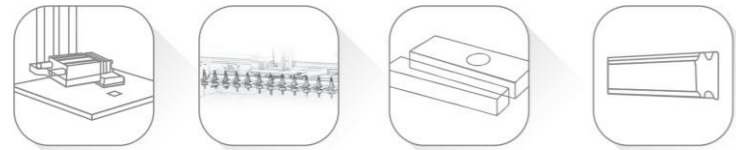
平面布局图 Layout Plan



# SKG-812MA <sup>CNC</sup>

## 双工位数控开料机(直排刀库)

Double worktable CNC router machine ( Linear type tool magazine )



a.自动贴标 Automatic labeling  
b.直排刀库 Linear type tool magazine  
c.柔性开料 Flexible cutting  
d.精密导轨 Precision guide rail

### 自主研发拆单软件

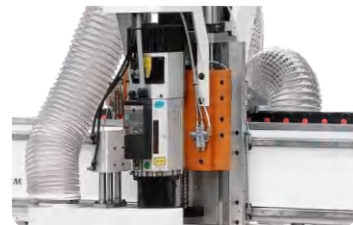
### 无缝对接市面上常用的多种软件

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

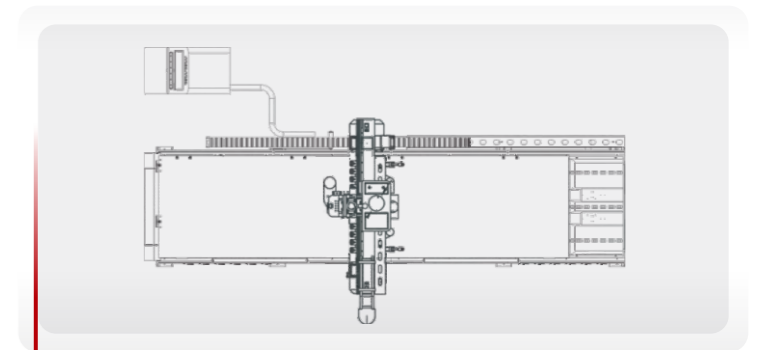


b.风冷主轴电机，配合刀库，无需等待换刀时间快速加工，效率更高

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



工艺流程解析  
Process analysis



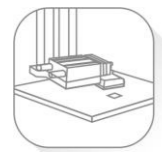
平面布局图 Layout Plan



# SKG-604Z <sup>CNC</sup>

## 数控开料机 (上下料)

CNC router machine ( Auto loading and unloading )



a.自动贴标  
Automatic labeling



b.红外线感应  
Infrared sensing



c.柔性开料  
Flexible cutting



d.真空吸附  
Vacuum adsorption



工艺流程解析  
Process analysis

### 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



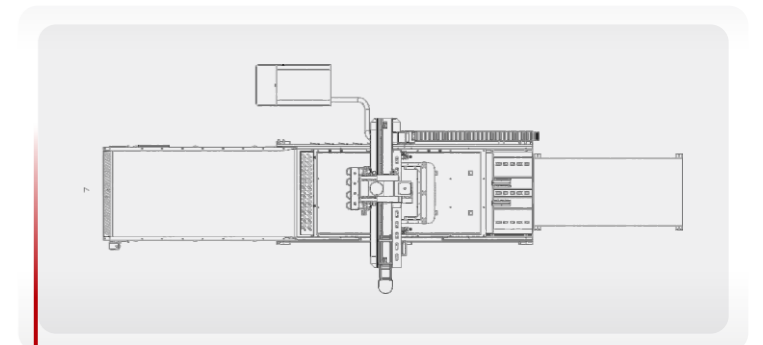
a.四主轴可用作开槽、铣型、垂直钻孔、钻铣等工艺

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



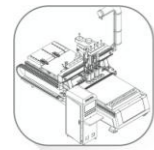
# SKG-604A <sup>CNC</sup>

## 数控开料机 (双工位)

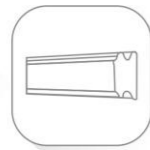
CNC router machine ( Double worktable )



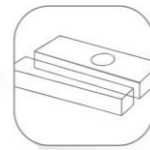
工艺流程解析  
Process analysis



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



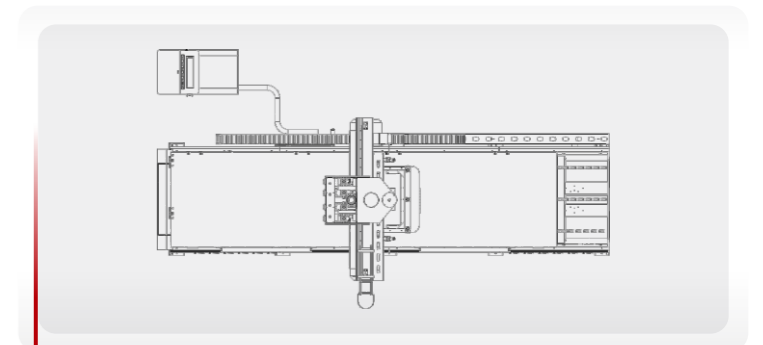
a.四主轴可用作开槽、铣型、  
垂直钻孔、钻铣等工艺

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



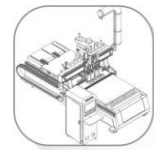
平面布局图 Layout Plan



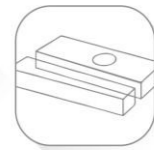
# SKG-604H <sup>CNC</sup>

## 数控开料机(四主轴)

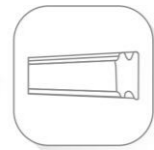
CNC router machine ( Four spindle routers )



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

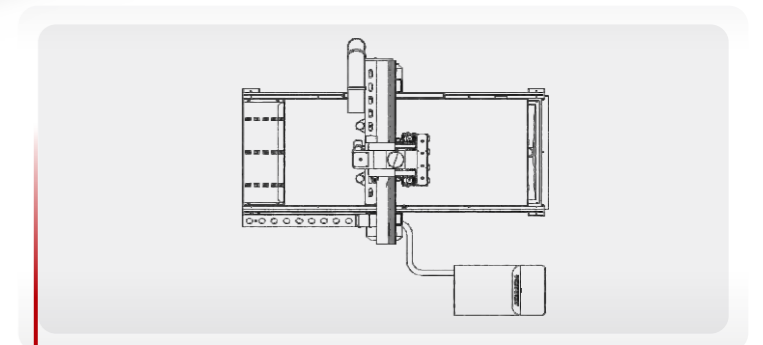


b.齿轮齿条采用防尘结构设计，机器操作简单，高效开料

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-604HZ <sup>CNC</sup>

## 数控开料机 (上下料)

CNC router machine ( Auto loading and unloading )



a. 四主轴  
Four spindle routers



b. 红外线感应  
Infrared sensing



c. 柔性开料  
Flexible cutting



d. 真空吸附  
Vacuum adsorption



工艺流程解析  
Process analysis

### 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



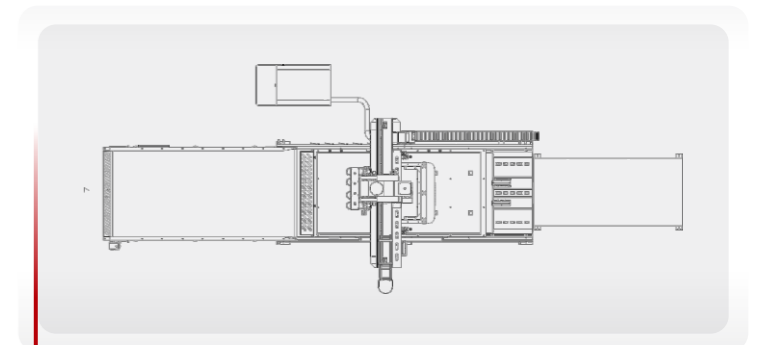
a. 四主轴可用作开槽、铣型、垂直钻孔、钻铣等工艺

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



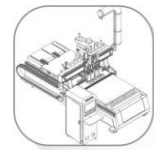
平面布局图 Layout Plan



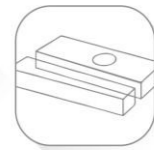
# SKG-604HA <sup>CNC</sup>

## 数控开料机(四主轴)

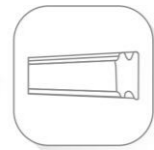
CNC router machine ( Four spindle routers )



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

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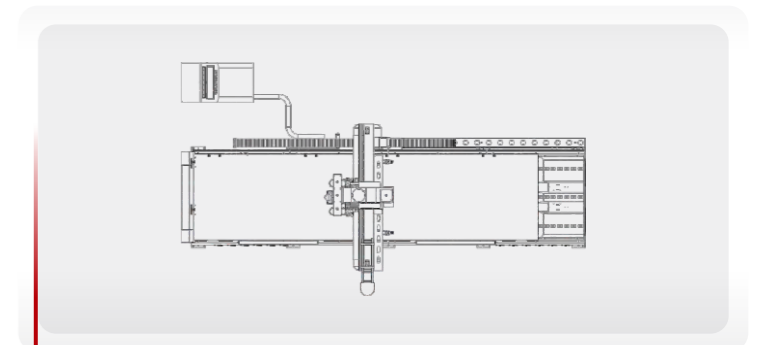


b.齿轮齿条采用防尘结构设计，机器操作简单，高效开料

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



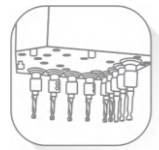
平面布局图 Layout Plan



# SKG-802V <sup>CNC</sup>

## 数控开料机 (双轴带钻包)

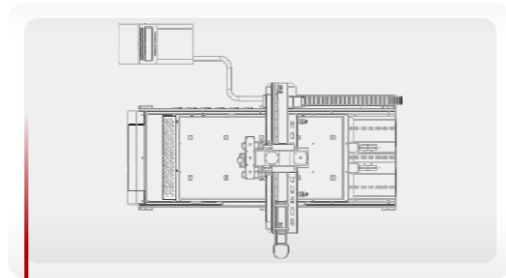
CNC router machine ( two spindles with drilling box )



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



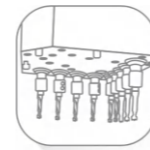
工艺流程解析  
Process analysis



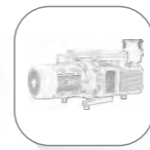
# SKG-802VA <sup>CNC</sup>

## 数控开料机 (双轴双工位带钻包)

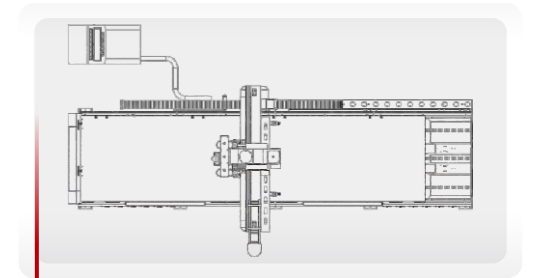
CNC router machine ( two spindles, double worktable with drilling box )



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



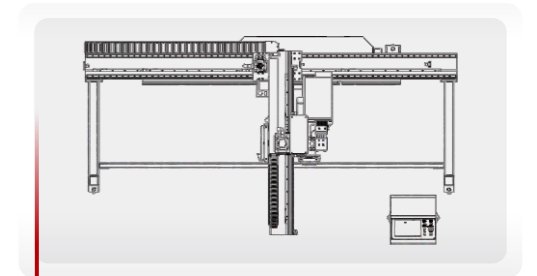
a.自动贴标装置，智能检查板材宽度  
操作更具人性化

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

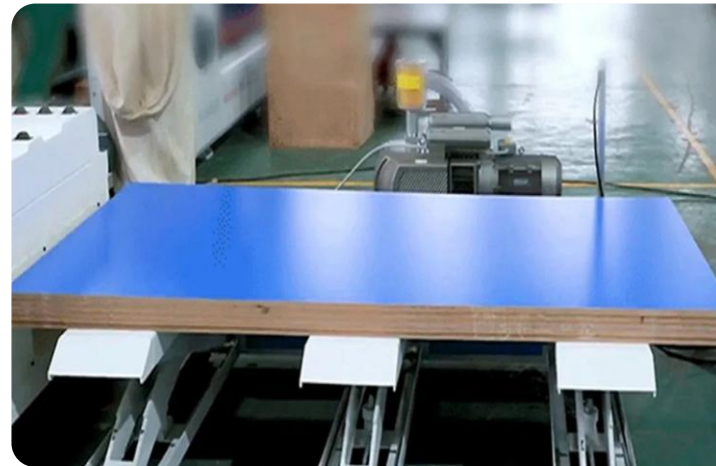


工艺流程解析  
Process analysis

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

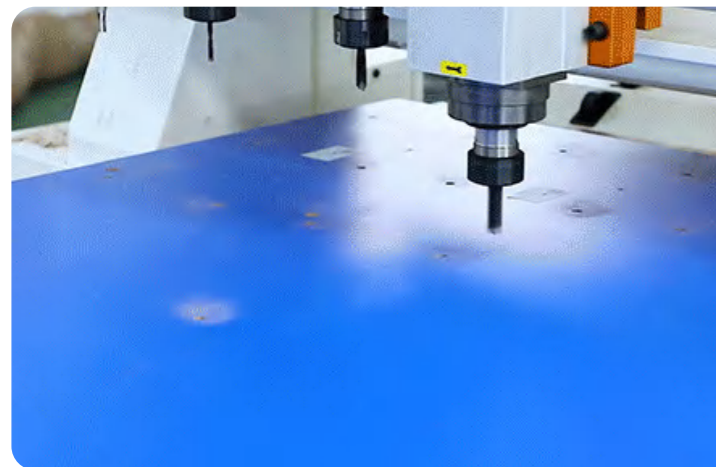


自动送料

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

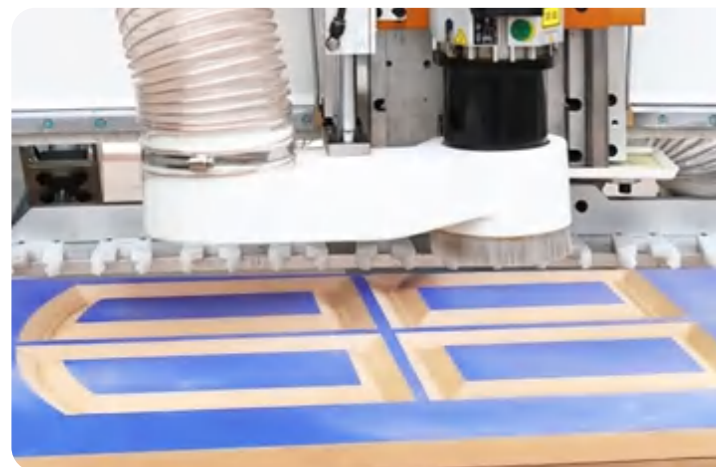


平面钻孔

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

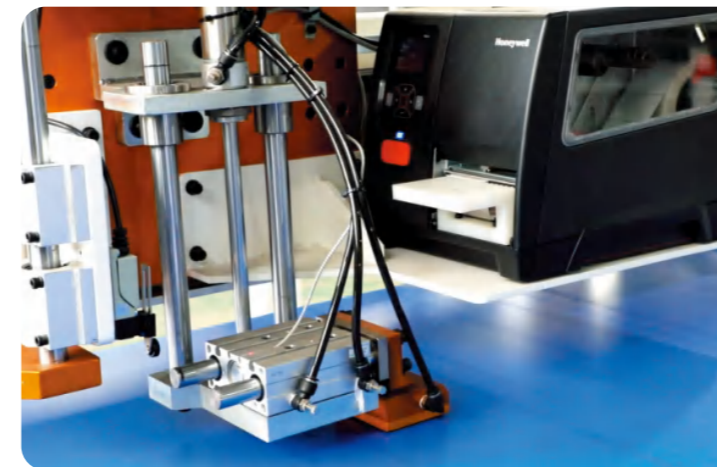


自动换刀

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

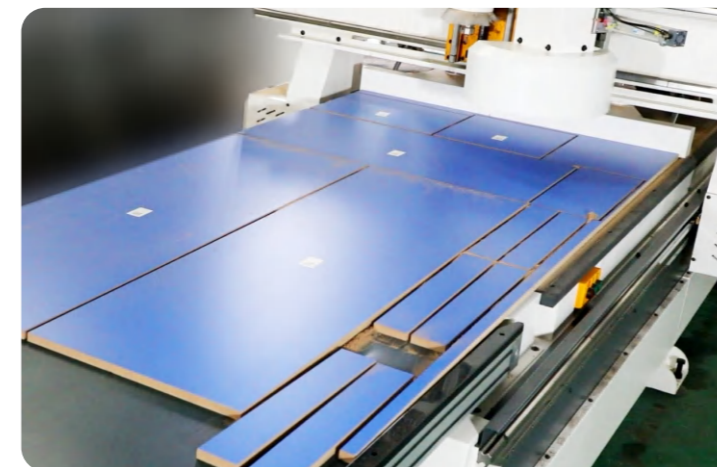


自动贴标

通过式完成贴标和开料工序，贴标开料不间断

Automatic labeling

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



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

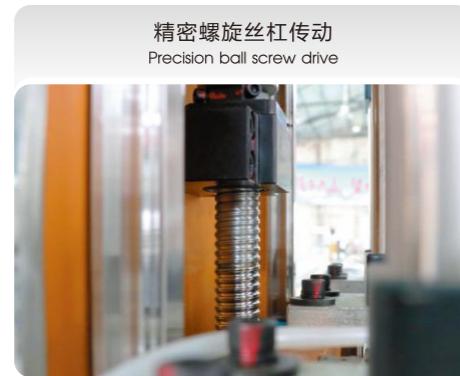




彩屏控制显示  
Color screen control display

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

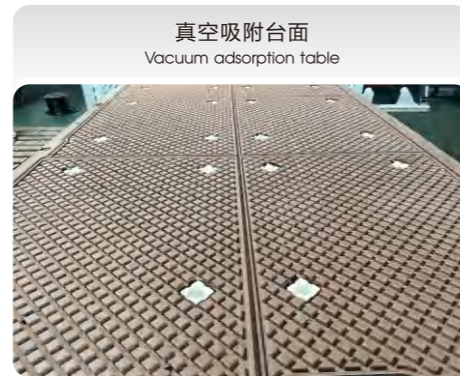
Use colorful screen control display, support keyboard, the operation is safe and reliable, with simple and friendly interface and complete operation accuracy



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



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

保证了板材加工时的定位精度，精准开料

Ensure the positioning accuracy and precise cutting during sheet metal processing



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-812	SKG-812Z	SKG-812H	SKG-812HZ
机器尺寸	Machine size	4164*3340*2901mm	4164*3340*2901mm	4164*3340*2901mm	4164*3340*2901mm
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	1	1
主轴功率	Spindle power	12kw*1 24000rpm	12kw*1 24000rpm	12kw*1 24000rpm	12kw*1 24000rpm
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	24.25kw	23.5kw	23.5kw

	SKG-812HA	SKG-812M	SKG-812MZ	SKG-812MA	SKG-604Z	SKG-604A
	6945*3340*2901mm	3701*3340*2816mm	3701*3340*2816mm	6551*3340*2816mm	4164*3340*2901mm	6945*3340*2901mm
	2800*1300mm+2800*1300mm	2800*1300mm	2800*1300mm	2800*1300mm+2800*1300mm	2800*1300mm	2800*1300mm+2800*1300mm
	80m/min	80m/min	80m/min	80m/min	80m/min	80m/min
	80m/min	80m/min	80m/min	80m/min	80m/min	80m/min
	20m/min	20m/min	20m/min	20m/min	20m/min	20m/min
	1	1	1	1	4	4
	12kw*1 24000rpm	9kw*1	9kw*1	9kw*1	6kw*4 18000rpm	6kw*4 18000rpm
	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)	7.5kw(7.8kw选配 Option)	7.5kw(7.8kw选配 Option)
	250m³/h(400m³/h)	250m³/h(400m³/h)	250m³/h(400m³/h)	250m³/h(400m³/h)	250m³/h(400m³/h)	250m³/h(400m³/h)
	23.5kw	23.5kw	23.5kw	23.5kw	35.5kw	35.5kw

	SKG-604H	SKG-604HZ	SKG-604HA	SKG-802V	SKG-802VA
	3701*3340*2816mm	3701*3340*2816mm	6551*3340*2816mm	4164*3340*2901mm	6945*3340*2901mm
	2800*1300mm	2800*1300mm	2800*1300mm+2800*1300mm	2800*1300mm	2800*1300mm+2800*1300mm
	80m/min	80m/min	80m/min	80m/min	80m/min
	80m/min	80m/min	80m/min	80m/min	80m/min
	20m/min	20m/min	20m/min	20m/min	20m/min
	4	4	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
	6kw*4	6kw*4	6kw*4	6kw*2 18000rpm+2.2kw	6kw*2 18000rpm+2.2kw
	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)	7.5kw(7.8kw选配 Option)
	250m³/h(400m³/h)	250m³/h(400m³/h)	250m³/h(400m³/h)	250m³/h(400m³/h)	250m³/h(400m³/h)
	35.5kw	35.5kw	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

Cutsomized production, mass production, high speed cutting, high efficiency





# HP3318 **SAW**

## 数控纵横锯

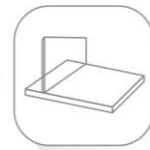
Computer angular saw



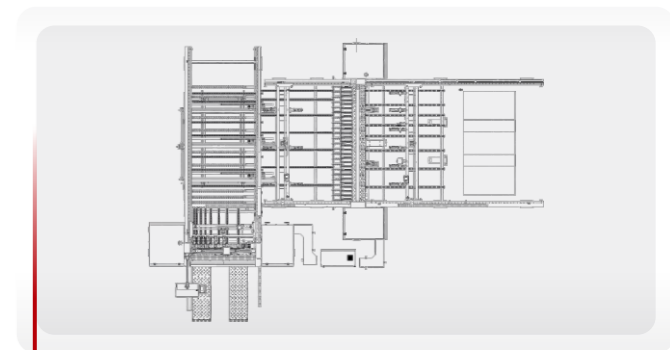
a. 纵横开料  
Vertical and horizontal cutting



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 pcs cutting or multiple pcs cutting, high efficiency



工艺流程解析  
Process analysis



# HP330CL <sup>SAW</sup>

## 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



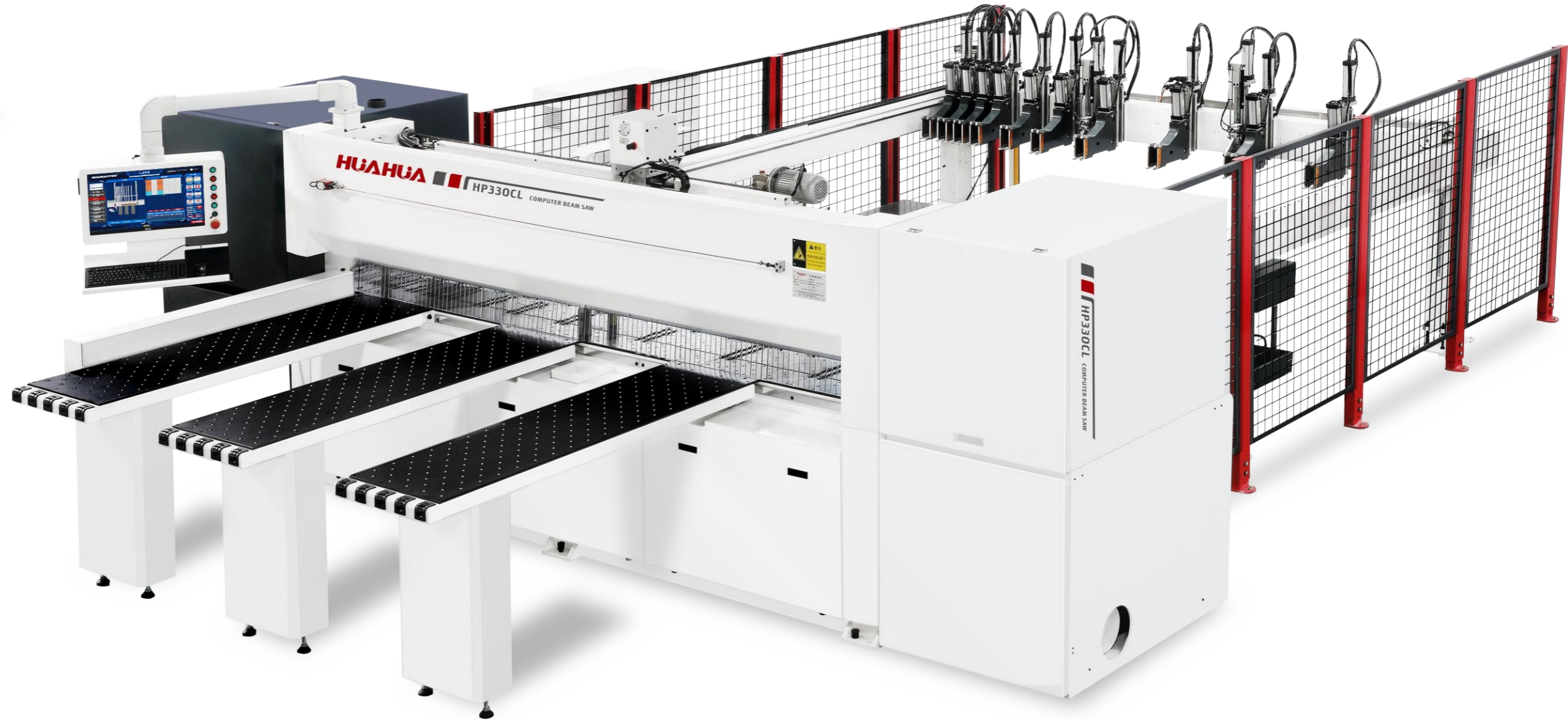
b. 双指夹料  
Two-finger clamp



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



# HP380CL <sup>SAW</sup>

## 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



# HP280 <sup>SAW</sup>

## 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

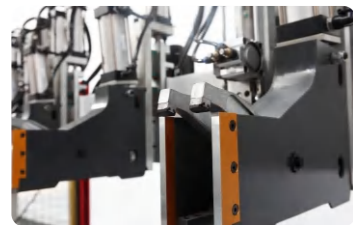


锯车速度0-120米/分

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

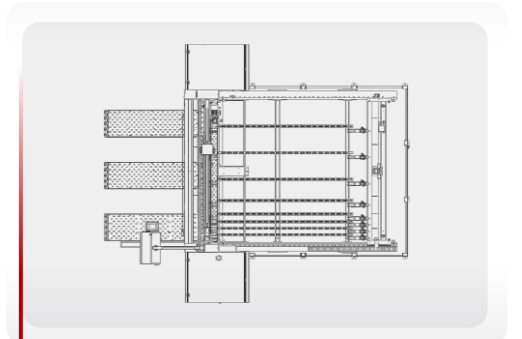


b. 根据板材厚度，自动定位锯切行程，  
减少空跑时间，锯座速度120m/min

b. According to the thickness of the panel,  
the sawing stroke can be automatically  
positioned to reduce the idling time, and  
the speed of the saw seat is 120m/min.



