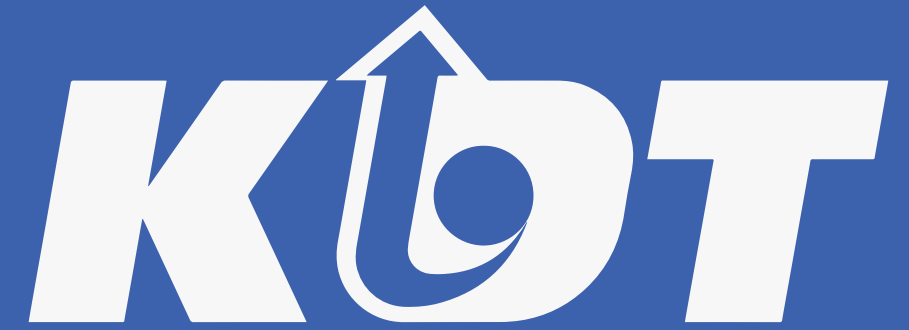




EMPOWERING SMART HOME TECHNOLOGY

为家居智造赋能



广东万合智能装备有限公司

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The pictures and specification contained are not binding, and may subject to changes.



微信公众号
Weixin Official ID



抖音官方号
Tiktok

弘亚数控集团
股票代码 002833

广东万合智能装备有限公司



公司简介 Company Profile

广东万合智能装备有限公司，KDT 弘亚数控集团旗下企业，凭非凡实力在智能装备领域迅速崛起。公司坐落于佛山，依托优越地理位置与工业文化，实现跨越发展。KDT弘亚数控集团为万合提供坚实后盾，以深厚底蕴、前瞻视野及卓越管理，助力万合发展。万合精准洞察市场，紧跟技术革新，推动包装装备行业转型升级。万合智能装备科技创新领先，与国内外顶尖机构合作，引进先进技术，同时注重自主创新，产品设计、制造及质量控制成就显著，树立行业标杆。

公司产品涵盖纸箱裁切机、测量站、封箱机及柔性包装线等，性能卓越，品质优良，赢得国内外市场赞誉，打入欧美市场，展现中国智造实力。客户服务方面，万合秉持“以客户为中心”，提供专业、高效、贴心服务。专业团队深入了解需求，提供定制解决方案与个性化体验，赢得客户信赖。展望未来，万合将继续秉承“追求卓越、创新发展”理念，在弘亚数控支持下，深化技术创新与市场拓展，创造价值。同时，积极承担社会责任，促进行业繁荣，共绘辉煌未来。

Guangdong Wanhe Intelligent Equipment Co., Ltd., an enterprise under the KDT Hongya CNC Group, has rapidly emerged in the field of intelligent equipment with extraordinary strength. Located in Foshan, the company has achieved leapfrog development based on its superior geographical location and industrial culture. With the strong backing of the KDT Hongya CNC Group, Wanhe has been able to grow with its profound heritage, forward-looking vision, and excellent management. Wanhe accurately grasps the market and keeps up with technological innovation, promoting the transformation and upgrading of the packaging equipment industry. With leading technological innovation in smart equipment, Wanhe collaborates with top institutions at home and abroad to introduce advanced technologies while emphasizing independent innovation. Its product design, manufacturing, and quality control have achieved remarkable results, establishing industry benchmarks.

The company's products include carton cutting machines, measuring stations, sealing machines, and flexible packaging lines, among others. With excellent performance and high quality, they have won praise in both domestic and international markets, penetrating the European and American markets and demonstrating the strength of Chinese smart manufacturing. In customer service, Wanhe adheres to the customer-centric principle, providing professional, efficient, and caring services. Its professional team deeply understands customer needs, providing customized solutions and personalized experiences that have won trust from customers. Looking to the future, Wanhe will continue to adhere to the pursuit of excellence and innovative development philosophy. With the support of Hongya CNC, it will deepen technological innovation and market expansion to create value. At the same time, it will actively undertake social responsibilities, promote industry prosperity, and co-create a brilliant future.