工艺流程解析  
Process analysis



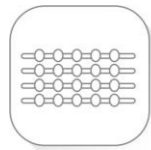
平面布局图 Layout Plan



# HP330 SAW

## 高速智能电脑裁板锯

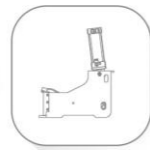
High speed intelligent computer beam saw



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

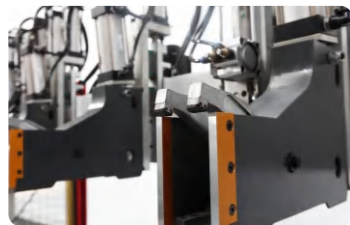


d. 优化排版  
Optimization



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

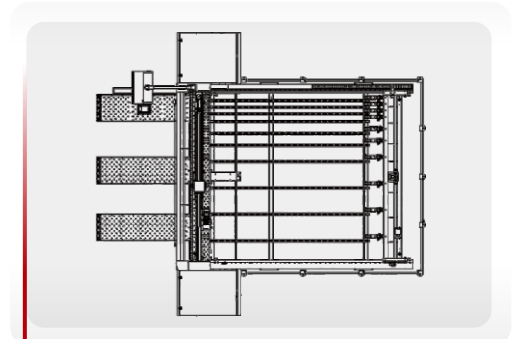


b. 可前后、上下调节副锯，方便工作人员更好调整锯片

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



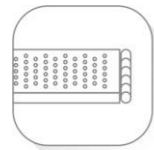
# HP380 <sup>SAW</sup>

## 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



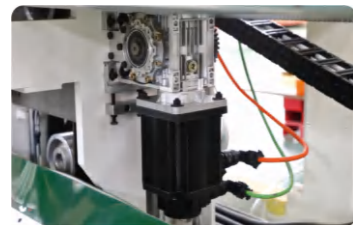
锯车速度0-120米/分  
板材锯切厚度可达120MM

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



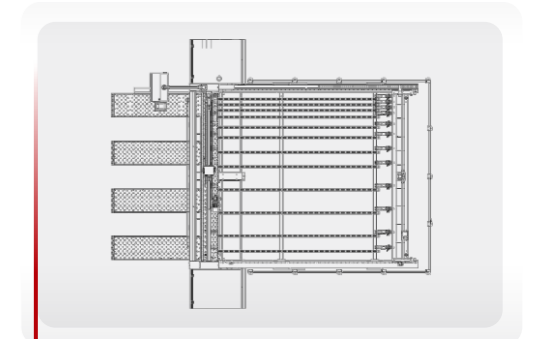
a. 工作台进料采用气动浮珠台面  
保护板材表面，防止板材刮花

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 <sup>SAW</sup>

## 高速智能电脑裁板锯

High speed intelligent computer beam saw



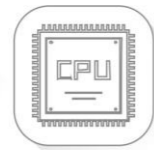
a. 优化排版  
Optimization



b. 双指夹料  
Two-finger clamp



c. 故障自检  
Fault self-test



d. 高速处理  
high-speed processing



锯车变频调速0-100米/分  
板材锯切厚度可达100MM

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



a. HHM控制软件，可编辑管理锯切方案，模拟和执行锯切

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

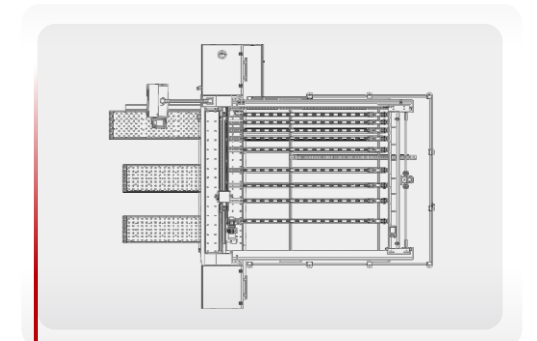


b. 采用灵活的裹胶双指结构，小板件夹板送料更稳定

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



工艺流程解析  
Process analysis



平面布局图 Layout Plan







# NP330FGC <sup>SAW</sup>

## 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



锯车变频调速0-100米/分  
板材锯切厚度可达100MM

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



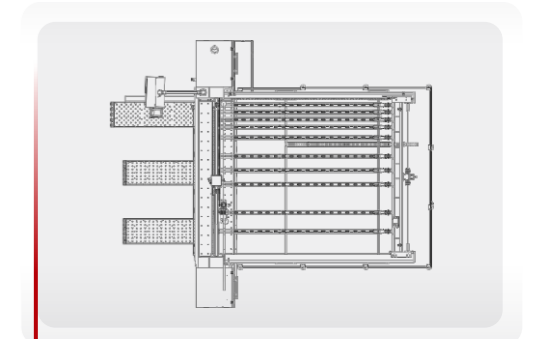
a. 自动打下防尘挡板，防止锯切过程中所产生的边料和尘屑

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

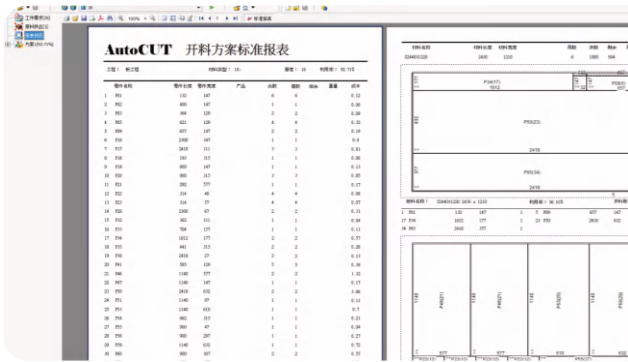
b. Using Taiwan Hiwin precision guide rail, Automatic lubrication, no need to add oil manually



平面布局图 Layout Plan



工艺流程解析 Process analysis

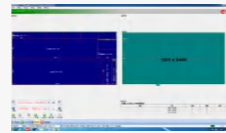


优化排版

对接料单，合理自动排版

Optimization cutting plan

Docking with cutting list, generate cutting solution automatically

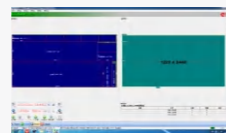


人工上料

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

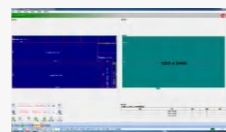


夹紧送料

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

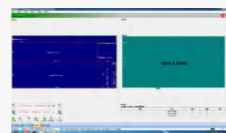


自动侧靠

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

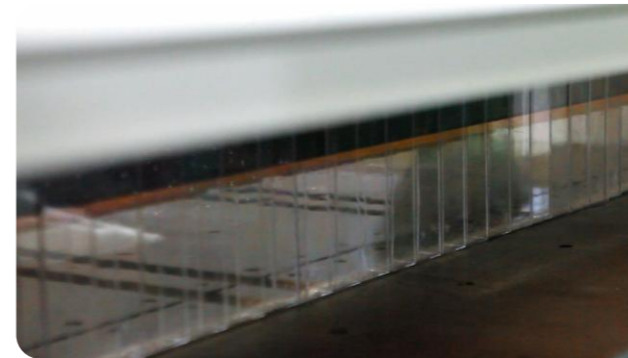
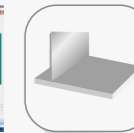
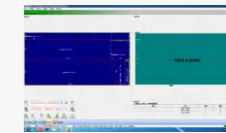


自动压料

压梁自动平整压住材料

Automatic press panel

Press beam automatic press panel flatly

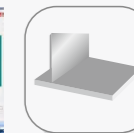
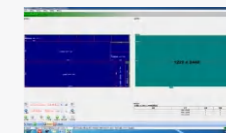


防尘挡板

防止边料和灰尘向外飞溅

Dust proof baffle

Prevent offcut and dust splashing outside

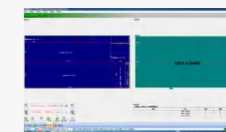


精密锯切

高速有效地锯切板材

Precision cutting

Efficient and high speed cutting

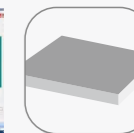
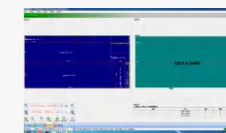


自动出料

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/HP380CL	HP280/HP330	HP380	NP280/330FGC
纵切长度	Max. cutting length	3300mm	3300mm / 3800mm	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 <sup>2</sup>	5-7kg/cm <sup>2</sup>	5-7kg/cm <sup>2</sup>	5-7kg/cm <sup>2</sup>	5-7kg/cm <sup>2</sup>
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 6612*8321*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 / 4	3	4	3





## 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





# HH-2506R <sup>EDGE</sup>

## 双端直线封边机

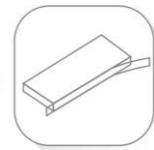
Double-side edge banding machine



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. 跟踪修边  
Corner rounding



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



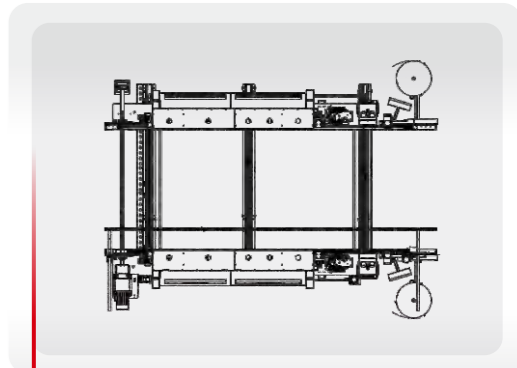
a. 同步输送装置，标准化封边流程  
柔性化封边更省事更灵活

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-2505R <sup>EDGE</sup>

## 双端直线封边机

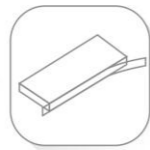
Double-side edge banding machine



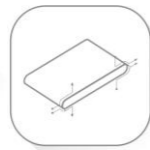
a. 同步输送  
Synchronous convey



b. 左右输送  
Left and right convey



c. 高效封边  
Efficient edge banding



d. 跟踪修边  
Corner rounding



左右连线封边完两边落地一次  
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only need transfer one time, more efficient



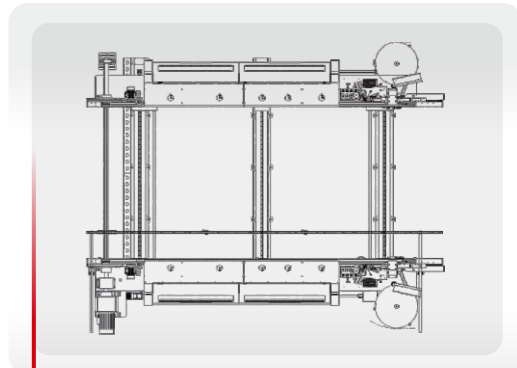
a. 同步输送装置，标准化封边流程  
柔性化封边更省事更灵活

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-608RLK-Laser150 EDGE

## 高速直线激光封边机 (可选配重型款)

High-speed linear laser edge banding machine (Heavy-duty is optional)

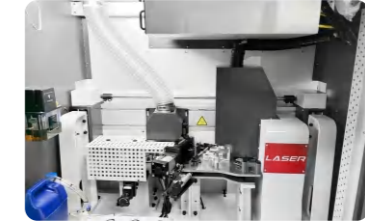


工艺流程解析  
Process analysis

激光封边、PUR装置和快速溶胶、完美匹配一键切换，操作灵活方便，降低成本，环保节能，一机多用。

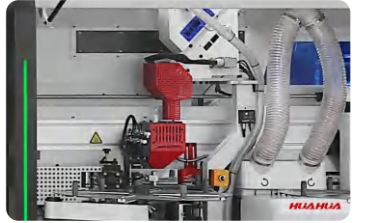


Laser edge banding, PUR device and Quick Melt, perfect matching of one-button switching, flexible and convenient operation Low cost, environmental protection and energy saving, one machine for multiple purposes.



a. 3KW激光发射器，可调矩形匀化光斑，利用激光冷胶活化，无需再替换胶水，免去溶胶时间。

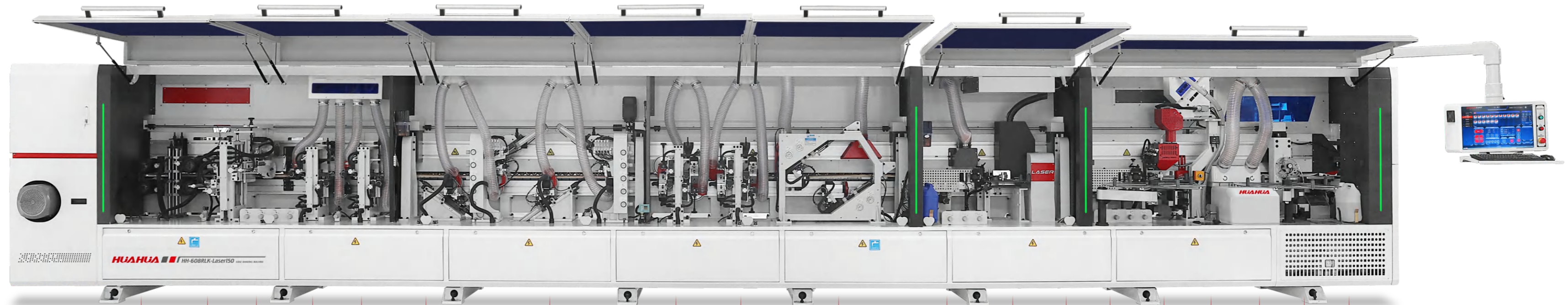
a. 3KW Laser transmitter, adjustable rectangular uniform spot, activated by laser cold glue, no need to replace the glue and save the melt time.



b. 快速溶胶 + PUR胶锅 最快仅需15分钟即可开机工作，批量生产时不用等胶水溶化。

b. Quick melt+PUR glue pot. It only takes 15 minutes to start working at the fastest, and there is no need to wait for the glue to melt during mass production.

-   
 a. 激光发射器  
Laser transmitter
-   
 b. 快速溶胶  
Quick melt
-   
 c. 双精修装置  
Double fine trimming
-   
 d. 双轨齐头  
Double rails end cutting
-   
 e. 固腊抛光  
Solid wax buffing



-   
 气动双抛光  
Pneumatic double buffing
-   
 清洗  
Cleaning
-   
 固腊抛光  
Solid wax buffing
-   
 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
-   
 双轨齐头  
Double rails end cutting
-   
 贴边2  
Pressing 2
-   
 激光发射器  
Laser transmitter
-   
 贴边1  
Pressing 1
-   
 PUR涂胶  
PUR glue
-   
 快速溶胶  
Quick melt
-   
 烤灯  
Heating lamp
-   
 预铣  
Pre-milling
-   
 分离  
Releasing
-   
 自动润滑  
automatic lubrication



# HH-706RLK-Laser150

EDGE

## 双胶锅直线激光封边机

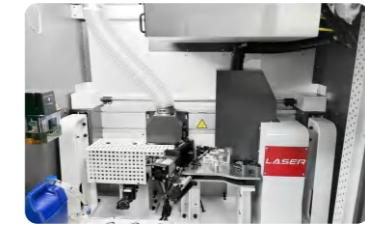
Double glue pot linear laser edge banding machine



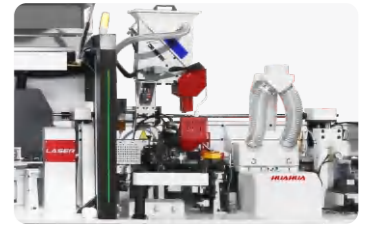
工艺流程解析  
Process analysis

激光封边、PUR装置和快速溶胶、完美匹配一键切换，操作灵活方便，降低成本，环保节能，一机多用。

Laser edge banding, PUR device and Quick Melt, perfect matching of one-button switching, flexible and convenient operation Low cost, environmental protection and energy saving, one machine for multiple purposes.





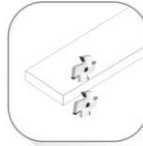
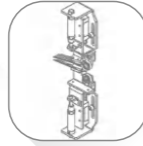
a. 2KW激光发射器，可调矩形匀化光斑，利用激光冷胶活化，无需再替换胶水，免去溶胶时间。

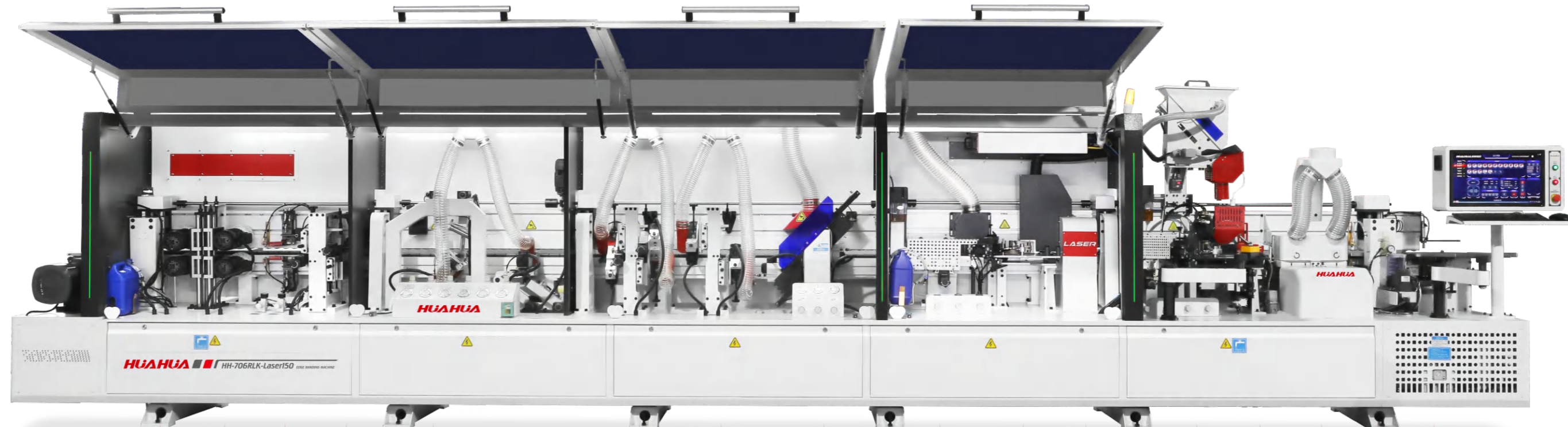


b. 快速溶胶 +PUR胶锅 最快仅需15分钟即可开机工作，批量生产时不用等胶水溶化。

a. 2KW Laser transmitter, adjustable rectangular uniform spot, activated by laser cold glue, no need to replace the glue and save the melt time.

b. Quick melt+PUR glue pot. It only takes 15 minutes to start working at the fastest, and there is no need to wait for the glue to melt during mass production.

-   
 a. 激光发射器  
Laser transmitter
-   
 b. 快速溶胶  
Quick melt
-   
 c. 双精修装置  
Double fine trimming
-   
 d. 柔性平刮  
Flexible flat scraping



-   
 双抛光  
Double buffing
-   
 清洗  
Cleaning
-   
 柔性平刮  
Flexible flat scraping
-   
 刮边  
Scraping
-   
 仿形跟踪  
corner Rounding
-   
 精修  
Fine trimming
-   
 粗修  
Rough trimming
-   
 前后齐头  
End cutting
-   
 贴边2  
Pressing 2
-   
 激光发射器  
Laser transmitter
-   
 贴边1  
Pressing 1
-   
 PUR涂胶  
PUR glue
-   
 快速溶胶  
Quick melt
-   
 烤灯  
Heating lamp
-   
 预铣  
Pre-milling
-   
 分离  
Releasing
-   
 自动润滑  
automatic lubrication



# HH-806RLK EDGE

## 双胶锅直线封边机

Double PUR glue pots linear edge banding machine

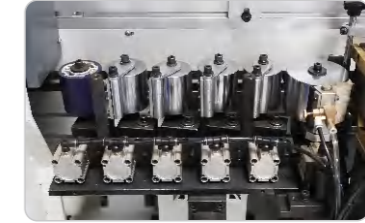


工艺流程解析  
Process analysis

双PUR胶锅双快速溶胶、上下胶锅满足深浅双色封边，可自由切换，带锁胶功能，定向抽尘，操作灵活方便。



Double PUR glue pots, double quick melt, upper and lower glue pots meet the requirements of double-color edge banding, which can be switched freely, with glue locking function, directional dust extraction, flexible and convenient operation.



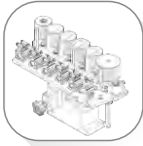

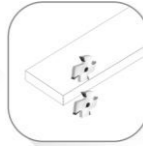
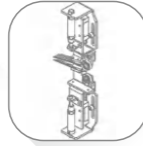
a. 偏摆压贴装置，通过压贴轮的转动对于贴带进行挤压，从而使得贴带被压紧，防止贴带松散。

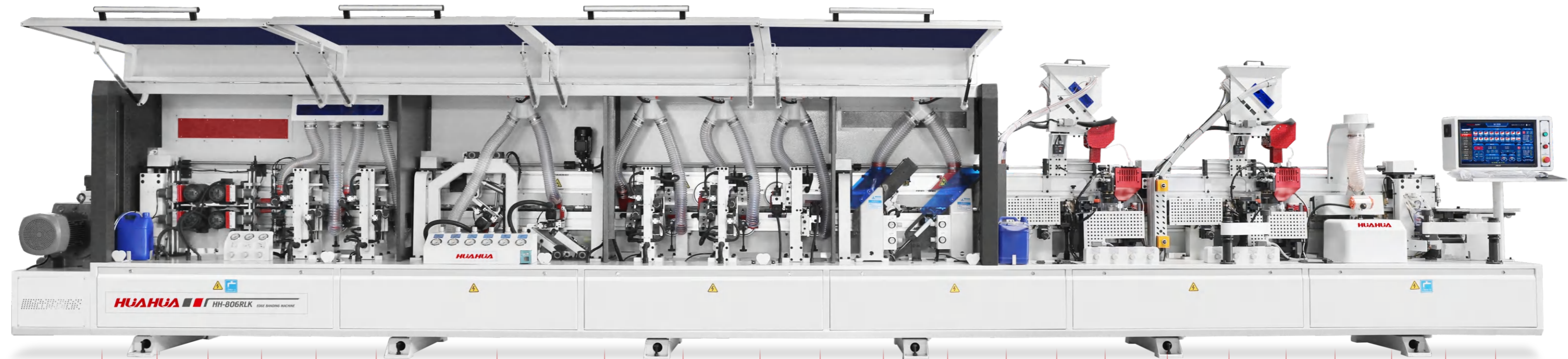
a. Yaw pressing device compresses the adhesive tape through the rotation of the pressing wheel, so that the tape is compressed to prevent it from loosening.











b. 双轨齐头装置，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。

b. Double rails end cutting trims the edge banding that protrude from the front end and rear end of the panel so that they are flush with the front and rear ends of the panel.

-   
 a. 偏摆压贴  
Yaw pressing device
-   
 b. 快速溶胶  
Quick melt
-   
 c. 三修边装置  
Three trimming
-   
 d. 柔性平刮  
Flexible flat scraping



-   
 电动抛光2  
Electric buffing 2
-   
 电动抛光1  
Electric buffing 1
-   
 清洗  
Cleaning
-   
 柔性平刮  
Flexible flat scraping
-   
 R2刮边  
R2 Scraping
-   
 R1.5刮边  
R1.5 Scraping
-   
 仿形跟踪  
corner Rounding
-   
 R2精修  
R2 fine trimming
-   
 R1.5精修  
R1.5 fine trimming
-   
 粗修  
Rough trimming
-   
 双轨齐头  
Double rails end cutting
-   
 偏摆压贴2  
Yaw pressing 2
-   
 伺服精准送带2  
Servo precision edge feeding 2
-   
 PUR涂胶  
PUR glue
-   
 快速溶胶  
Quick melt
-   
 烤灯  
Heating lamp
-   
 偏摆压贴1  
Yaw pressing 1
-   
 伺服精准送带1  
Servo precision edge feeding 1
-   
 PUR涂胶  
PUR glue
-   
 快速溶胶  
Quick melt
-   
 烤灯  
Heating lamp
-   
 预铣  
Pre-milling
-   
 分离  
Releasing



# 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

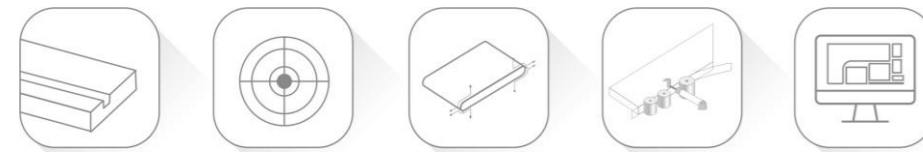


a.采用红外线测距  
为保证加工精度

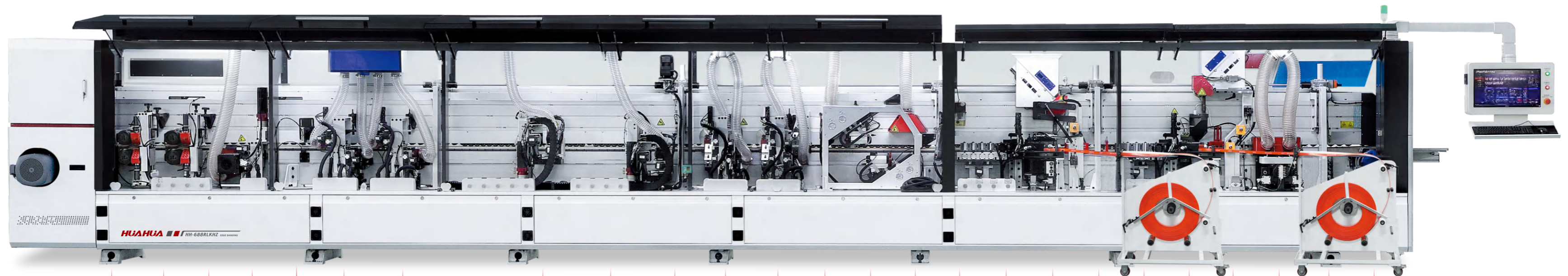
a. Using infrared ranging, in order to ensure the processing accuracy

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
- 烤灯  
Heating lamp
- 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
- 烤灯  
Heating lamp
- 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"

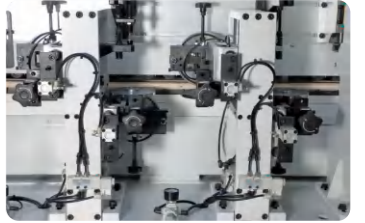


Heavy-duty integrated frame, steel structure guide rail  
Multi-function edge banding machines, saving time, labor cost




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

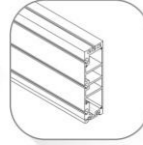


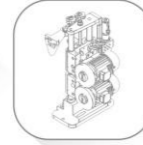
b.定向吹气排屑，减少封边带丝状物卡阻大小圆盘，增进封边效果


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

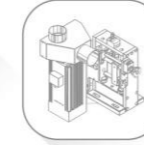
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a. 重型钢结构一体导轨  
Heavy-duty steel structure integrated rail
- 

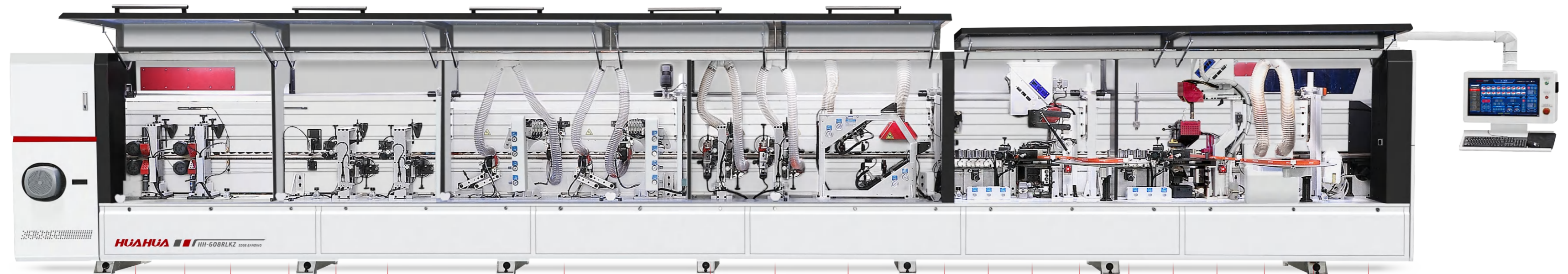
b. 涡轮蜗杆升降  
Turbine worm lifting
- 

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
- 

烤灯  
Heating lamp
- 

贴边1  
Pressing 1
- 

PUR涂胶  
PUR glue
- 

快速溶胶1  
Quick melt 1
- 

烤灯  
Heating lamp
- 

预铣  
Pre-milling
- 

分离  
Releasing



# HH-608RLK EDGE

## 高速直线封边机

High-speed linear edge banding machine

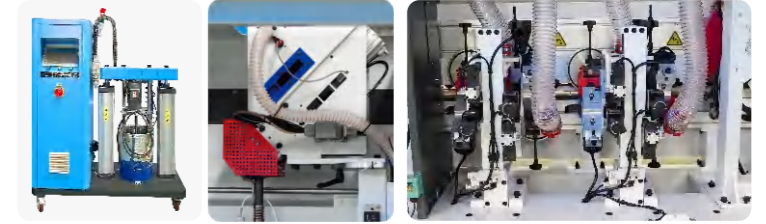


工艺流程解析  
Process analysis

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

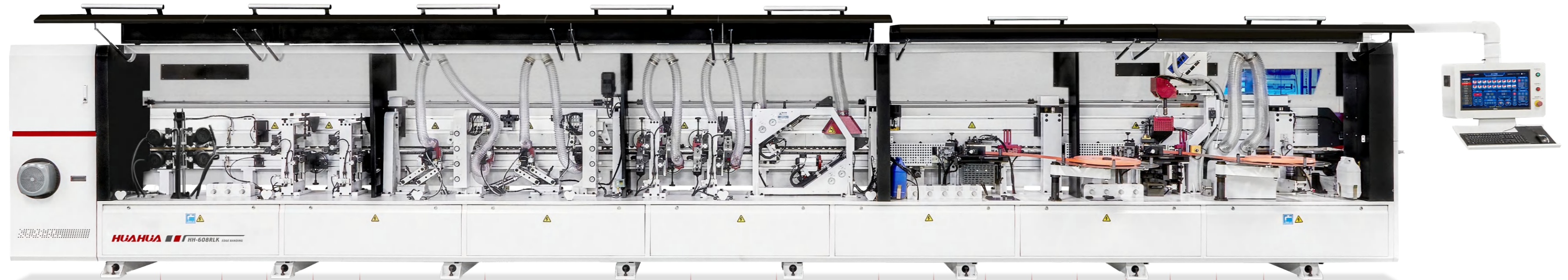
b. 加工板材封边条上下多余的封边材料，使其铣削的弧形更美观

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



气动双抛光  
Pneumatic double buffing  
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  
烤灯  
Heating lamp  
贴边1  
Pressing 1  
PUR涂胶  
PUR glue  
快速溶胶  
Quick melt  
烤灯  
Heating lamp  
预铣  
Pre-milling  
自动润滑  
automatic lubrication  
分离  
Releasing



# HH-586RLK(45) EDGE

## 双胶锅端头封边机

Narrow panel edge banding machine with double gluing pots

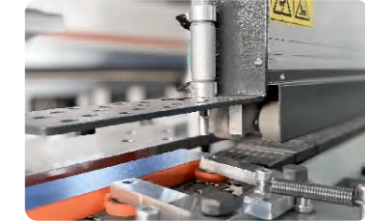


工艺流程解析  
Process analysis

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




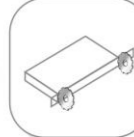
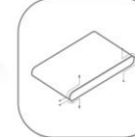

a. 小板辅助送料装置，最小可以完成端头板45\*200mm长窄边40\*300mm封边加工

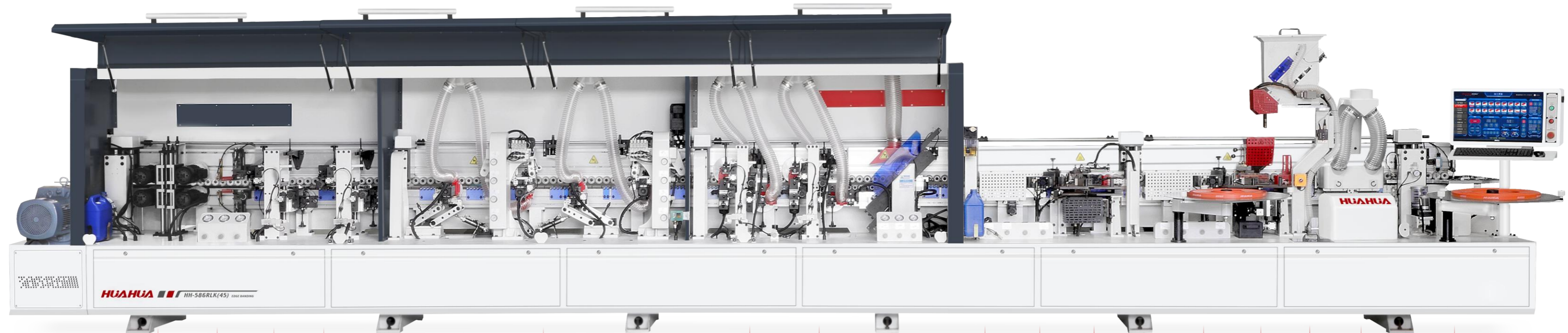
a. Small panel auxiliary feeding device, the minimum can be completed the narrow panel 45\*200mm long narrow side 40\*300mm edge processing



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



-   
 双抛光  
Double buffing
-   
 柔性平刮  
Flexible 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
-   
 烤灯  
Heating lamp
-   
 贴边1  
Pressing 1

-   
 PUR涂胶  
PUR glue
-   
 快速溶胶  
Quick melt
-   
 烤灯  
Heating lamp
-   
 预铣  
Pre-milling
-   
 自动润滑  
automatic lubrication
-   
 分离  
Releasing



# HH-486RLK(45) EDGE

## 双胶锅端头封边机

Narrow panel edge banding machine with double gluing pots



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

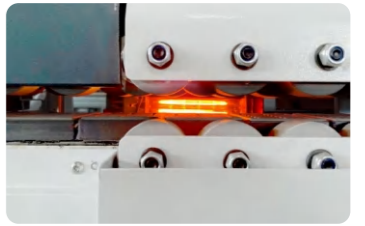


Narrow panel edge banding  
Upgrade high-end configuration, greatly improve the edge banding effect




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。

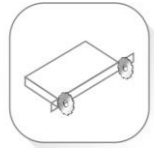
a. Small panel auxiliary feeding device, the minimum can be completed the narrow panel 45\*200mm, long narrow side 40\*300mm edge processing





b. 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，可以避免温差大导致脱胶问题。

b. After the Heating lamp preheats the edge of the plate, the gluing and edge sealing will be more tight, and the edge sealing belt will be pasted more firmly, which can avoid the degumming problem caused by large temperature difference.

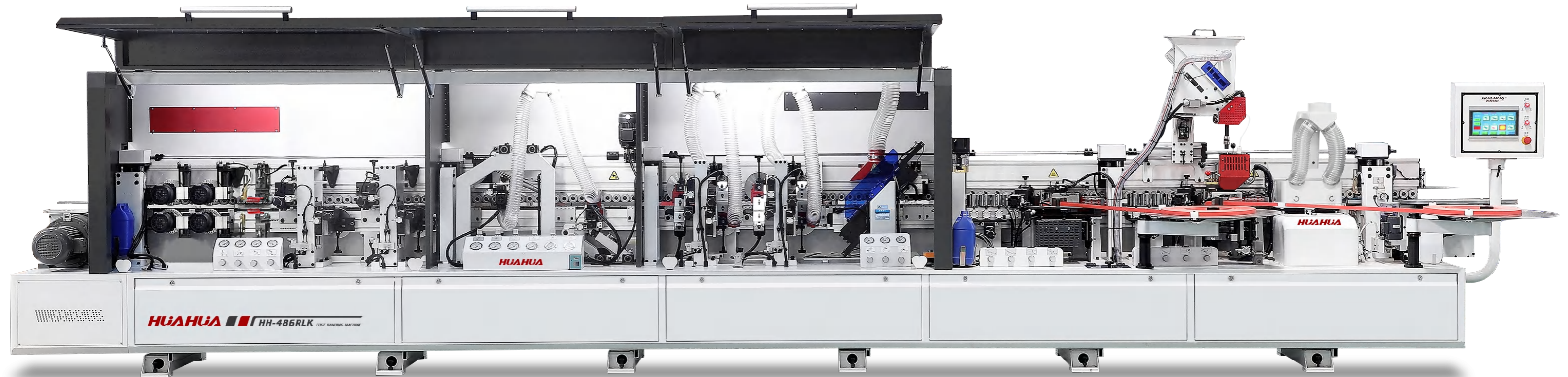
- 

a. 4+1压轮  
4+1 press wheels
- 

b. 前后齐头  
End cutting
- 

d. 跟踪修边  
Corner rounding
- 

d. 端头窄封边  
Narrow panel edge banding



抛光2  
Buffing 2

抛光1  
Buffing 1

柔性平刮  
Flexible flat scraping

R2刮边  
R2 Scraping

R1刮边  
R1 Scraping

跟踪修边  
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

烤灯  
Heating lamp

贴边1  
Pressing 1

PUR涂胶  
PUR glue

快速溶胶  
Quick melt

烤灯  
Heating lamp

预铣  
Pre-milling

自动润滑  
automatic lubrication

分离  
Releasing



# HH-556RLK EDGE

## 自动直线封边机

Automatic Linear Edge Banding Machine

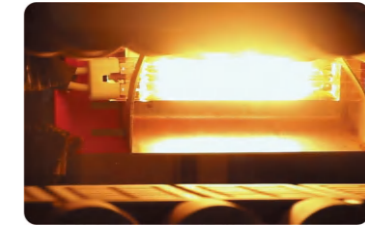


工艺流程解析  
Process analysis

多功能双PUR, 满足多种高定封边需求, 一机两用, 性价比为王

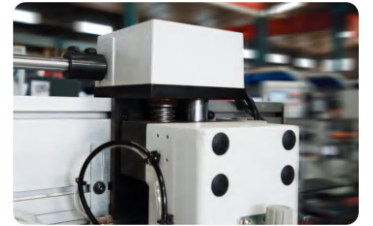


Multi functional double PUR, Meeting various high definition edge sealing needs, One machine for two purposes, value for money is king




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

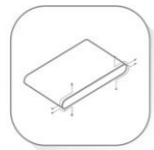



b. 上下升降自动定位, 一步到达指定压梁高度

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
- 

烤灯  
Heating lamp
- 

PUR涂胶1  
PUR glue 1
- 

快速溶胶2  
Quick melt 2
- 

快速溶胶1  
Quick melt 1
- 

烤灯  
Heating lamp
- 

预铣  
Pre-milling
- 

分离  
Releasing



# HH-509R EDGE

## 斜直一体封边机

Inclined and straight edge banding machine

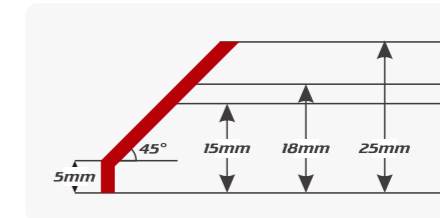


工艺流程解析  
Process analysis

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

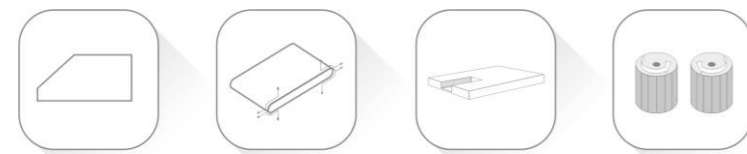


a. 斜边预铣角度可调，铣削刀把板边铣削成斜边，可调整倾斜角度，斜边一次成型

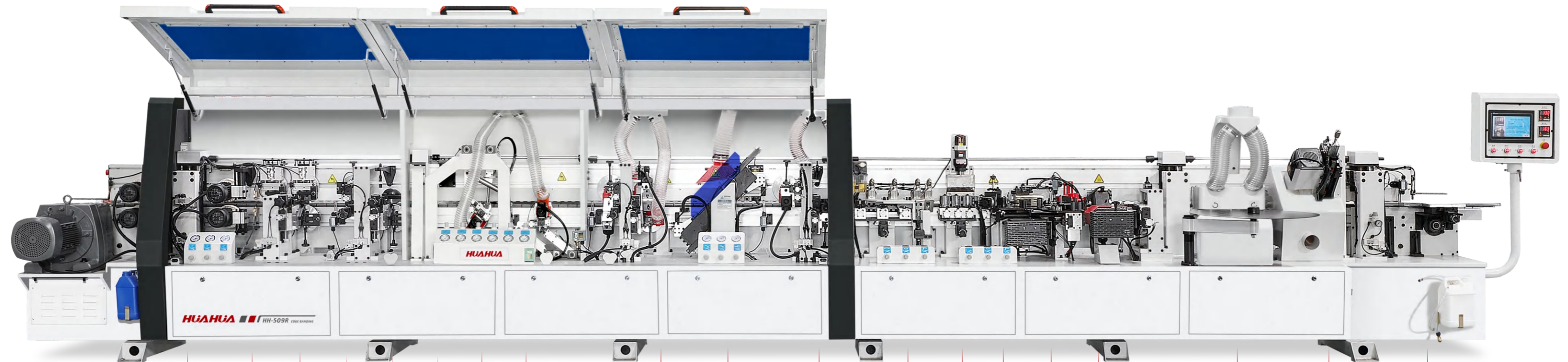
b. 把板材粘合的封边条4个边角铣削为R弧形

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”

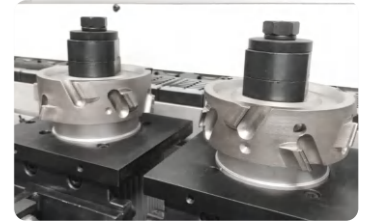


Efficient and stable, perfect edge banding  
Multi-function edge banding machines, saving time, labor cost





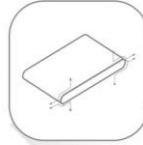

a.通过四个压贴轮进行加压，  
使板材和封边带贴合更加牢固

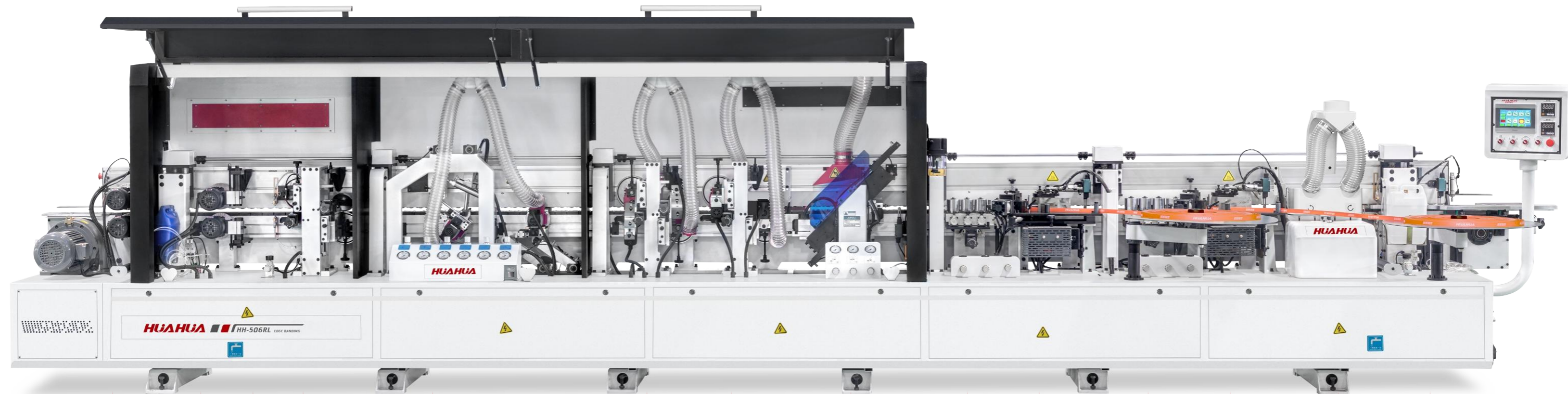
a. Pressurized by four pressing wheels to make panel and tape stick more firmly



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.双EVA 胶锅  
Double EVA glue pots
-   
 b. 预铣装置  
Pre-milling
-   
 c. 跟踪修边  
Corner rounding
-   
 d.双抛光装置  
Double buffing