Strategic Partners

战略合作伙伴（排名不分先后）

ZUOYOU
左右家居

邦元
名匠

A HOME
A家家居

AJIA
HOME

Ego 易高整家定制
专业环保定制 整家一体交付

BO
铂海家居
BOHAIJIAJU

FANIAO® 法尼奥
衣柜 | 门墙定制

KAPA
开派全屋定制
—— 让定制更简单 ——

BAODAO 宝岛

GADITH HOME
嘉蒂斯

UPNISA | 全屋定制
全屋定制 整装交付

小居呢客
更适合做整装的整装品牌

ODIN
欧蒂尼
定制新美学 · 让美更好

AD
安得装饰
ANDE DECORATION
全国住宅装饰知名品牌 · 百强企业

R·HUA
荣华家具

HIMAGIC
瀚美居

— 诺慕思 —

普泽大健康
PUZE HEALTH

现代筑美®家居

|||||

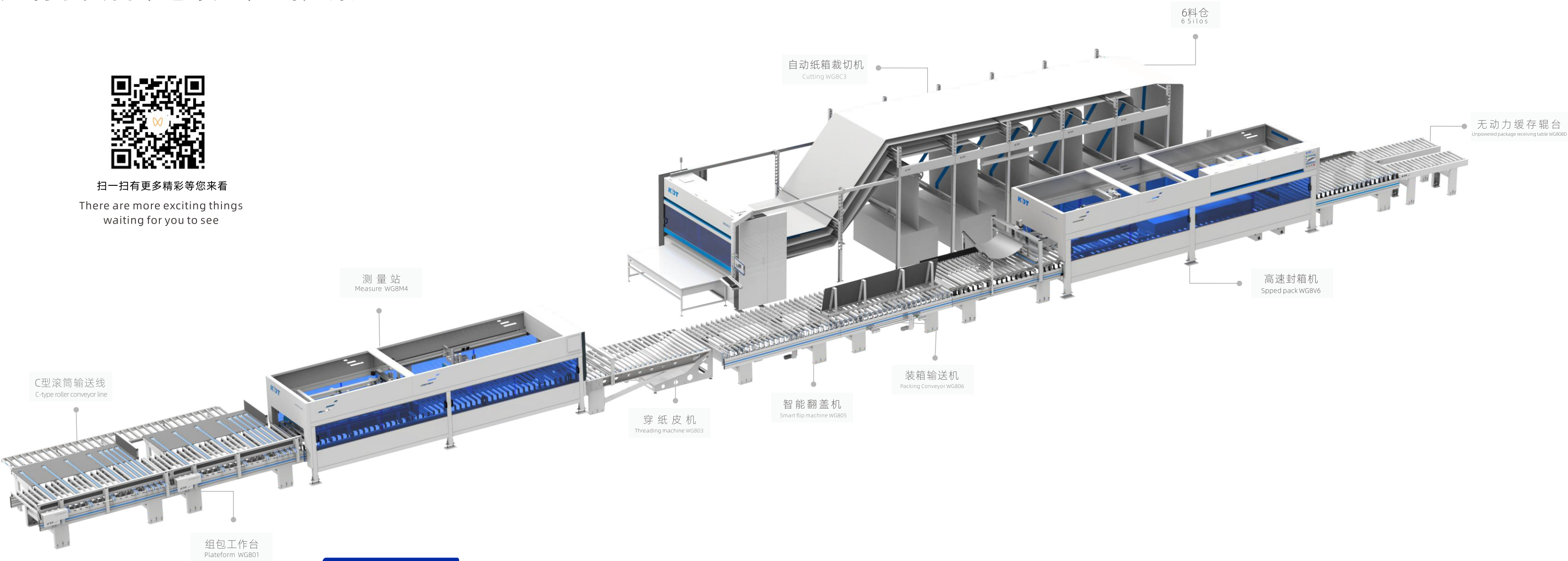
鸣谢：一直给予我们支持与帮助的尊贵客户
Thanks: Valued customers who have been giving us support and help

Production Line Solution

板式定制家具自动包装生产线方案



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There are more exciting things
waiting for you to see