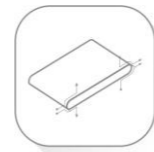
-   
 抛光2  
Buffing 2
-   
 抛光1  
Buffing 1
-   
 清洗  
Cleaning
-   
 刮边  
Scraping
-   
 跟踪修边  
Corner rounding
-   
 精修  
Fine trimming
-   
 粗修  
Rough trimming
-   
 前后齐头  
End cutting
-   
 贴边2  
Pressing 2
-   
 涂胶2  
glue 2
-   
 贴边1  
Pressing 1
-   
 涂胶1  
glue 1
-   
 预铣  
Pre-milling
-   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



# HH-506R EDGE

## 直线封边机

Straight edge banding machine



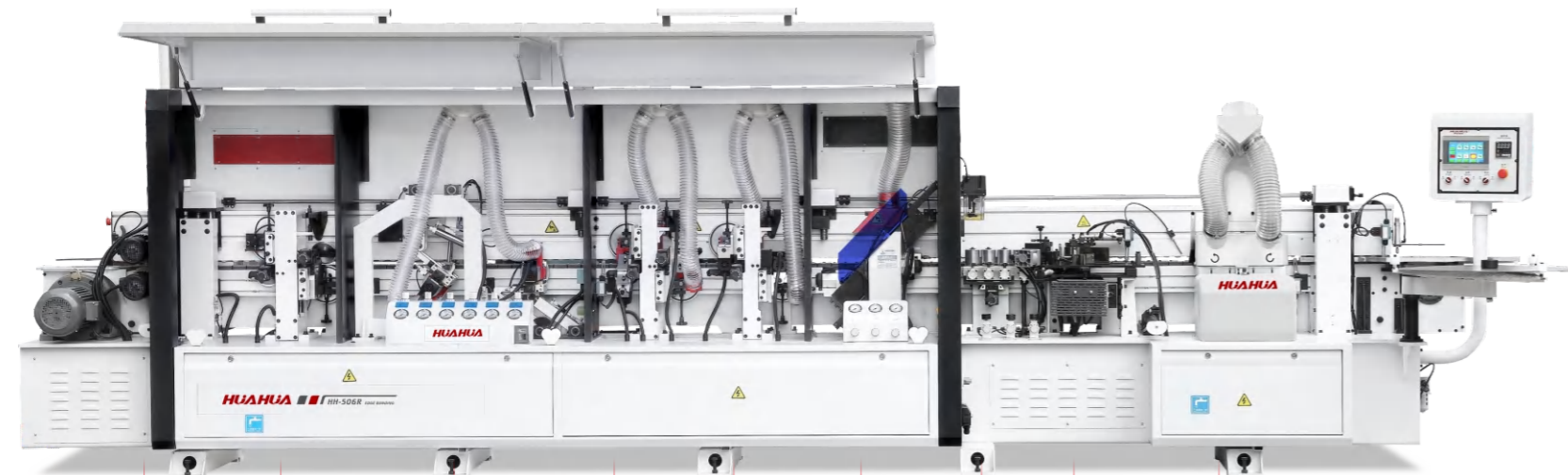
a. 跟踪修边  
Corner rounding



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

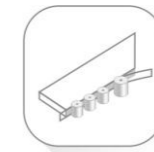


预铣  
Pre-milling

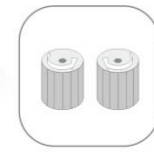
# HH-506 EDGE

## 直线封边机

Straight edge banding machine



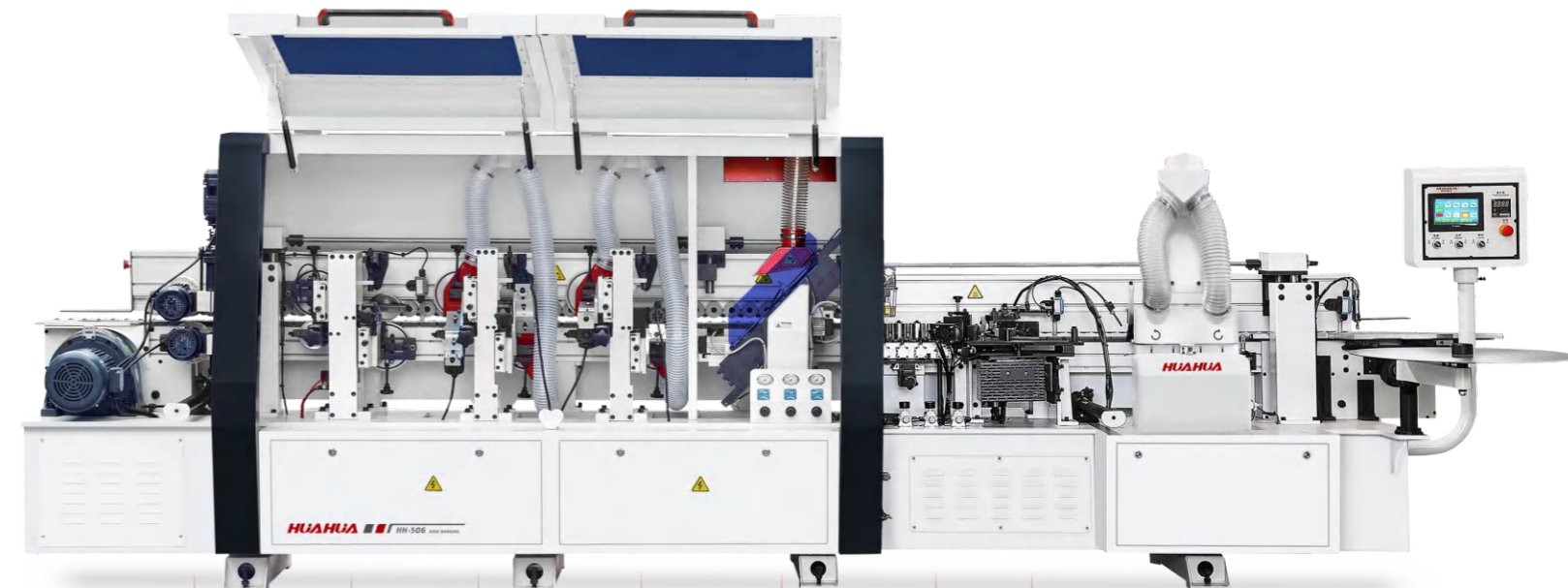
a. 四轮压贴  
Four-wheels pressing



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



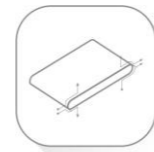
预铣  
Pre-milling



# 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



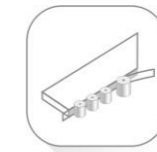
工艺流程解析  
Process analysis



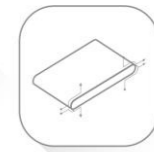
# HH-505R EDGE

## 直线封边机

Straight edge banding machine



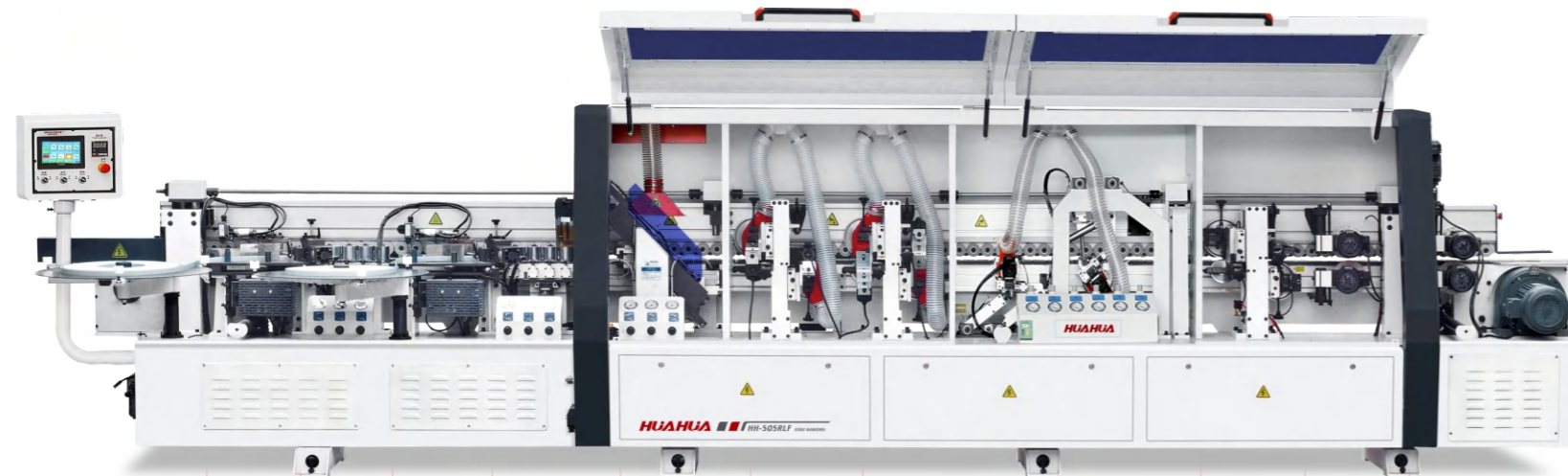
a.四轮压贴  
Four-wheels pressing



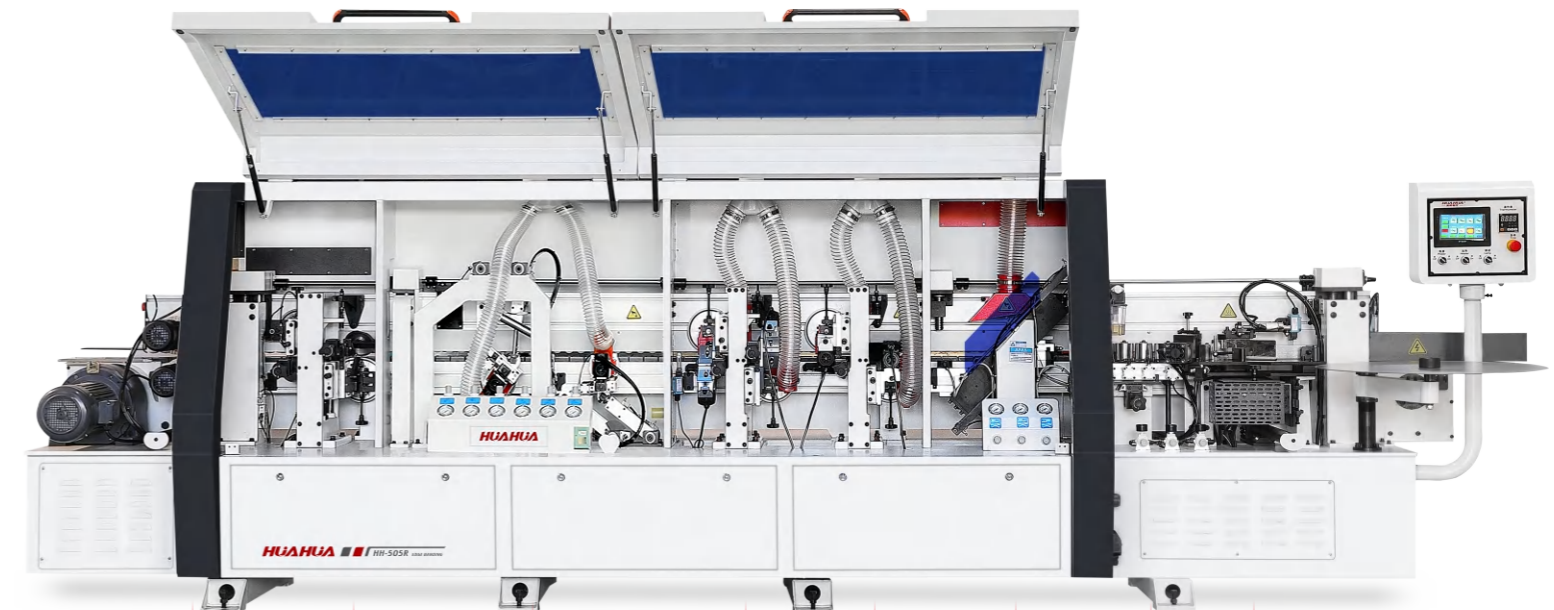
b.跟踪修边  
Corner rounding



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



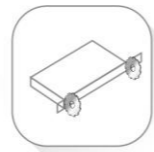
# HH-505 EDGE

## 直线封边机

Straight edge banding machine



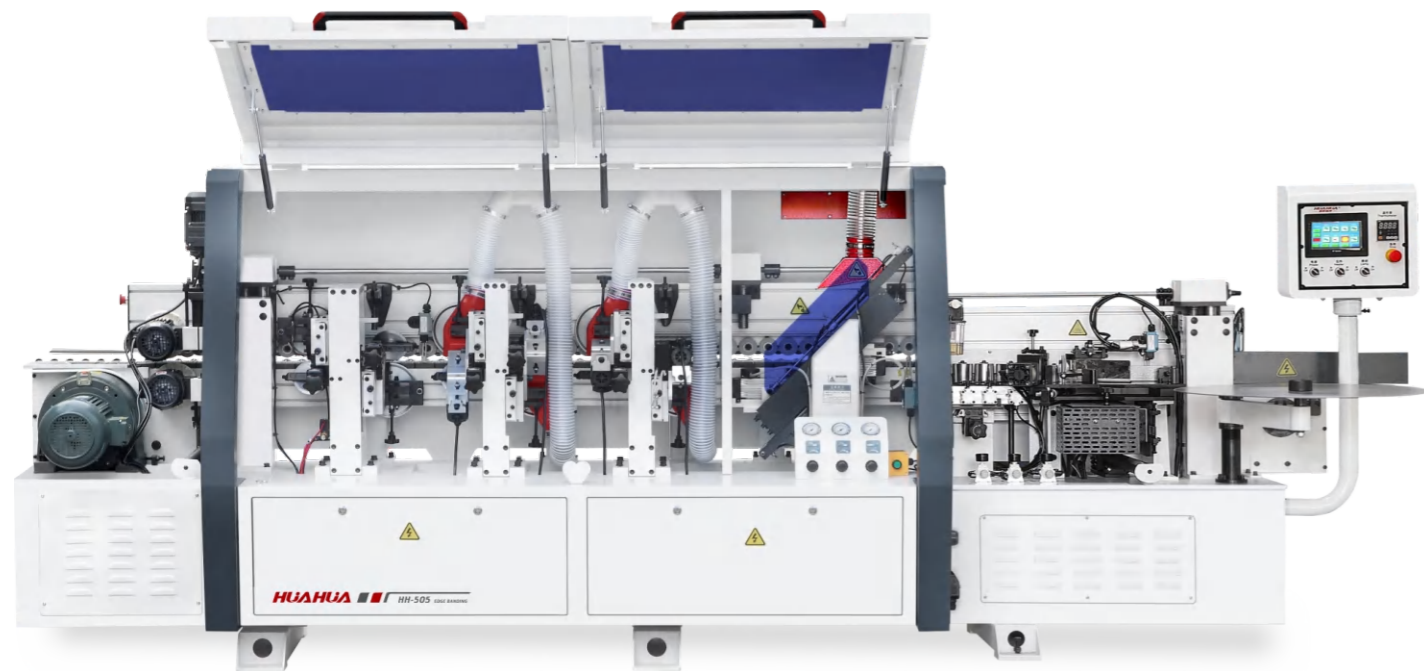
a. 四轮压贴  
Four-wheels pressing



b. 前后齐头  
End cutting



工艺流程解析  
Process analysis



抛光  
Buffing



刮边  
Scraping



精修  
Fine trimming



粗修  
Rough trimming



前后齐头  
End cutting



贴边  
Pressing

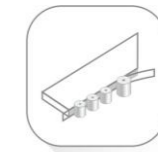


涂胶  
Glue

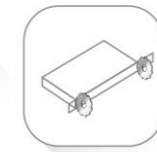
# HH-504 EDGE

## 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



前后齐头  
End cutting



贴边  
Pressing



涂胶  
Glue



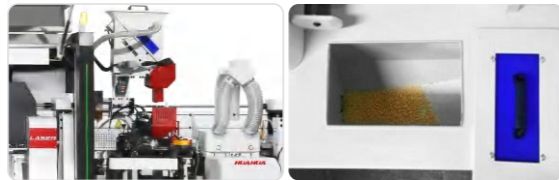
激光封配置特点  
Laser edge banding machine



激光发射器,可调矩形匀化光斑,利用激光冷胶活化,无需再替换胶水,免去溶胶时间。

Laser transmitter,adjustable rectangular uniform spot, activated by laser cold glue, no need to replace the glue and save the melt time.

激光封配置特点  
Laser edge banding machine



快速溶胶+PUR胶锅,最快仅需15分钟,即可开机工作,批量生产时不用等胶水溶化。

Quick melt+PUR glue pot . It only takes 15 minutes to start working at the fastest, and there is no need to wait for the glue to melt during mass production.

6系列配置特点 激光封配置特点 5系列配置特点  
6 series Laser edge banding machine 5 series

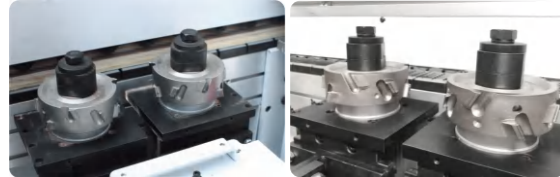


压贴单元使板材和封边带贴合,把板材上面粘合好的封边带通过压贴轮进行加压,使板材和封边带贴合更加牢固

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

**封边机系列通用配置特点**  
General configuration features of the edge banding machine series

6系列配置特点 预铣机构装置 5系列配置特点  
6 series Pre-milling 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 涂胶贴边装置 5系列配置特点  
6 series Gluing 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 前后齐头装置 5系列配置特点  
6 series End cutting 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.

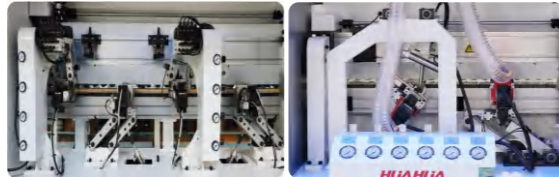
6系列配置特点 精修装置 5系列配置特点  
6 series Fine trimming 5 series



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.

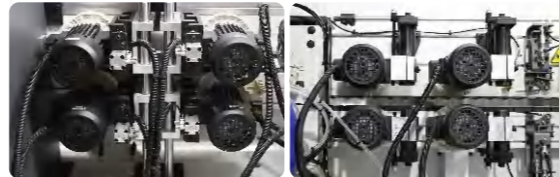
6系列配置特点 跟踪修边装置 5系列配置特点  
6 series Corner rounding 5 series



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 抛光装置 5系列配置特点  
6 series Buffing 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-2506R	HH-2505R	HH-608RLK-Laser150	HH-706RLK-Laser150	HH-806RLK
工件长度	Panel length	≥300mm	≥300mm	≥120mm	≥120mm	≥120mm
工件宽度	Panel width	≥300mm	≥300mm	≥120mm	≥80mm	≥95mm
工件厚度	Panel thickness	10-60mm	10-60mm	10-60mm(PUR) 10-35mm(Laser激光)	10-60mm(PUR) 10-35mm(Laser激光)	10-60mm
封边带宽度	Tape width	13-63mm	13-63mm	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(PUR) 0.8-3.0mm(Laser激光)	0.4-3.0mm(PUR) 0.8-3.0mm(Laser激光)	0.4-3.0mm
进给速度	Feeding speed	15-18-20m/min	15-18-20m/min	20-23-26m/min(PUR) ≤23m/min(Laser激光)	15-18-20m/min(PUR) ≤18m/min(Laser激光)	18-20-23m/min
整机功率	Total power	33kw	25.4kw	激光功率:3kw (Laser激光) 整机功率:33kw	激光功率:2kw (Laser激光) 整机功率:27kw	32.2kw
工作气压	Working pressure	0.65mpa	0.65mpa	0.65mpa	0.65mpa	0.65mpa
外形尺寸	Overall size	7040*4810*1700mm	6320*4810*1700mm	11170*1100*1974mm	8550*1000*1950mm	9800*1100*1800mm
重量	Weight	5000kg	4500kg	4000kg	2700kg	3100kg

	HH-688RLKHZ	HH-608RLKZ	HH-608RLK	HH-586RLK(45)	HH-486RLK(45)	HH-556RLK
≥150mm	≥120mm	≥120mm	≥120mm	最小端头板:45*200mm Min narrow short side:45*200mm	最小端头板:45*200mm Min narrow short side:45*200mm	≥120mm
≥120mm	≥120mm	≥120mm	≥120mm	最小长窄边:40*300mm Min narrow long side:40*300mm	最小长窄边:40*300mm Min narrow long side:40*300mm	≥95mm
10-50mm	10-60mm	10-60mm	10-60mm	10-60mm	10-60mm	10-60mm
13-53mm	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
20-24-28m/min	20-23-26m/min	20-23-26m/min	18-20-23m/min	15-18-20m/min	15-18-20m/min	15-18-20m/min
36.97kw	31.8kw	31.8kw	30.5kw	28kw	27kw	27kw
0.65mpa	0.65mpa	0.65mpa	0.65mpa	0.65mpa	0.65mpa	0.65mpa
11700*1100*1974mm	11700*1100*1974mm	11170*1100*1974mm	9763*1000*1900mm	8547*1000*1900mm	7575*1000*1900mm	7575*1000*1900mm
6500kg	6000kg	4000kg	3100kg	约2700kg	2600kg	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	≥100mm
≥160mm	≥95mm	≥95mm	≥80mm	≥95mm	≥95mm	≥80mm	≥80mm	≥80mm
斜面厚度:15-25mm Bevel thickness:15-25mm	10-60mm	10-60mm	10-60mm	10-60mm	10-60mm	10-60mm	10-60mm	10-60mm
直面厚度:10-60mm Straight thickness:10-60mm	13-63mm	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	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	15-18-20m/min
31.3kw	24kw	20.2kw	19.4kw	17.1kw	13.2kw	10.7kw	8.8kw	8.8kw
0.65mpa	0.65mpa	0.65mpa	0.65mpa	0.65mpa	0.65mpa	0.65mpa	0.65mpa	0.65mpa
9300*1000*1600mm	8050*1000*1700mm	6660*1000*1700mm	5500*1000*1700mm	7140*1000*1700mm	5810*1000*1700mm	4500*1000*1700mm	4000*1000*1700mm	4000*1000*1700mm
3000kg	2700kg	2500kg	2200kg	2200kg	1900kg	1700kg	1400kg	1400kg



SKH

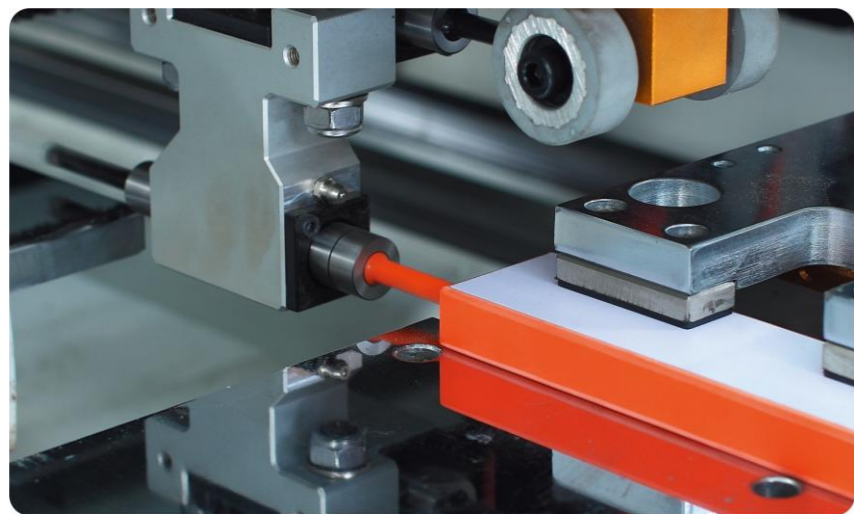


# 数控钻铣 无懈可击

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

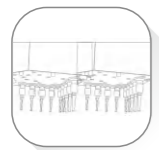




# SKH-680SAZ CNC

## 六钻包六面钻铣加工中心

Six drilling heads automatic six sides CNC drilling machine



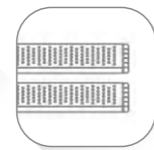
a. 六个钻包  
Six drilling heads



b. 首创八夹手  
Pioneering Eight gripper mechanism



c. 首创双重定位  
Pioneering dual positioning



d. 首创送料推手  
Pioneering Material Delivery Pusher

## 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



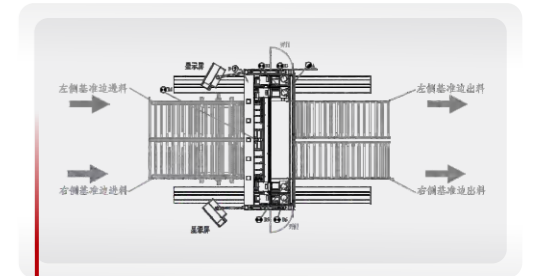
a. 六钻包高效加工, 4个高精密上钻包 + 2个下钻包加工六面打孔、拉槽和铣型, 效率比常规双工位提升20%

a. 6 drilling heads high-efficiency processing, 4 groups top drilling heads + 2 group bottom drilling heads to process panel six-sided drilling, grooving and milling, which efficiency is 20% higher than normal double worktable CNC drilling machines



b. 首创八夹手、首创双重定位、首创送料推手, 送料滚筒一体设计, 快速送料, 伺服电机控制, 靠板精准定位

b. Pioneering eight grippers mechanism, pioneering dual positioning, pioneering feeding pusher, the integrated design of the feeding roller, fast feeding, servo motor control, accurate positioning.