工作流程 Work process



Cutting 8C1

自动纸箱裁切机



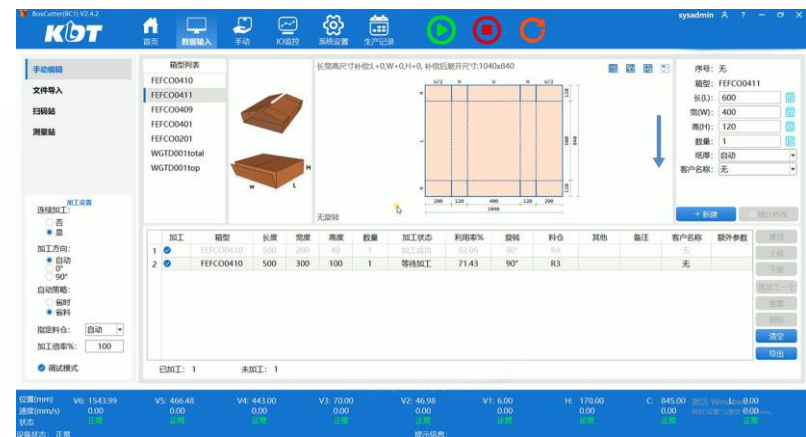
技术参数 Technical Parameters

最大纸垛宽幅 Maximum paper stack width	1600mm	生产效率 Productivity	3-6包/分钟 3-6 packs/minute	外形尺寸 Dimensions	10000L*2500W*2500H mm
最小纸垛宽幅 Minimum paper stack width	300mm	最小裁切间距 Minimum cutting spacing	18mm	可裁纸箱长度 Cuttable box length	350mm以上 350mm above
刀具数量 Number of knives	6纵刀+1横刀 6 vertical knife + 1 horizontal knife	设备伺服 Equipment servo	3套独立伺服 3 sets of independent servo	可裁纸箱宽度 Carton width can be cut	18-1580mm
瓦楞纸厚度 Corrugated paper thickness	3-10.5mm	电源 Power supply	380V/50HZ		
功率 Power	9KW				

八大性能优势

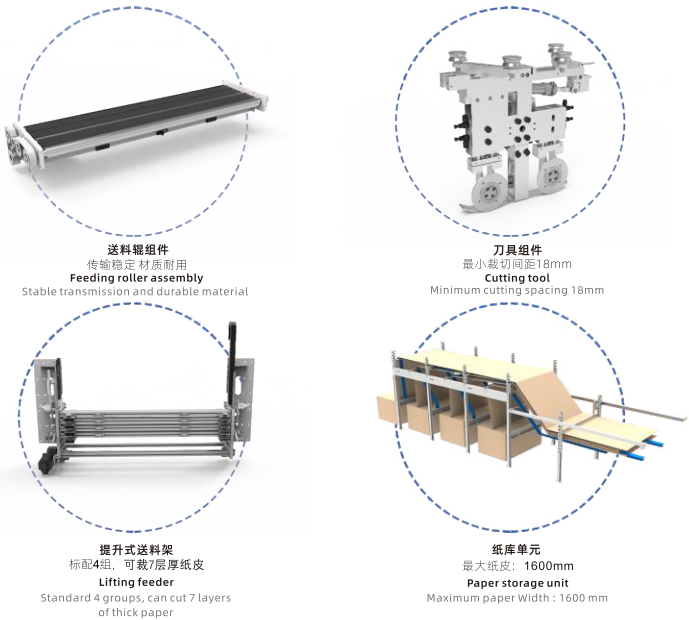
Eight major performance advantages

总线驱控系统，性能更贴近与中小型定制家具企业需求
Bus drive control system, performance closer to the needs of small and medium-sized customized furniture enterprises



- 多类别:可自定义箱型，生产40多种符合国际标准的纸箱；
高精度:定尺裁切纵向公差:最大0.4%，定尺裁切横向公差:最大±2.0mm；
高兼容:瓦楞纸厚度与宽度，包装箱尺寸兼容性大；
高智能:智能排产和任务调度，对系统中纸库、箱型、任务单以及系统参数等进行全智能化管理；
生产加工设置多样化:生产模式:手动编辑，文件导入，扫码站，测量站，加工设置:连续加工，加工方向，省时省料；
可靠性强:设计有机械防护、电气检测、软件互锁等多重安全防护，确保人员、设备自身机构、系统数据安全；
低损耗:智能优化裁切补偿算法，通过计算0°与90°裁切方向余量，自动匹配最佳纸库及出纸方向，使纸皮利用率实现最大化；
易维护:具备故障的智能诊断与预警提示；

- Multiple categories: Customizable box shapes, producing over 40 types of paper boxes that meet international standards.
High precision: The maximum vertical cutting tolerance is 0.4%, and the maximum horizontal cutting tolerance is ±2.0mm.
High compatibility: Corrugated paper thickness and width, large compatibility with packaging box size.
High intelligence: Intelligent production scheduling and task dispatching, for the full intelligent management of paper storage, box types, task orders, and system parameters in the system.
Diversification of production and processing settings: production mode: manual editing, file import, scanning station, measuring station, Processing settings: continuous processing, processing direction, time-saving and material-saving.
Reliability: It is designed with multiple safety protections such as mechanical protection, electrical testing, and software interlocking to ensure the security of personnel, equipment, and system data.
Low loss: Intelligent optimization cutting compensation algorithm, by calculating the allowance of 0° and 90° cutting direction, it automatically matches the optimal paper magazine and paper output direction to maximize the utilization rate of paper.
Intelligent maintenance: Intelligent diagnosis and early warning of faults.