平面布局图 Layout Plan



工艺流程解析  
Process analysis



# SKH-612HS <sup>CNC</sup>

## 双钻包六面钻铣加工中心

Double drilling heads automatic six sides CNC drilling machine



- a. 双钻包组 Double drilling heads
- b. 首创C型双夹手 Pioneering C-type double gripper mechanism
- c. 首创移板功能 Innovative board transfer function
- d. 双面开槽 Double sides grooving

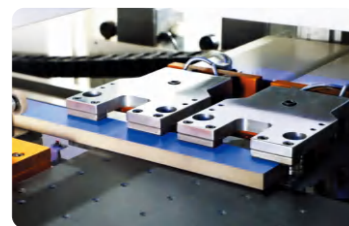
## 六面钻孔铣型 双钻包连续高效加工

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



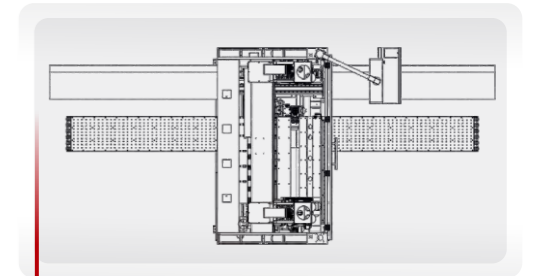
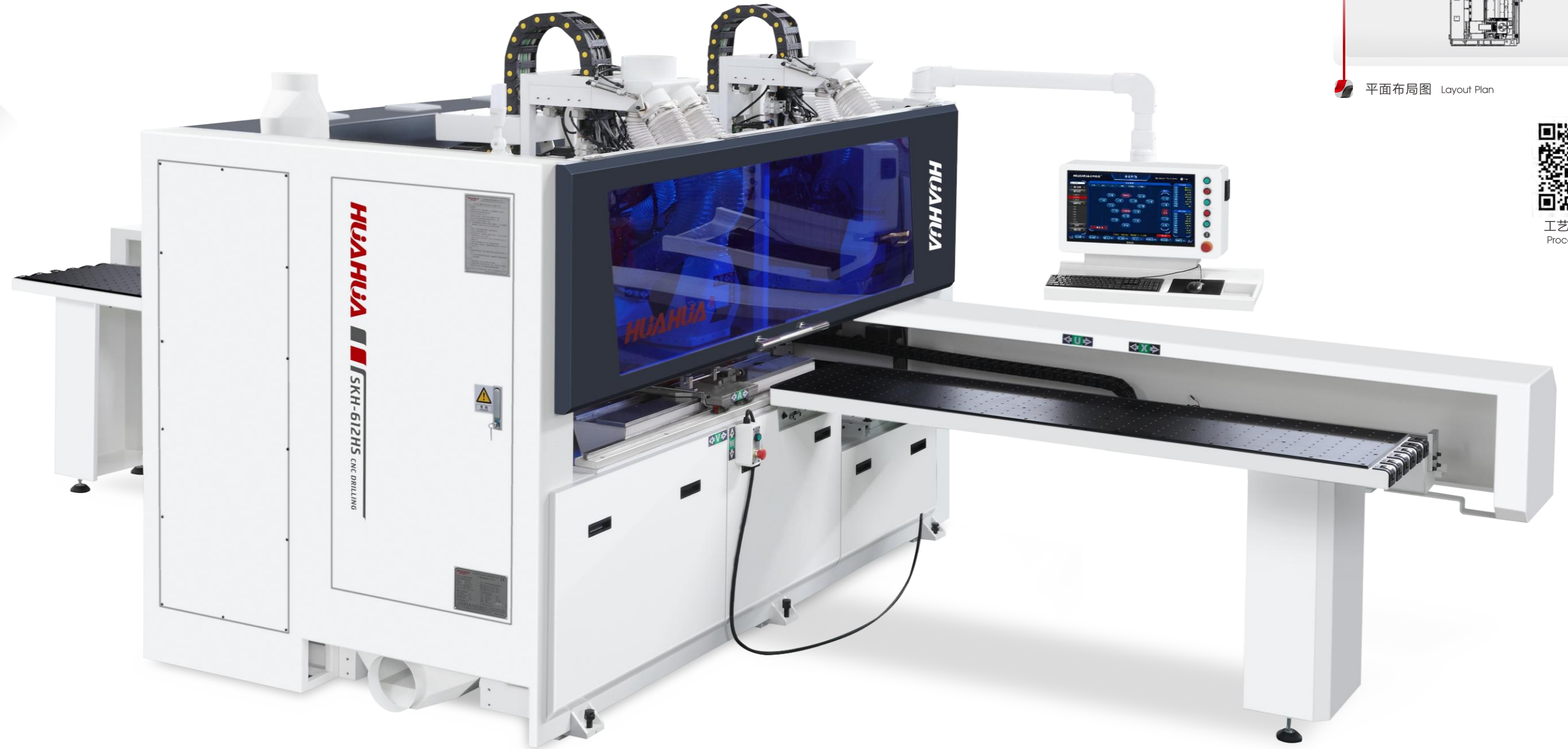
a. 一次加工可完成六面所有孔位及双面槽位实现快速高效钻铣工作

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



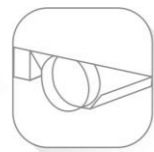
# SKH-612H <sup>CNC</sup>

## 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



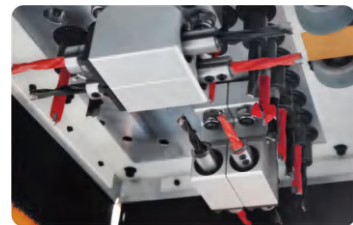
c. 扫码加工  
Scan barcode processing



d. 首创蛙跳技术  
Pioneering fast drilling technology

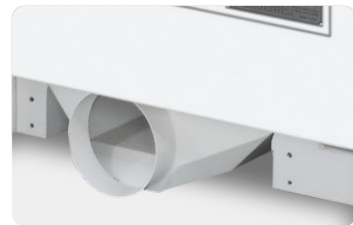
## 六面钻孔铣型 双夹手连续高效加工

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



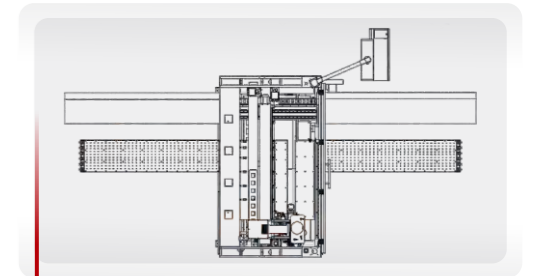
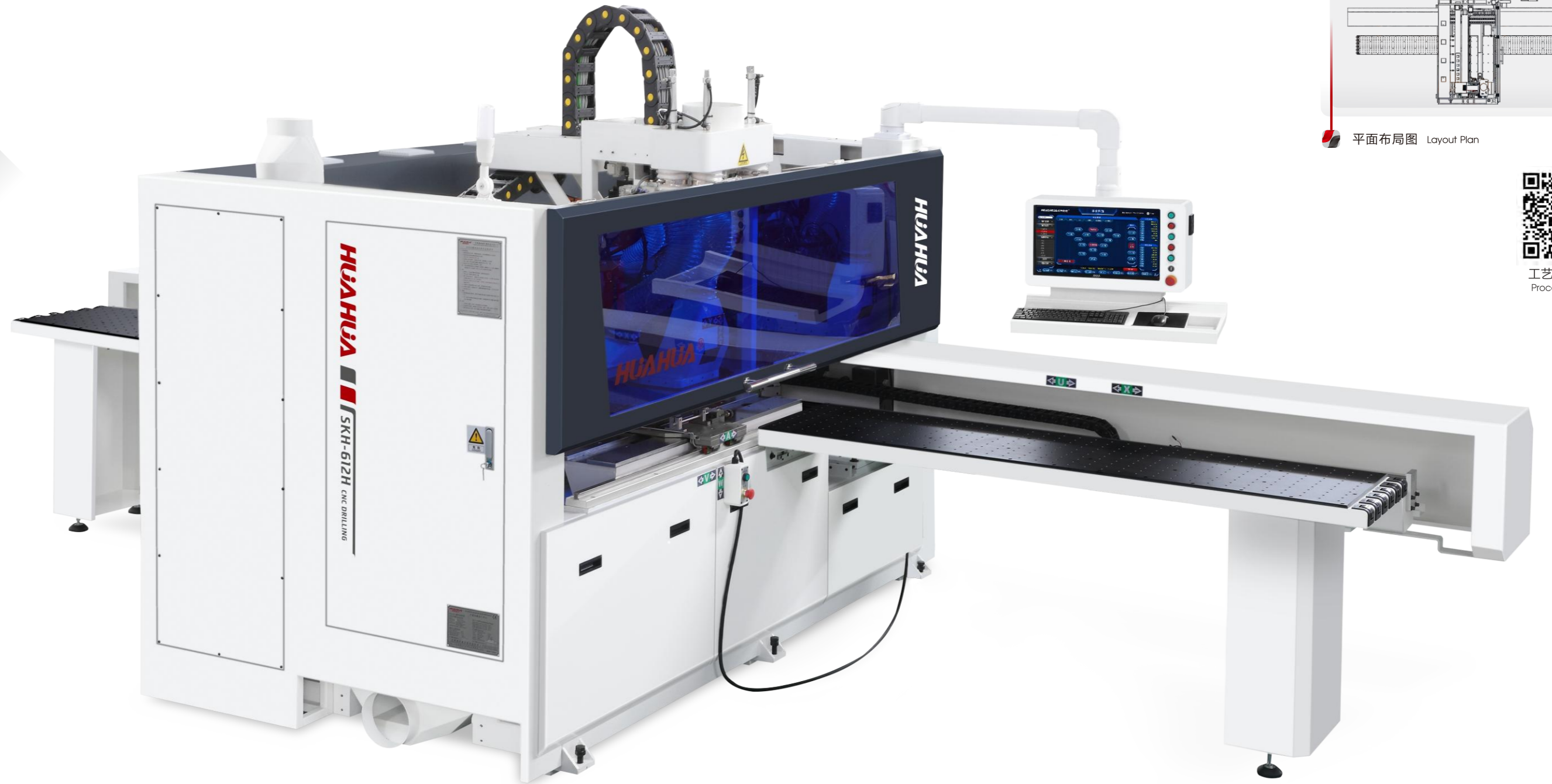
a. 一次加工可完成六面所有孔位及  
双面槽位实现快速高效钻铣工作

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




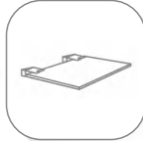


工艺流程解析  
Process analysis

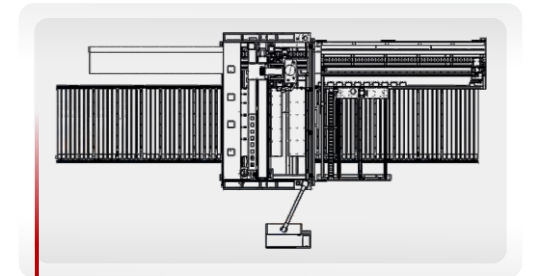
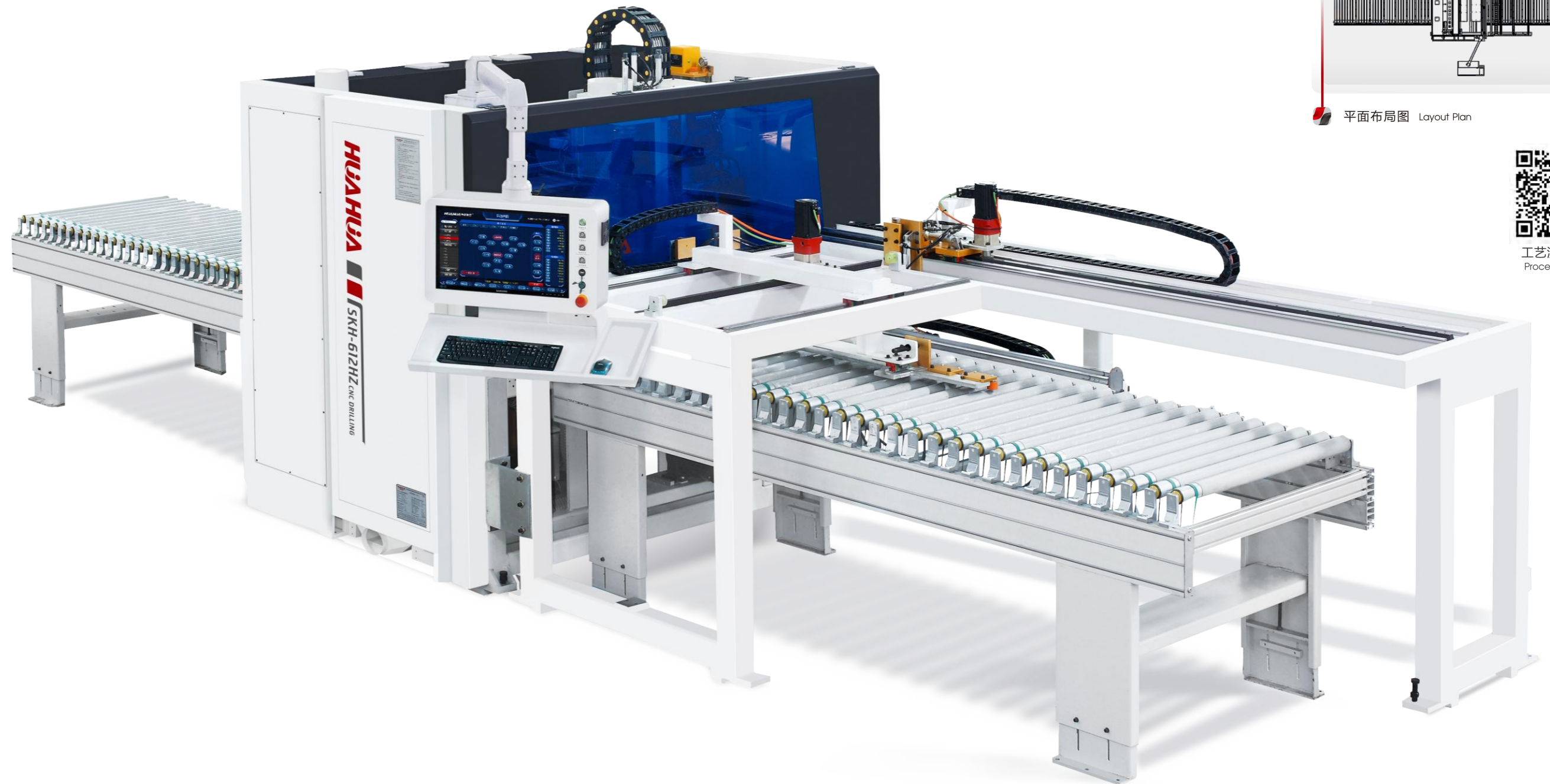


# SKH-612HZ <sup>CNC</sup>

## 六面钻铣加工中心

Automatic six sides CNC drilling machine

-  a. 双面开槽  
Double sides grooving
-  b. 首创C型双夹手  
Pioneering C-type double gripper mechanism
-  c. E型靠板  
E-shaped side aligner
-  d. 首创蛙跳技术  
Pioneering fast drilling technology



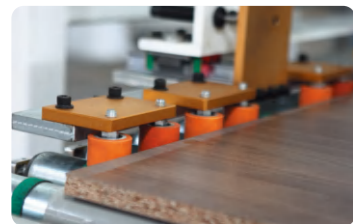
平面布局图 Layout Plan



工艺流程解析 Process analysis

## 六面钻孔铣型 双夹手连续高效加工

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



# SKH-612HT <sup>CNC</sup>

## 六面钻铣加工中心(带刀库)

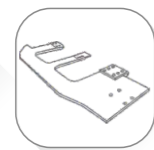
Automatic six sides CNC drilling machine ( With ATC tool magazine )



a.直排自动刀库  
Linear automatic tool magazine



b.隐形件加工  
Invisible parts processing



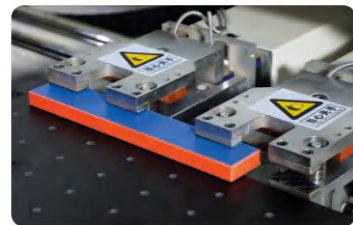
c.E型靠板  
E-shaped side aligner



d.首创蛙跳技术  
Pioneering fast drilling technology

## 六面钻孔铣型 双夹手连续高效加工

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



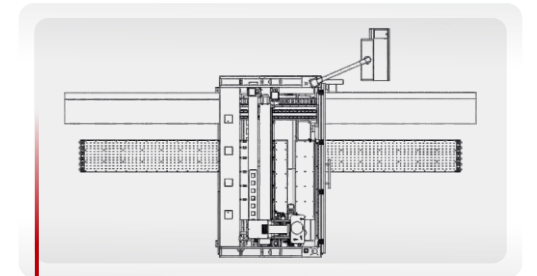
a.采用双夹手机构,根据电脑钻孔程序,自动控制送板及定位

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

### 型号参数 Model SKH-612HT


自动换刀(可选配) ATC tool magazine (Optional)	气缸驱动行程 Cylinder drive stroke	255mm
	刀间距 Tool distance	85mm
	自动换刀电机 Automatic tool change motor	6KW
	刀库数量 Number of magazines	4个(pcs)





# SKH-612HTC CNC

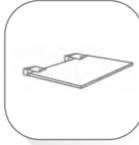
## 六面钻铣加工中心(旋转刀头带刀库)

Six sides drilling CNC machine (Rotating blade with magazine)

- 

a. 360° 旋转刀头  
360° rotary tool magazine
- 

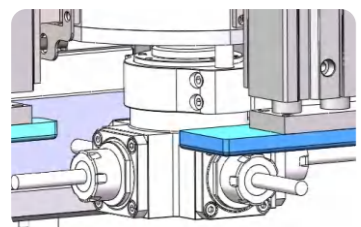
b. 直排自动刀库  
Linear automatic tool magazine
- 

c. 隐形件加工  
Invisible parts processing
- 

d. 首创C型双夹手  
Pioneering C-type double gripper mechanism

## 六面钻孔铣型 双夹手连续高效加工

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



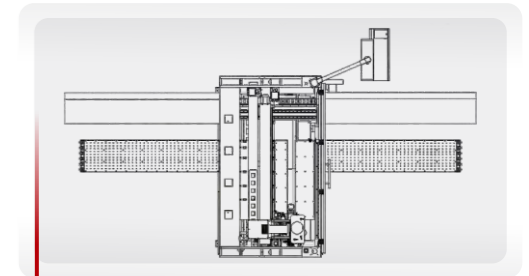
a. 360° 旋转刀头, 侧面开槽, 铣刀更换更快捷, 可加工天地铰链等工艺

a. 360° rotary tool magazine, faster replacement of milling cutters, can processing side slotting, special hinges and other processes



b. 自带四刀库, 可用拉米诺锯片, 普通锯片, 和常规钻头, 可加工三合一、拉米诺、灯线槽、拉直器、隐形拉手等工艺

b. Equip with 4pcs ATC tool magazine, this machine can process panel 6 sides holes, Lamello, lights cable groove, straighteners, invisible handles, etc.



平面布局图 Layout Plan



工艺流程解析 Process analysis

型号参数 Model	SKH-612HTC	
自动换刀 ATC tool magazine	气缸驱动行程 Cylinder drive stroke	255mm
	刀间距 Tool distance	85mm
	自动换刀电机 Automatic tool change motor	6KW
自动换刀加工范围 Automatic tool change processing range	刀库数量 Number of magazines	4个(pcs)
	板材宽度 Panel width	50-1200mm
	板材长度 Panel length	250-5000mm
C轴(旋转刀头) 加工范围 C axis (rotary head) processing range	板材厚度 Panel thickness	10-48mm
	板材宽度 Panel width	50-1000mm
	板材长度 Panel length	250-5000mm
	板材厚度 Panel thickness	10-48mm



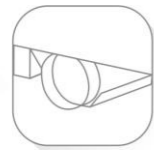
# SKH-612M <sup>CNC</sup>

## 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



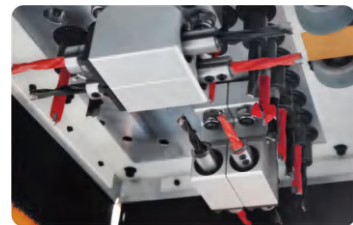
c. 扫码加工  
Scan barcode processing



d. 首创蛙跳技术  
Pioneering fast  
drilling technology

## 六面钻孔铣型 双夹手连续高效加工

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



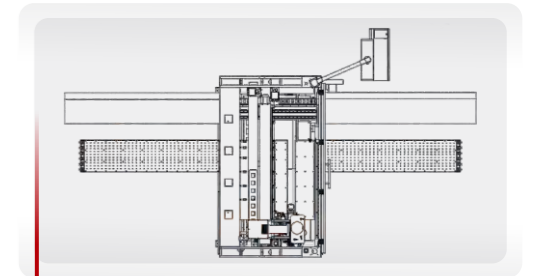
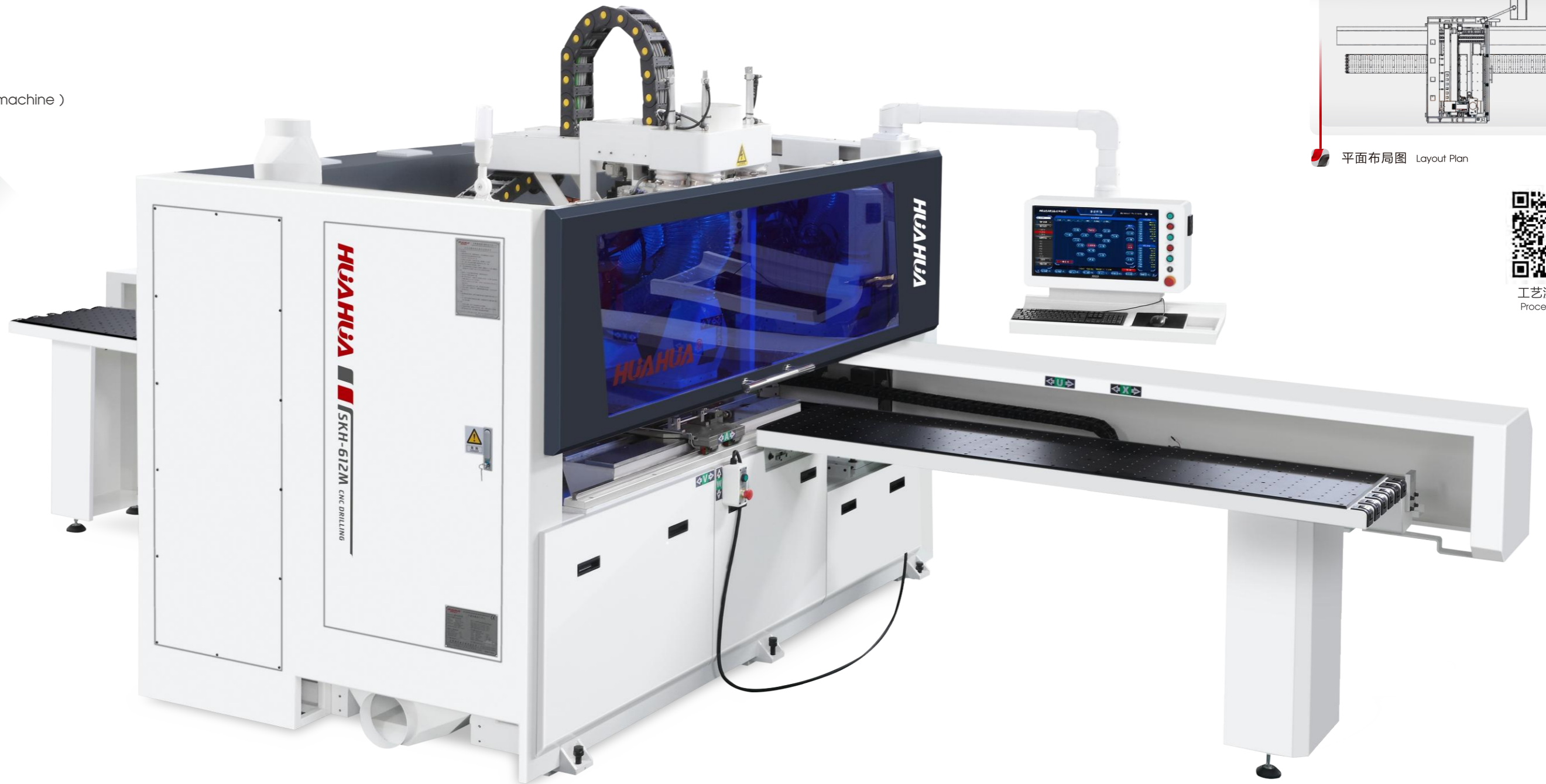
a. 一次加工可完成六面所有孔位及  
双面槽位实现快速高效钻铣工作

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



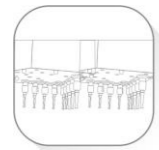
工艺流程解析  
Process analysis



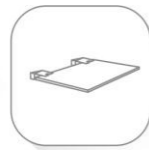
# SKH-612MS CNC

## 双钻包六面钻铣加工中心(齿条机)

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



a. 双钻包组  
Double drilling heads



b. 首创C型双夹手  
Pioneering C-type double gripper mechanism



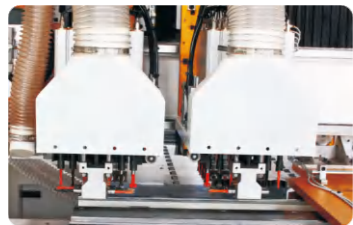
d. 双面开槽  
Double sided slotting



d. 首创蛙跳技术  
Pioneering fast drilling technology

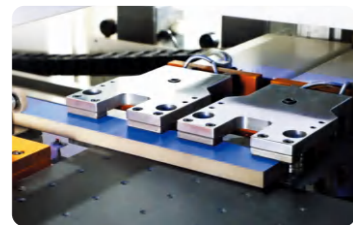
### 六面钻孔铣型 双钻包连续高效加工

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



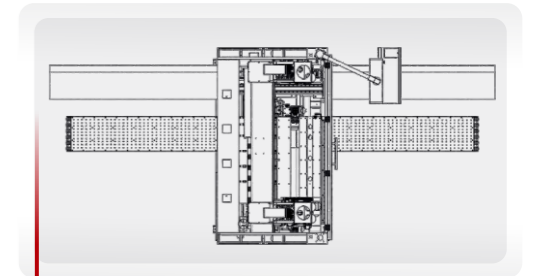
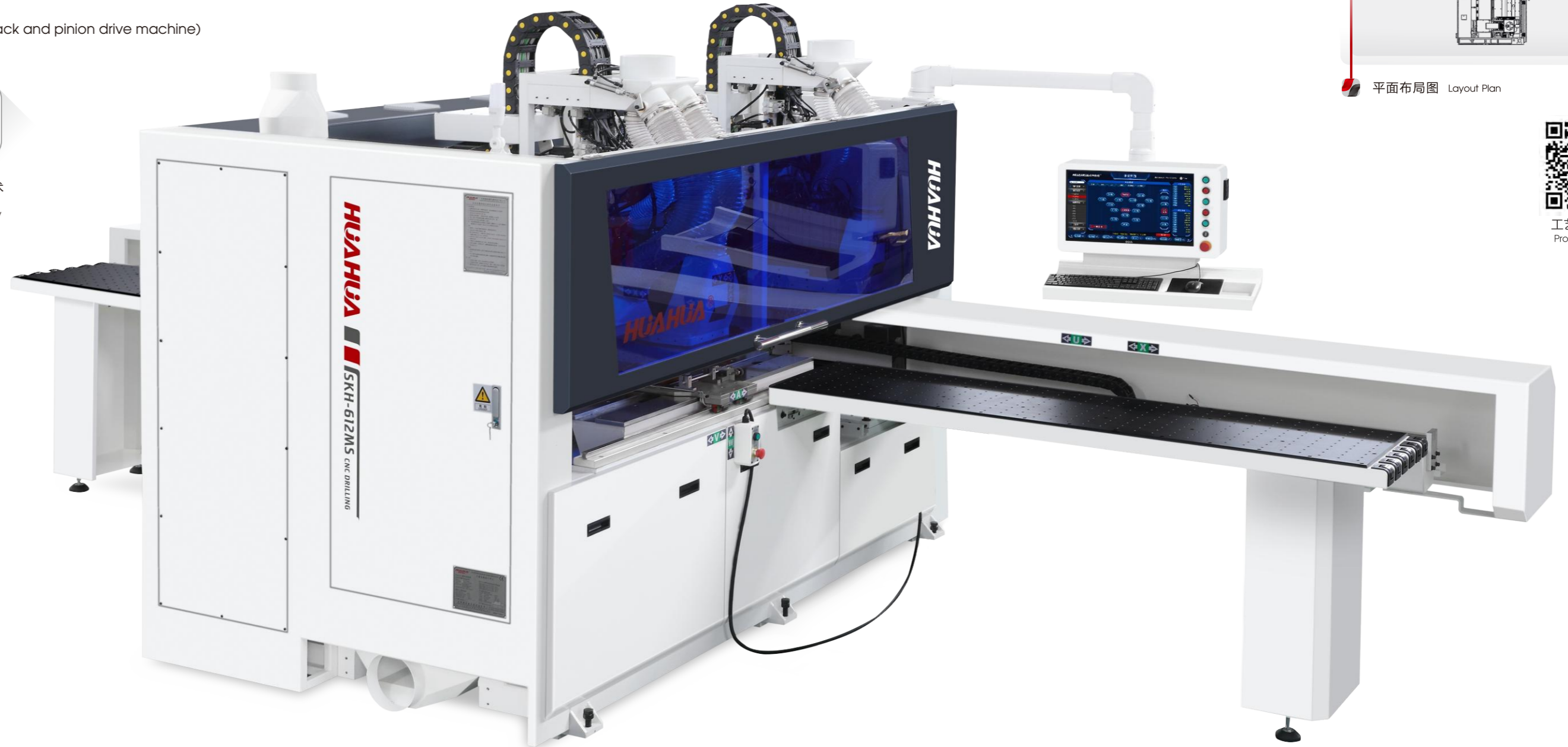
a. 一次加工可完成六面所有孔位及  
双面槽位实现快速高效钻铣工作

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-612MT CNC

## 六面钻铣加工中心(自动换刀)

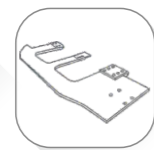
Six sides CNC drilling machine ( With ATC tool magazine)



a.直排自动刀库  
Linear automatic tool magazine



b.隐形件加工  
Invisible parts processing



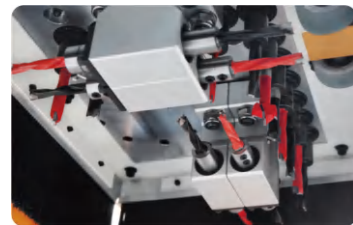
c.E型靠板  
E-shaped side aligner



d.首创蛙跳技术  
Pioneering fast drilling technology

## 六面钻孔铣型 双夹手连续高效加工

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



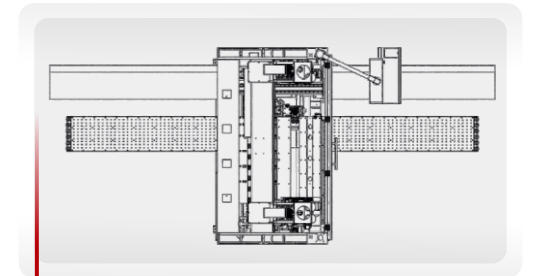
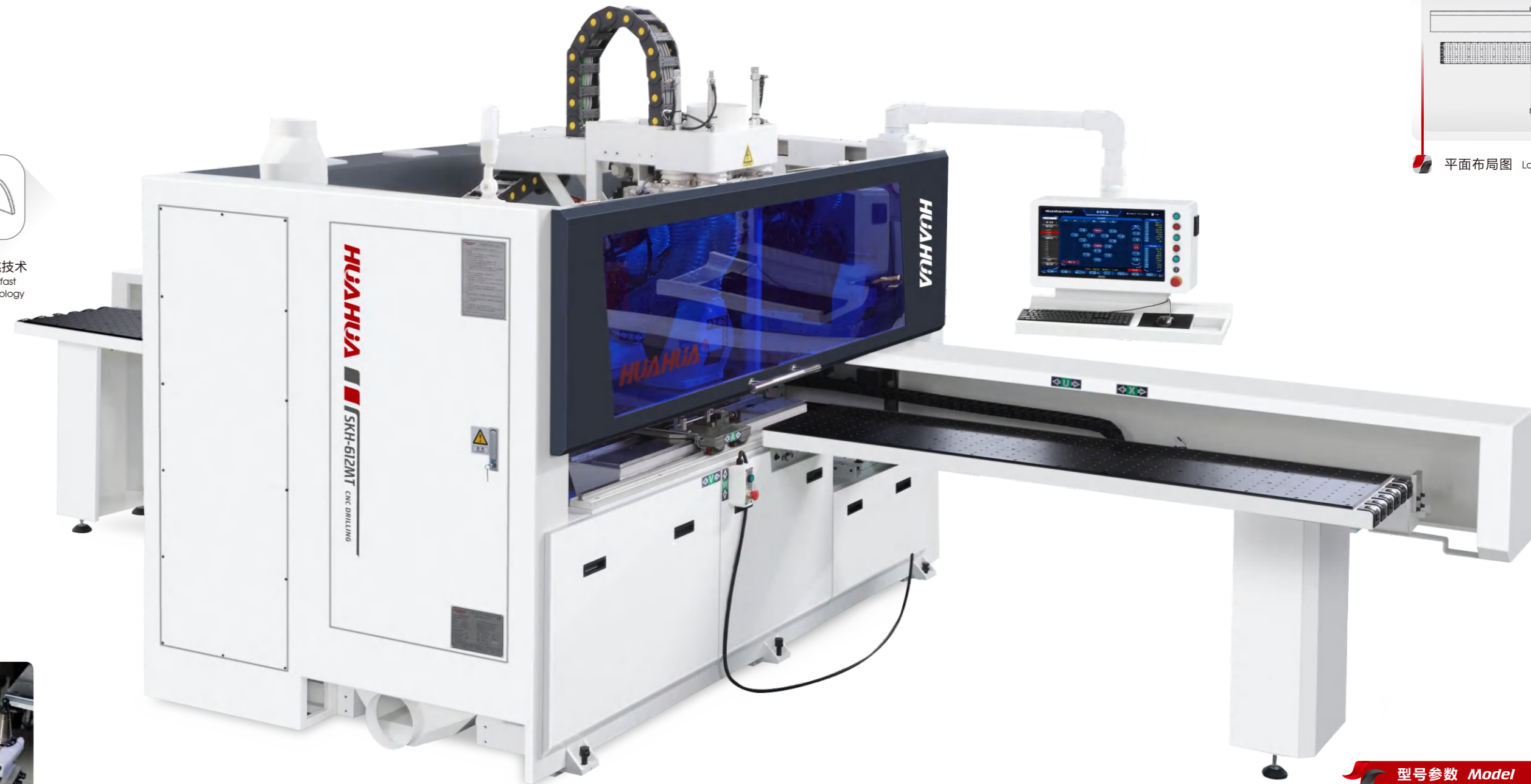
a.一次加工可完成六面所有孔位及  
双面槽位实现快速高效钻铣工作

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



b.自动换刀直排刀库连续高效加工,满足多种加工需求

b. 4pcs ATC linear tool magazine continuous and high-efficiency processing meet various process requirements



平面布局图 Layout Plan



工艺流程解析  
Process analysis

### 型号参数 Model SKH-612MT

自动换刀(可选配) ATC tool magazine (Optional)	气缸驱动行程 Cylinder drive stroke	255mm
	刀间距 Tool distance	85mm
	自动换刀电机 Automatic tool change motor	6KW
	刀库数量 Number of magazines	4个(pcs)



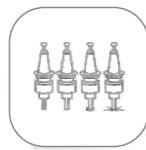
# SKH-612MST CNC

## 双钻包六面钻铣加工中心(自动换刀)

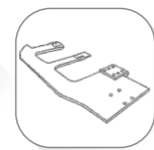
Double drilling heads automatic six sides CNC drilling machine (With ATC tool magazine)



a. 双钻包组  
Double drilling heads



b. 直排刀库  
Linear row tool magazine



c. E型靠板  
E-shaped side aligner



d. 隐件加工  
Invisible parts processing

## 六面钻孔铣型 双钻包连续高效加工

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



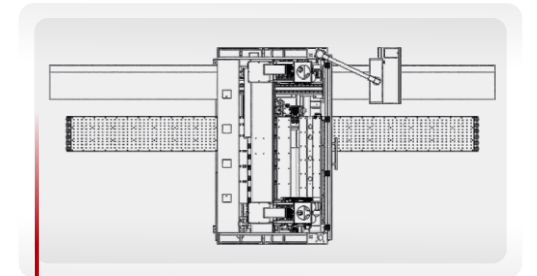
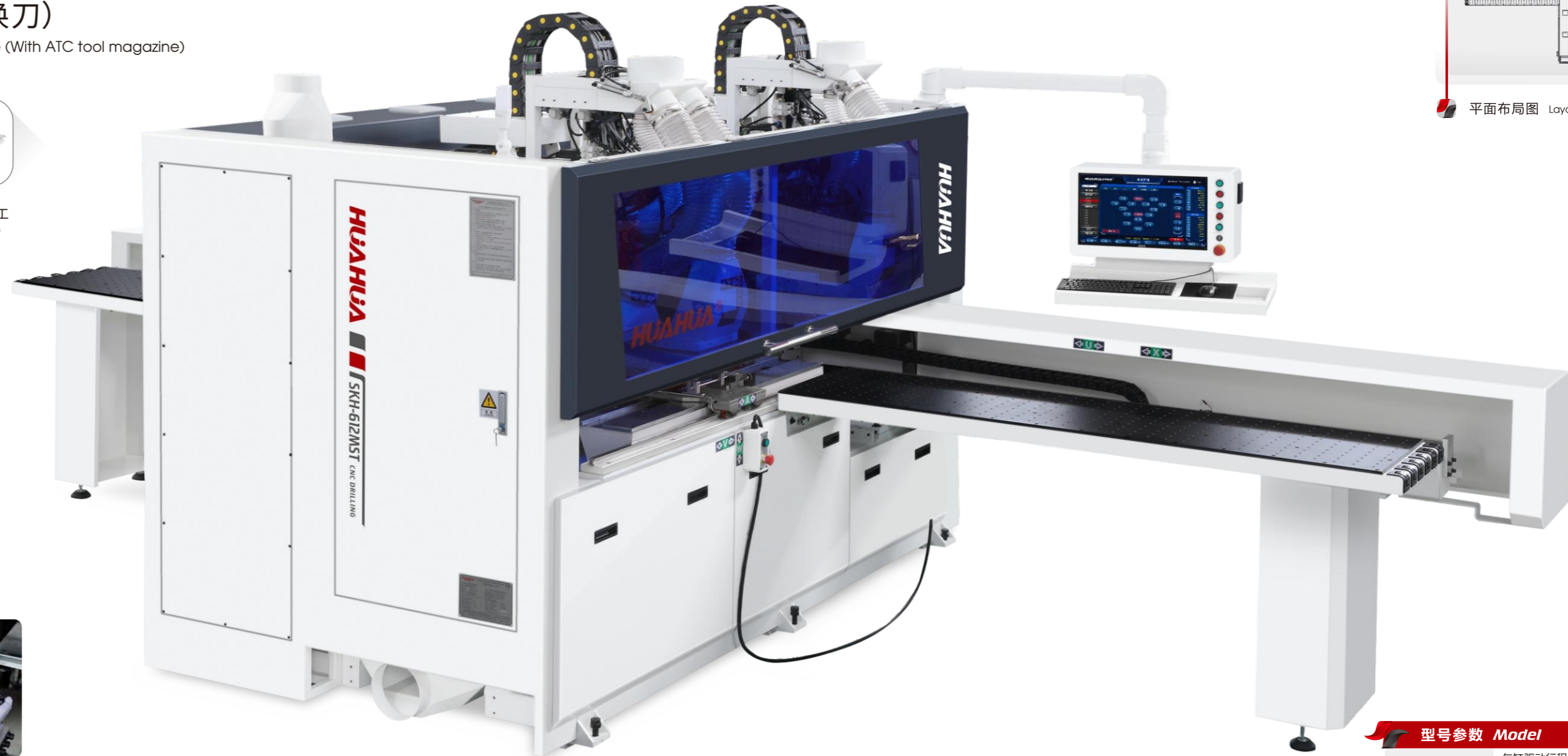
a. 一次加工可完成六面所有孔位及  
双面槽位实现快速高效钻铣工作

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



b. 自动换刀直排刀库连续高效加工, 满足多种加工需求

b. 4pcs ATC linear tool magazine continuous and high-efficiency processing meet various process requirements



平面布局图 Layout Plan



工艺流程解析  
Process analysis

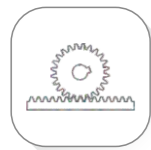
型号参数 Model	SKH-612MST
气缸驱动行程 Cylinder drive stroke	255mm
刀间距 Tool distance	85mm
自动换刀(可选配) ATC tool magazine (Optional)	自动换刀电机 Automatic tool change motor 6KW
刀库数量 Number of magazines	4个(pcs)



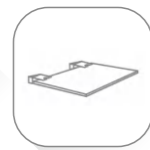
# SKH-612N CNC

## 六面钻铣加工中心(压轮一体)

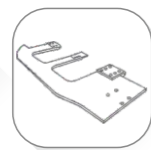
Six sides CNC drilling machine (Pressure wheel integrated)



a. 齿轮齿条  
Gear and rack



b. 首创C型双夹手  
Pioneering C-type  
double gripper mechanism



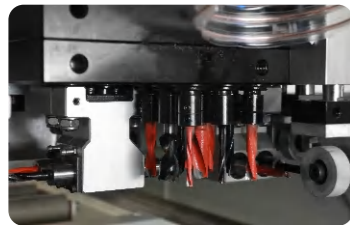
c. E型靠板  
E-shaped  
side aligner



d. 首创蛙跳技术  
Pioneering fast  
drilling technology

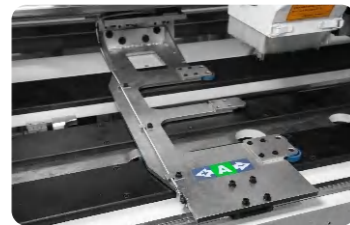
## 六面钻孔铣型 双夹手连续高效加工

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



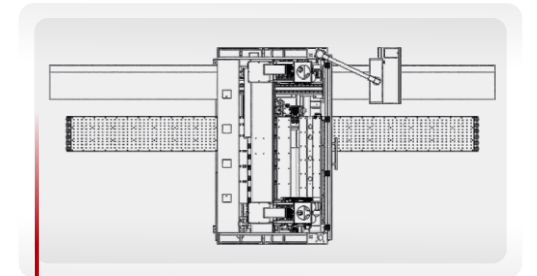
a. 压轮一体钻包, 高精度钻包, 高效打孔, 钻包自带压轮压板, 使板材平直加工

a. High-precision drilling head integrated with pressure wheel and platen, ensure panel keep straight during processing, high-efficiency drilling.



b. E型靠料靠板, 两点配合靠料, 板边受力均匀不跑偏, 靠板配合夹手定位, 加工时更稳定

b. E-shaped side aligner ensure panel pressed tight, use aligner and gripper dual positioning to ensure processing precision.



平面布局图 Layout Plan



工艺流程解析  
Process analysis



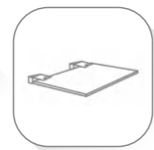
# SKH-612NS <sup>CNC</sup>

## 双钻包六面钻铣加工中心(压轮一体)

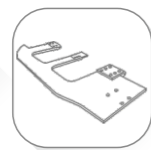
Double drilling heads automatic six sides CNC drilling machine (Pressure wheel integrated)



a. 双钻包组  
Double drilling heads



b. 首创C型双夹手  
Pioneering C-type double gripper mechanism



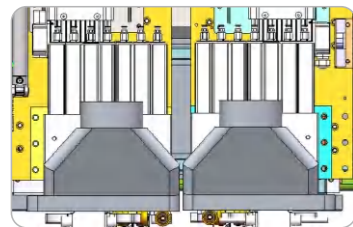
c. E型靠板  
E-shaped side aligner



d. 首创蛙跳技术  
Pioneering fast drilling technology

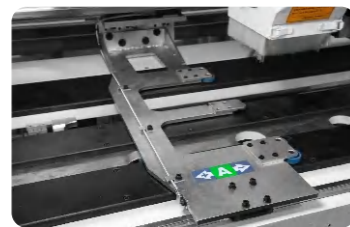
## 六面钻孔铣型 双钻包连续高效加工

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



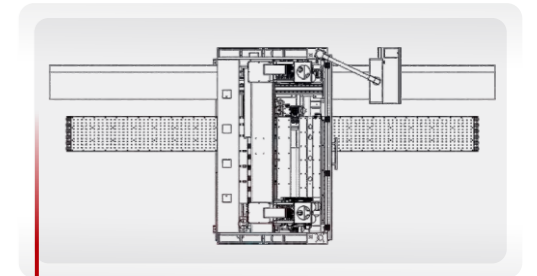
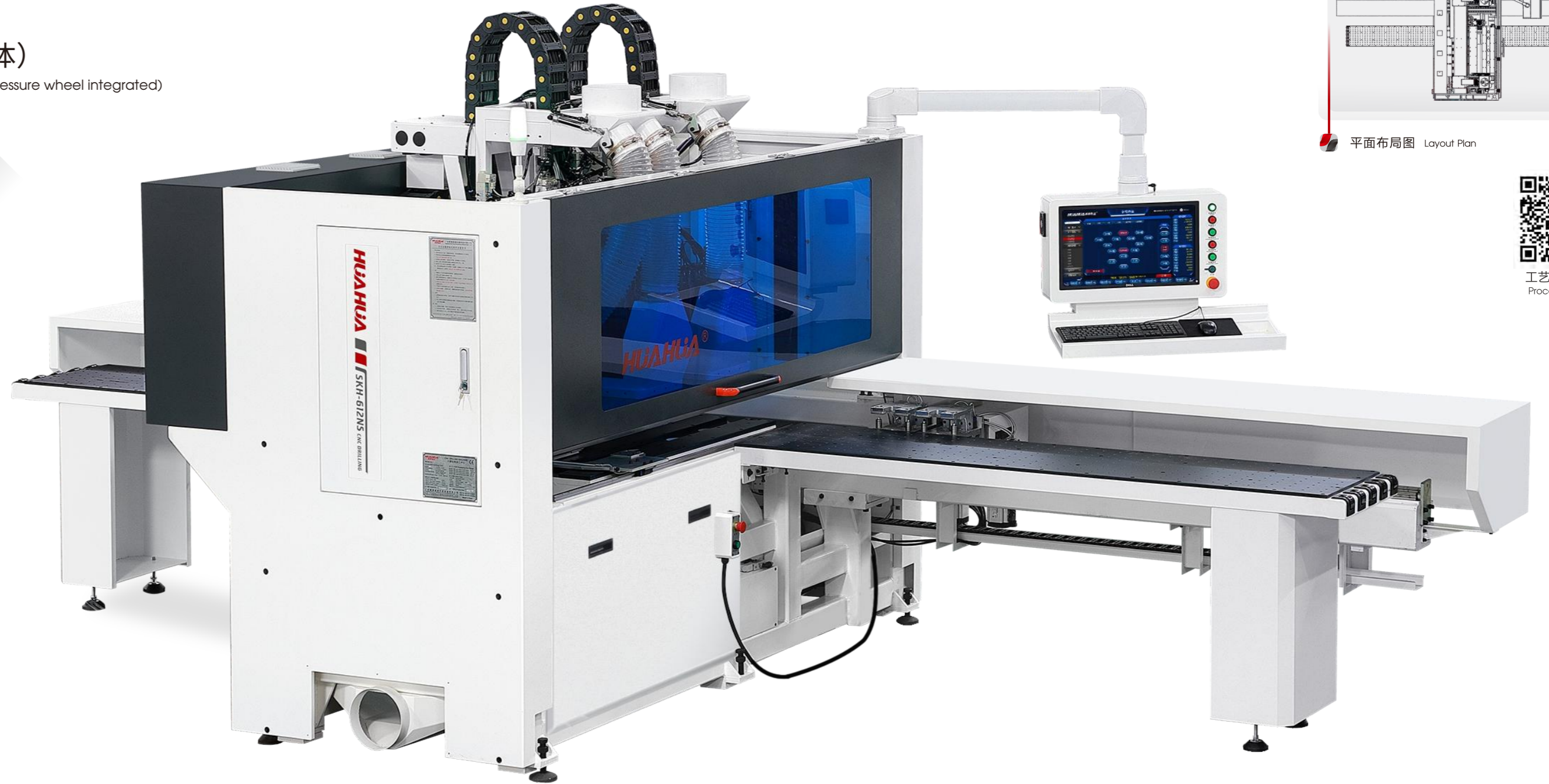
a. 压轮一体双钻包, 两个高精上钻包, 高效打孔钻包自带压轮压板, 使板材平直加工

a. High-precision double drilling heads integrated with pressure wheel and platen, ensure panel keep straight during processing, high-efficiency drilling.



b. E型靠料靠板, 两点配合靠料, 板边受力均匀不跑偏, 靠板配合夹手定位, 加工时更稳定

b. E-shaped side aligner ensure panel pressed tight, use aligner and gripper dual positioning to ensure processing precision.



平面布局图 Layout Plan



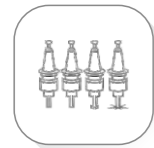
工艺流程解析  
Process analysis



# SKH-612NT CNC

## 六面钻铣加工中心(自动换刀)

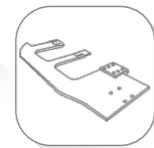
Six sides CNC drilling machine (With ATC tool magazine)



a. 直排自动刀库  
Linear automatic tool magazine



b. 隐形件加工  
Invisible parts processing



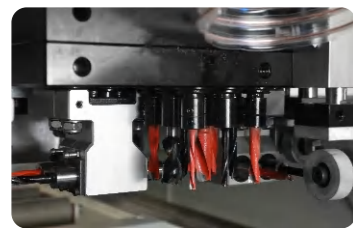
c. E型靠板  
E-shaped side aligner



d. 首创蛙跳技术  
Pioneering fast drilling technology

## 六面钻孔铣型 双夹手连续高效加工

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



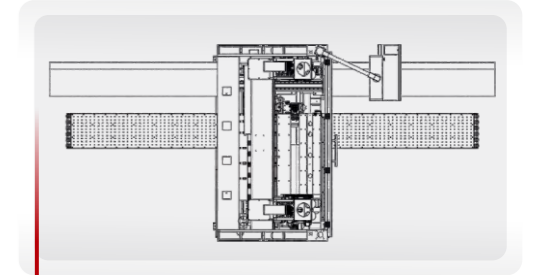
a. 压轮一体钻包, 高精度钻包, 高效打孔, 钻包自带压轮压板, 使板材平直加工

a. High-precision drilling head integrated with pressure wheel and platen, ensure panel keep straight during processing, high-efficiency drilling.



b. 自动换刀直排刀库连续高效加工, 满足多种加工需求

b. 4pcs ATC linear tool magazine continuous and high-efficiency processing meet various process requirements



平面布局图 Layout Plan



工艺流程解析  
Process analysis

### 型号参数 Model SKH-612NT

自动换刀(可选配) ATC tool magazine (Optional)	气缸驱动行程 Cylinder drive stroke	240mm
	刀间距 Tool distance	80mm
	自动换刀电机 Automatic tool change motor	6KW
	刀库数量 Number of magazines	4个(pcs)



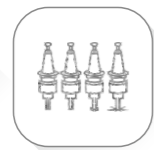
# SKH-612NST CNC

## 双钻包六面钻铣加工中心(自动换刀)

Double drilling heads automatic six sides CNC drilling machine (With ATC tool magazine)



a. 双钻包组  
Double drilling heads



b. 直排自动刀库  
Linear automatic tool magazine



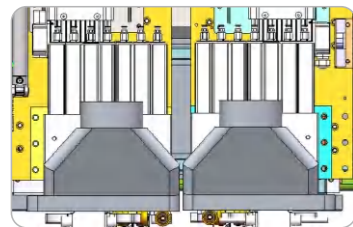
c. 隐形件加工  
Invisible parts processing



d. 首创蛙跳技术  
Pioneering fast drilling technology

## 六面钻孔铣型 双夹手连续高效加工

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



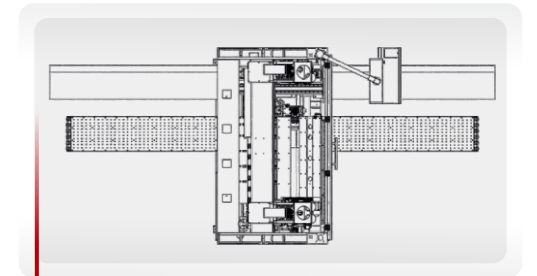
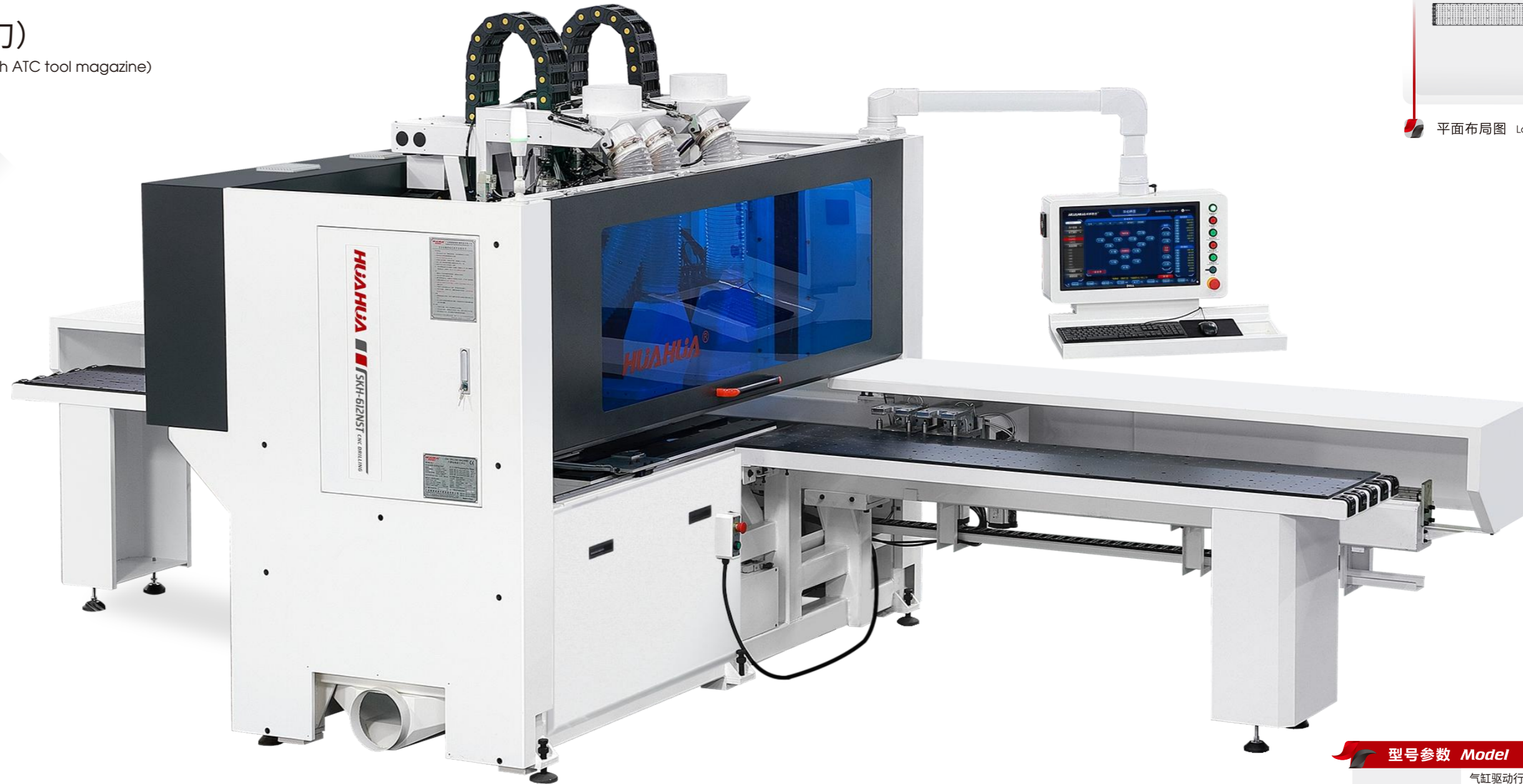
a. 压轮一体双钻包, 两个高精度上钻包, 高效打孔钻包自带压轮压板, 使板材平直加工

a. High-precision double drilling heads integrated with pressure wheel and platen, ensure panel keep straight during processing, high-efficiency drilling.



b. 自动换刀直排刀库连续高效加工, 满足多种加工需求

b. 4pcs ATC linear tool magazine continuous and high-efficiency processing meet various process requirements



平面布局图 Layout Plan



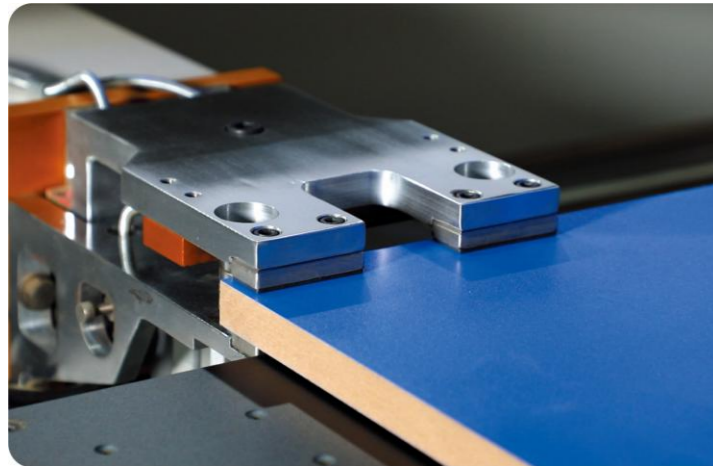
工艺流程解析  
Process analysis

### 型号参数 Model SKH-612NST

自动换刀(可选配) ATC tool magazine (Optional)	气缸驱动行程 Cylinder drive stroke	240mm
	刀间距 Tool distance	80mm
	自动换刀电机 Automatic tool change motor	6KW
	刀库数量 Number of magazines	4个(pcs)



工艺流程解析 Process analysis

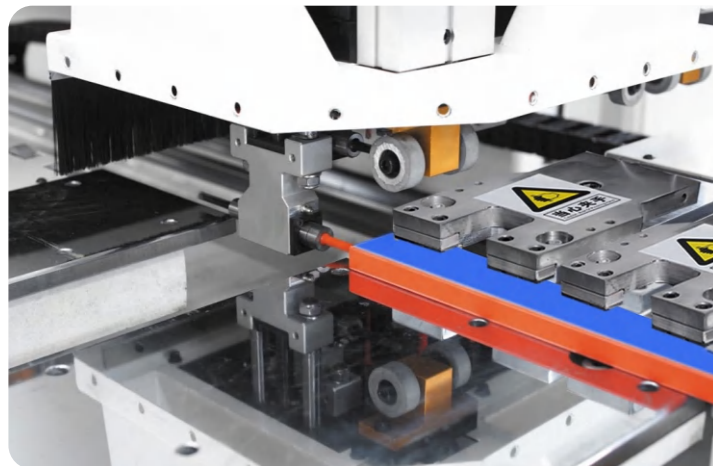


自动送料

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



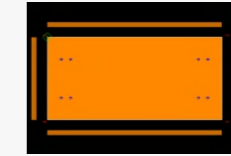
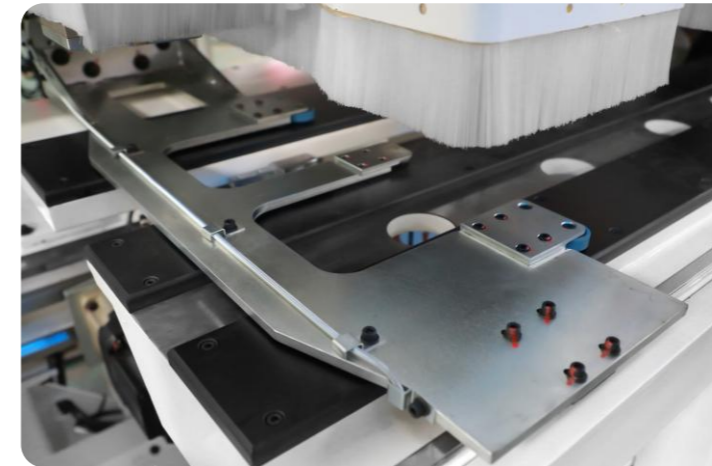
平面钻孔

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

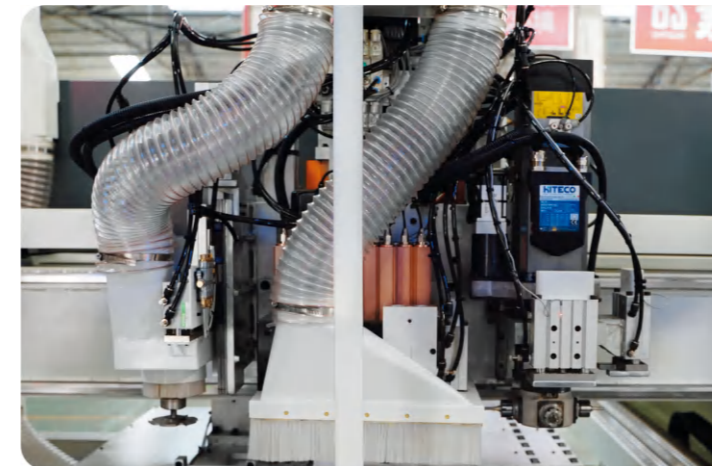


自动侧靠

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.

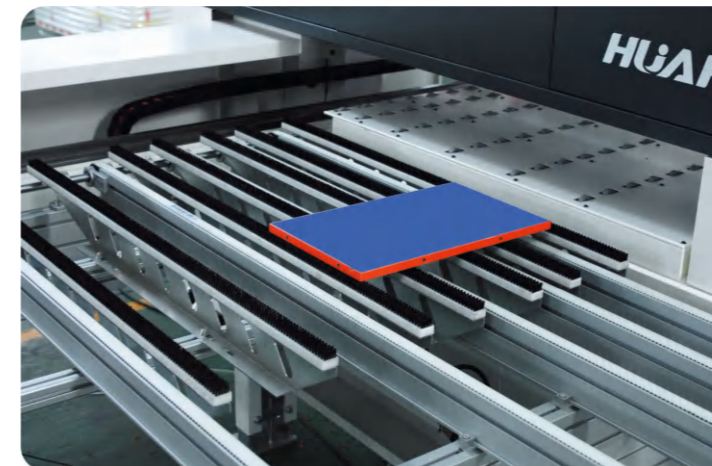


异形加工

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.



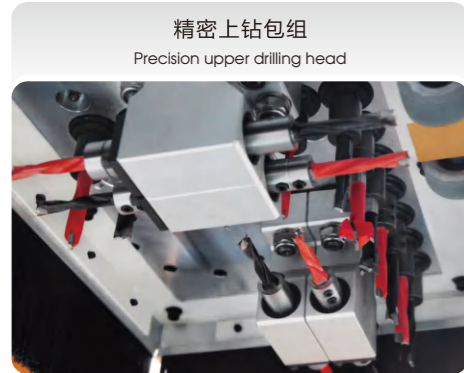
自动下料

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 head

采用HH自主研发的CNC钻包, 经过三坐标检测, 保证精准度

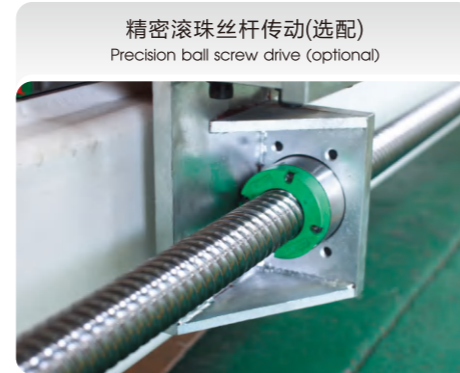
Using CNC drilling head independently developed by HH, After three-coordinate detection, the accuracy is guaranteed



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

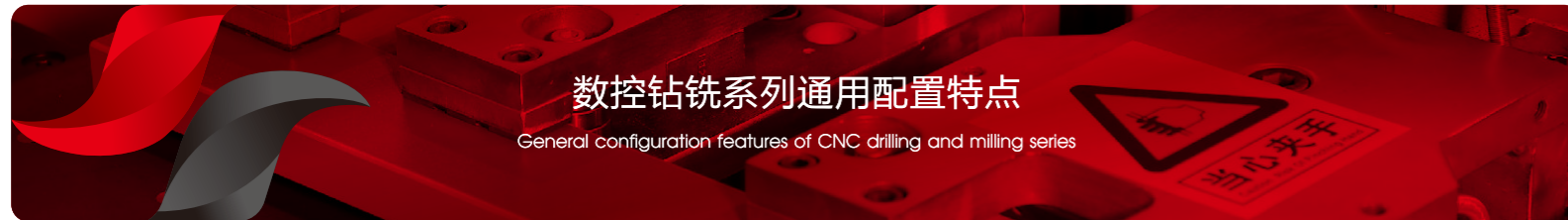
Automatically compress the panel according to the computer control program to meet the needs of panel drilling



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±0.1MM以内, 每300mm累计导程误差在0.05MM以内, 整机使用寿命提升

With ball screw transmission, the screw transmission error is within ±0.1MM, and the cumulative conduction error per 300mm is within 0.05MM. Increase the service life of the whole machine



数控钻铣系列通用配置特点

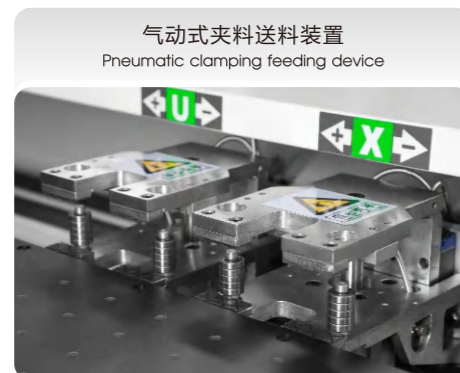
General configuration features of CNC drilling and milling series



精密下钻包组  
Precision bottom drilling head

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 head 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

型号参数	Model	SKH-680SAZ	SKH-612HS	SKH-612H	SKH-612HZ	SKH-612HT
各轴行程 & 最高定位速度 Axis travel & maximum positioning speed	X轴 X axis	X/X2/X3/X4轴(axis) 5410mm & 130m/min	5410mm & 130m/min	5410mm & 130m/min	5410mm & 130m/min	5410mm & 130m/min
	Y轴 Y axis	Y/Y2/Y3/Y4轴(axis) 1145mm & 80m/min	1630mm & 85m/min	1680mm & 85m/min	1680mm & 85m/min	1705mm & 85m/min
	Z轴 Z axis	Z/Z2/Z3/Z4轴(axis) 130mm & 30m/min	140mm & 30m/min	140mm & 30m/min	140mm & 30m/min	130mm & 30m/min
	U轴 U axis	U/U2轴(axis) 5410mm & 130m/min	5410mm & 130m/min	5410mm & 130m/min	5410mm & 130m/min	5410mm & 130m/min
	V轴 V axis	V/V2轴(axis) 965mm & 80m/min	1340mm & 80m/min	1360mm & 80m/min	1360mm & 80m/min	1340mm & 80m/min
	W轴 W axis	W/W2轴(axis) 110mm & 30m/min	110mm & 30m/min	110mm & 30m/min	110mm & 30m/min	110mm & 30m/min
	A轴 A axis	A/A2轴(axis) 810mm & 30m/min	1190mm & 30m/min	1215mm & 30m/min	1215mm & 30m/min	1195mm & 30m/min
	Y2轴 Y2 axis	-	1630mm & 85m/min	-	-	-
	Z2轴 Z2 axis	-	130mm & 30m/min	-	-	-
	钻孔组合装置 Drilling box configuration	垂直钻 Vertical drill bits	上钻:12*4个, 下钻9*2个 TOP: 12*4pcs, Bottom: 9*2pcs	上钻:12*2个, 下钻9个 TOP: 12*2pcs, 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		32个	16个	8个	8个	8个
钻组电机转速 Drilling head motor speed		2800rpm(r/min)	2800rpm(r/min)	2800rpm(r/min)	2800rpm(r/min)	2800rpm(r/min)
铣削加工 主轴 Milling spindle	电机功率 Motor Power	2.2kw*6	2.2kw*3	2.2kw*2	2.2kw*2	2.2kw*2
	主轴功率 Spindle power	3.5kw*4	3.5kw*2	3.5kw*2	3.5kw*2	3.5kw
	刀柄直径 Tool holder diameter	1/2"	1/2"	1/2"	1/2"	1/2"
加工尺寸范围 Processing size range	主轴速度 Spindle speed	18000rpm	18000rpm	18000rpm	18000rpm	18000rpm
	板材最大宽度 Max. Width of panel	800mm	1200mm	1200mm	1200mm	1200mm
	板材最小宽度 Min. Width of panel	50mm	50mm	50mm	120mm	50mm
	板材最大长度 Max. Length of panel	2800mm	5000mm	5000mm	2800mm	5000mm
	板材最小长度 Min. Length of panel	250mm	250mm	250mm	300mm	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	46.82KW(仅主机功率)	23.35KW	18.15KW	20.9KW	21.15KW
	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
	机器净重 Weight	5750kg	3850kg	3500kg	3450kg	3700kg
	机器外形尺寸 Overall size	7560*4390*2270mm	6480*2840*2200mm	6480*2840*2200mm	7800*2840*2200mm	6480*2840*2200mm





型号参数	Model	SKH-612HTC	SKH-612M	SKH-612MT	SKH-612MS
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
	Y轴 Y axis	1775mm & 85m/min	1680mm & 85m/min	1680mm & 85m/min	1630mm & 85m/min
	Z轴 Z axis	130mm & 30m/min	140mm & 30m/min	140mm & 30m/min	140mm & 30m/min
	U轴 U axis	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
	W轴 W axis	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	1190mm & 30m/min
	Y2轴 Y2 axis	-	-	-	1630mm & 85m/min
钻孔组合装置 Drilling box configuration	Z2轴 Z2 axis	-	-	-	130mm & 30m/min
	垂直钻 Vertical drill bits	上钻:12个,下钻9个 TOP: 12pcs,Bottom:9pcs	上钻:9个,下钻9个 TOP: 9pcs,Bottom:9pcs	上钻:9个,下钻9个 TOP: 9pcs,Bottom:9pcs	上钻:12*2个,下钻9个 TOP: 12*2pcs,Bottom:9pcs
	水平钻 Horizontal drill bits	8个	8个	8个	16个
	钻组电机转速 Drilling head motor speed	2800rpm(r/min)	2800rpm(r/min)	2800rpm(r/min)	2800rpm(r/min)
铣削加工 主轴 Milling spindle	电机功率 Motor Power	2.2kw*2	2.2kw*2	2.2kw*2	2.2kw*3
	主轴功率 Spindle power	3.5kw	3.5kw*2	3.5kw	3.5kw*2
	刀柄直径 Tool holder diameter	1/2"	1/2"	1/2"	1/2"
加工尺寸范围 Processing size range	主轴速度 Spindle speed	18000rpm	18000rpm	18000rpm	18000rpm
	板材最大宽度 Max. Width of panel	1200mm	1200mm	1200mm	1200mm
	板材最小宽度 Min. Width of panel	50mm	50mm	50mm	50mm
	板材最大长度 Max. Length of panel	5000mm	5000mm	5000mm	5000mm
	板材最小长度 Min. Length of panel	250mm	250mm	250mm	250mm
	板材最大厚度 Max. Thickness of panel	48mm	48mm	48mm	48mm
其他参数 Other parameters	板材最小厚度 Min. Thickness of panel	10mm	10mm	10mm	10mm
	工作台高度 Height of working table	960mm	960mm	960mm	960mm
	总功率 Total power	31.05KW	18.15KW	20.65KW	22.35KW
	工作电压 Working voltage	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
	吸尘流量 Vacuum flow	7200m³/h	7200m³/h	7200m³/h	9400m³/h
	机器净重 Weight	3700kg	3450kg	3450kg	3850kg
机器外形尺寸 Overall size	6480*2840*2200mm	6480*2840*2200mm	6480*2840*2200mm	6480*2840*2200mm	

型号参数	Model	SKH-612MST	SKH-612N	SKH-612NT	SKH-612NS	SKH-612NST
各轴行程 & 最高定位速度 Axis travel & maximum positioning speed	X轴 X axis	5410mm & 130m/min	4610mm & 130m/min	4610mm & 130m/min	4610mm & 130m/min	4610mm & 130m/min
	Y轴 Y axis	1630mm & 85m/min	1660mm & 85m/min	1660mm & 85m/min	1690mm & 85m/min	1690mm & 85m/min
	Z轴 Z axis	140mm & 30m/min	130mm & 30m/min	130mm & 30m/min	130mm & 30m/min	130mm & 30m/min
	U轴 U axis	5410mm & 130m/min	4610mm & 130m/min	4610mm & 130m/min	4610mm & 130m/min	4610mm & 130m/min
	V轴 V axis	1340mm & 80m/min	1360mm & 80m/min	1360mm & 80m/min	1360mm & 80m/min	1360mm & 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	1210mm & 30m/min	1210mm & 30m/min	1210mm & 30m/min	1210mm & 30m/min
	Y2轴 Y2 axis	1630mm & 85m/min	-	-	1690mm & 85m/min	1690mm & 85m/min
钻孔组合装置 Drilling box configuration	Z2轴 Z2 axis	90mm & 30m/min	-	-	130mm & 30m/min	130mm & 30m/min
	垂直钻 Vertical drill bits	上钻:12*2个,下钻9个 TOP: 12*2pcs,Bottom:9pcs	上钻:9个,下钻9个 TOP: 9pcs,Bottom:9pcs	上钻:9个,下钻9个 TOP: 9pcs,Bottom:9pcs	上钻:24个,下钻9个 TOP: 24pcs,Bottom:9pcs	上钻:24个,下钻9个 TOP: 24pcs,Bottom:9pcs
	水平钻 Horizontal drill bits	16个	8个	8个	16个	16个
	钻组电机转速 Drilling head motor speed	2800rpm(r/min)	2800rpm(r/min)	2800rpm(r/min)	2800rpm(r/min)	2800rpm(r/min)
铣削加工 主轴 Milling spindle	电机功率 Motor Power	2.2kw*3	2.2kw*2	2.2kw*2	2.2kw*3	2.2kw*3
	主轴功率 Spindle power	3.5kw	3.5kw*2	3.5kw	3.5kw*2	3.5kw*2
	刀柄直径 Tool holder diameter	1/2"	1/2"	1/2"	1/2"	1/2"
加工尺寸范围 Processing size range	主轴速度 Spindle speed	18000rpm	18000rpm	18000rpm	18000rpm	18000rpm
	板材最大宽度 Max. Width of panel	1200mm	1200mm	1200mm	1200mm	1200mm
	板材最小宽度 Min. Width of panel	50mm	50mm	50mm	50mm	50mm
	板材最大长度 Max. Length of panel	5000mm	4200mm	4200mm	4200mm	4200mm
	板材最小长度 Min. Length of panel	250mm	250mm	250mm	250mm	250mm
	板材最大厚度 Max. Thickness of panel	48mm	48mm	48mm	48mm	48mm
其他参数 Other parameters	板材最小厚度 Min. Thickness of panel	10mm	10mm	10mm	10mm	10mm
	工作台高度 Height of working table	960mm	850mm	850mm	850mm	850mm
	总功率 Total power	24.85KW	18.02KW	20.52KW	22.22KW	24.72KW
	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	9400m³/h	7200m³/h
	机器净重 Weight	3850kg	2440kg	2440kg	2520kg	2520kg
机器外形尺寸 Overall size	6480*2840*2200mm	5470*2625*2200mm	5470*2625*2200mm	5470*2625*2200mm	5470*2625*2200mm	



# SKC-255 CNC

## 数控侧孔钻

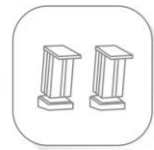
CNC side drilling machine



工艺流程解析  
Process analysis



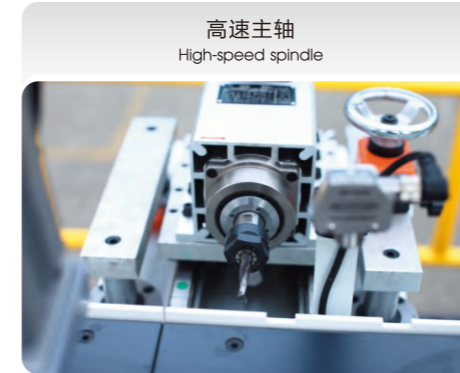
a. 定位精准  
Precise positioning



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



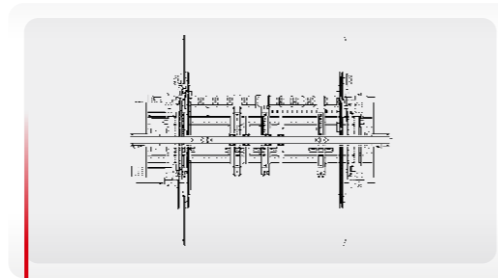
a. 自动送料  
Automatic feeding



b. 气缸压料  
Cylinder pressure



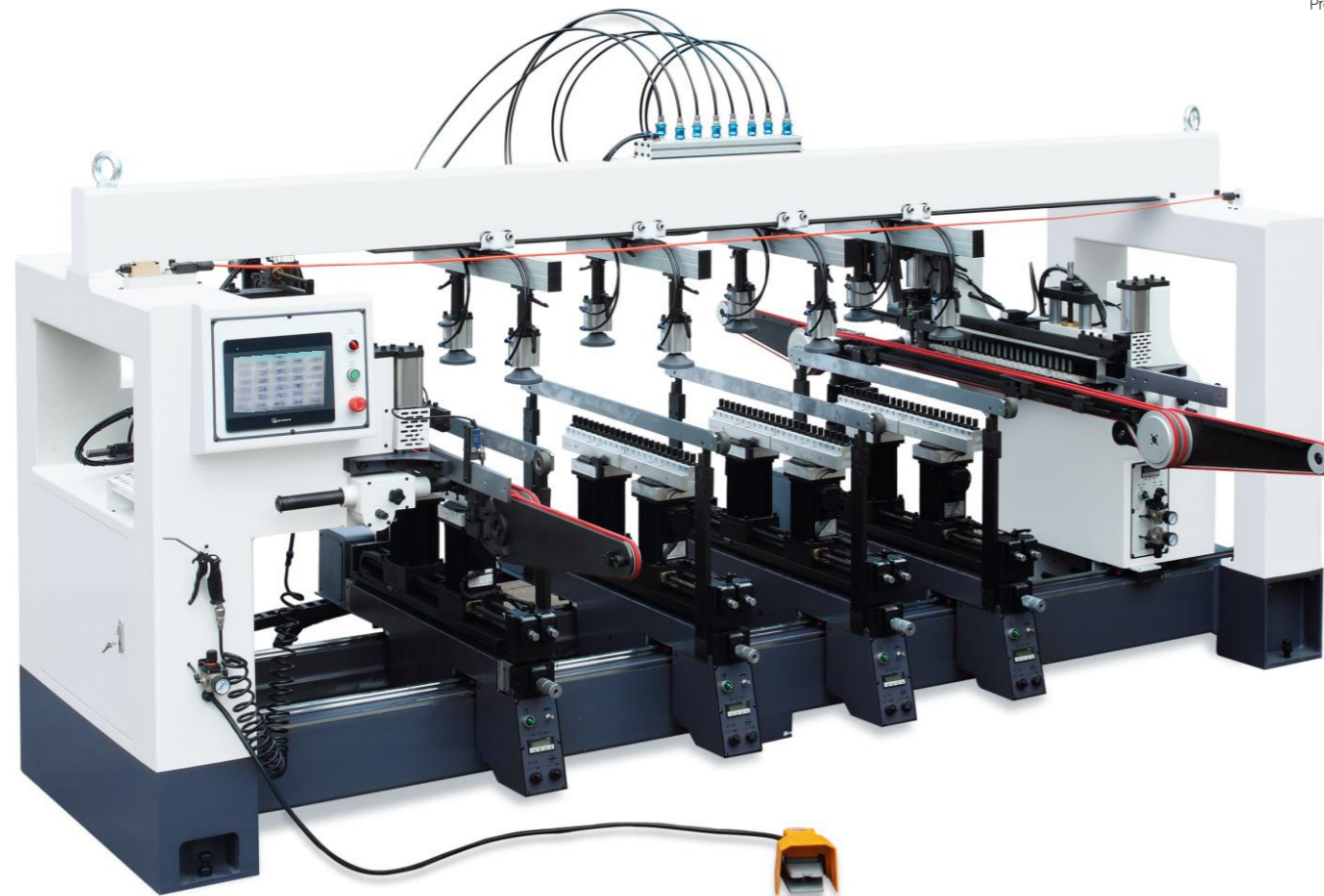
c. 精准钻孔  
Precision drilling



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)	Processing 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
总功率	total power	16.5kw
机器重量	Machine weight	2300kg



# HCL-302 CNC

## 木工五排钻

Five rows multi drilling machine



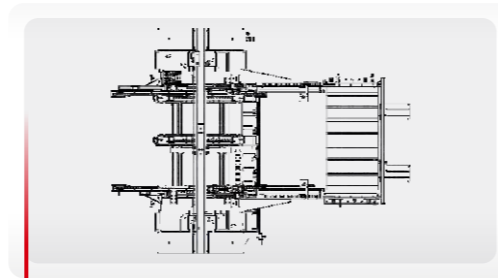
a. 自动叠料  
Automatic stacking



b. 升降台下料  
Lifting unloading platform



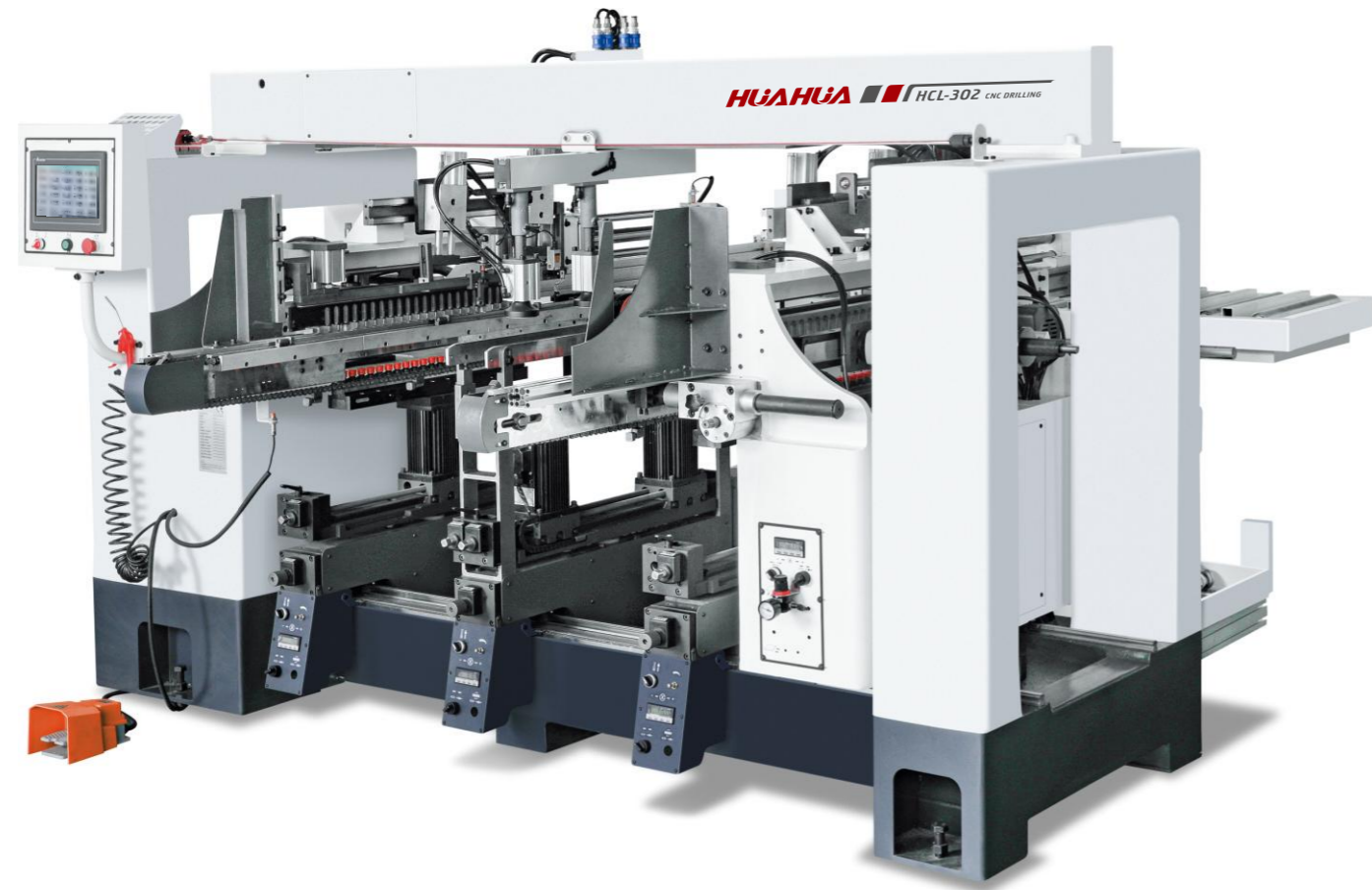
c. 精准钻孔  
Precision drilling



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

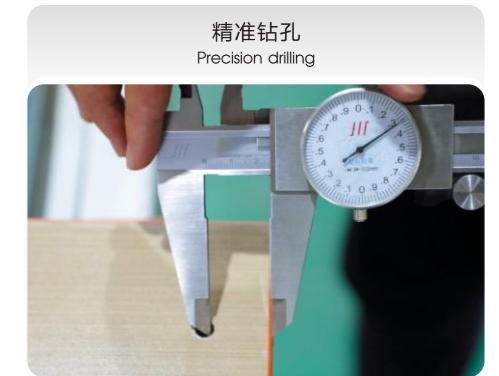
a. Automatic stacking device, reducing manual stacking,  
improving production efficiency, saving time and salary



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

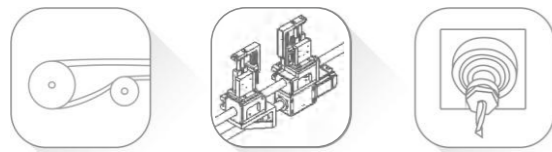
c. Precisely control drilling, improve processing accuracy,  
and ensure that each processed panel is controlled  
within 0.1mm

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)	单板:50-600mm / 双板:50-300mm Single board: 50-600mm/double board: 50-300mm
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)

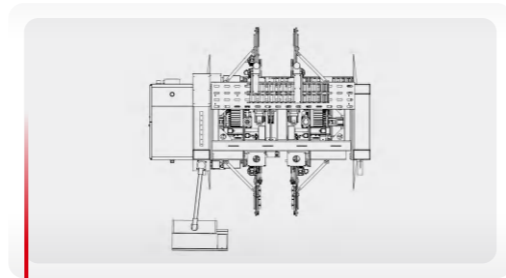


# HCL-222 CNC

## 数控四排钻 Four rows CNC drilling machine



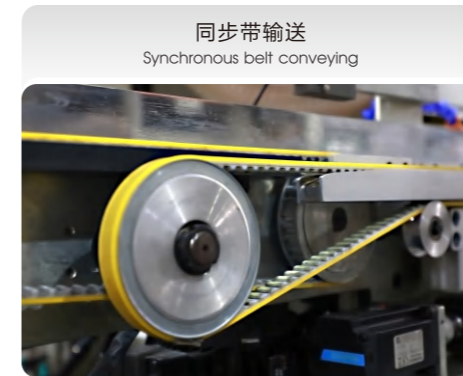
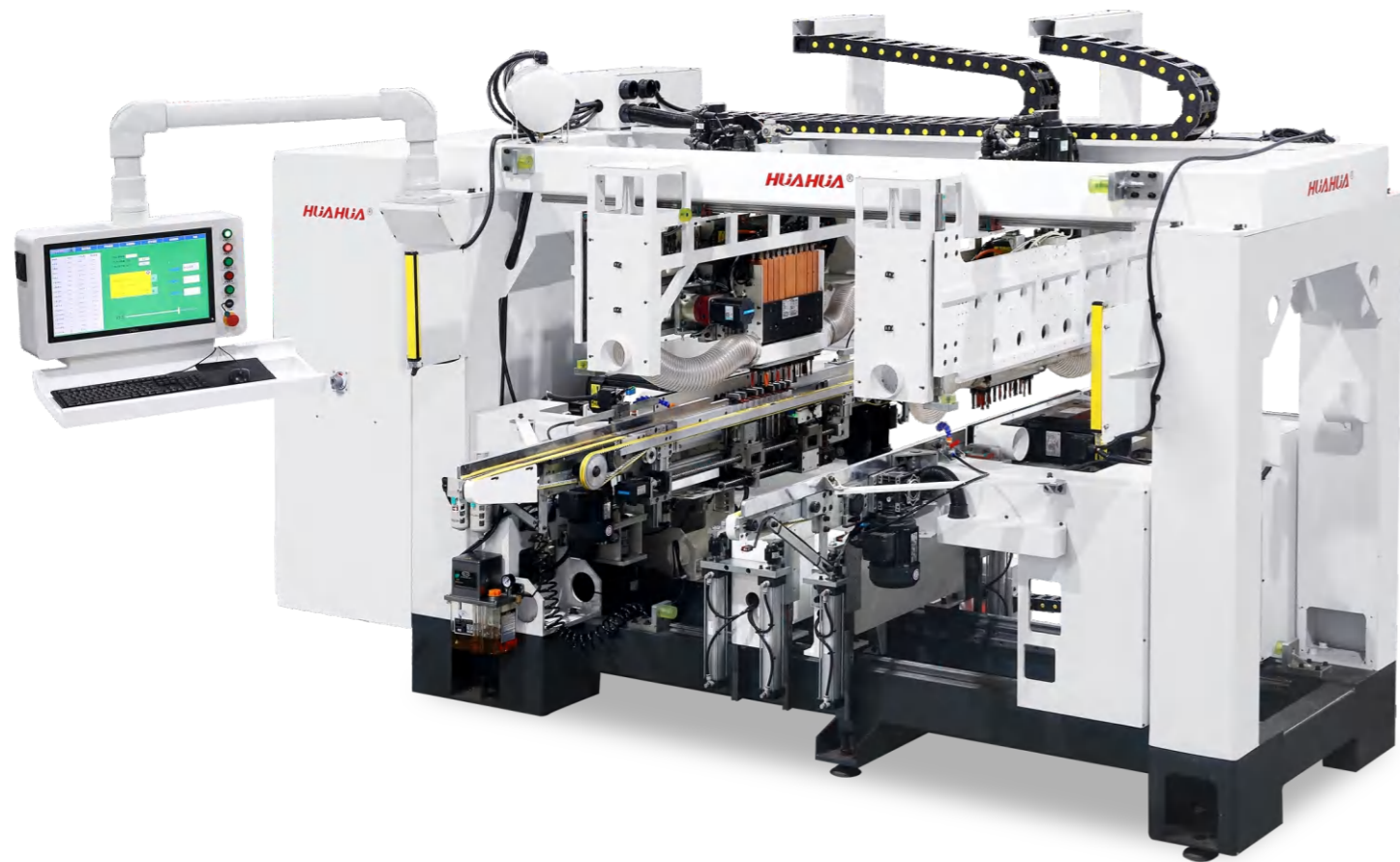
a. 同步带输送 Synchronous belt conveying  
b. 双伺服夹爪定位 Dual Servo Gripper Positioning  
c. 精准钻孔 Precision drilling



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



全伺服控制 Full servo control

b. 16个伺服电机，全伺服控制、伺服定位、伺服打孔 可任意控制单边加工，可加工50\*160mm的小板

b. 16 servo motors, fully servo control, servo positioning, servo drilling, can be arbitrarily controlled for unilateral processing, and can process small boards of 50 \* 160mm



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)	160-800mm
加工宽度(Y轴) Processing width ( Y axis )	50-300mm
最大加工厚度 Max. processing thickness	10-50mm
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 head:10pcs.Right drilling head:10pcs
垂直钻头数 Number of vertical drill bits	上左钻: 14个 上右钻: 14个 Up left drilling head:14pcs.Up right drilling head:14pcs
加工深度 Processing depth	Max 45mm
工作台面高度 Height of working table	975mm
总功率 Total power	22.53kw
机器净重 Machine weight	3000kg
外形尺寸 Overall size	3600*2800*2200mm



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