Cutting 8C1H1W1

自动纸箱裁切机

设备性能

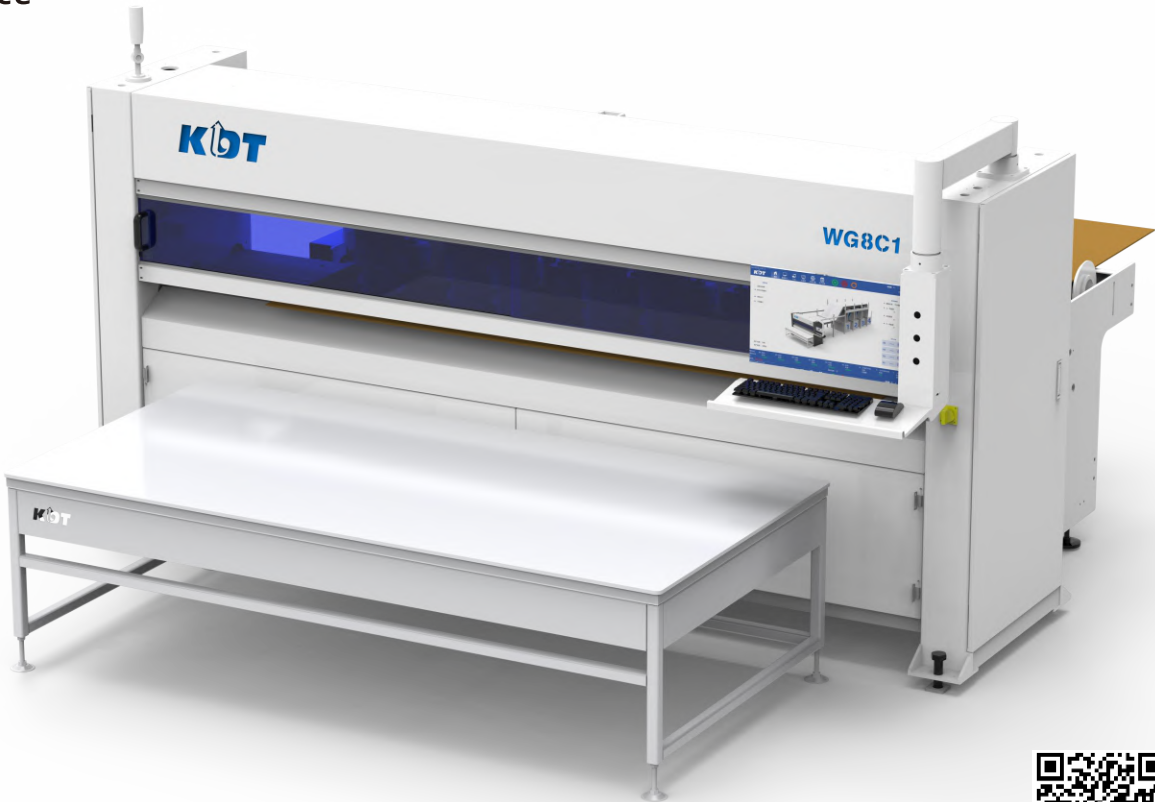
Equipment performance

前沿送纸, 单张纸板连续送纸
Front-edge feeding can achieve continuous feeding of single cardboard

默认5种标准箱型, 可自定义加工
Default 5 standard boxes type, customizable processing

支持联机扫码模式
Support online code scanning mode

前后刀配置, 裁切精准
Front and rear blade configuration, precise cutting



全球首发!

Global Premiere!



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技术参数 Technical Parameters

最大纸垛宽幅 Maximum paper stack width	2500mm	标配纸库数量 Standard paper satck quantity	1仓 (可升级连续纸板库) 1 silos(Upgradable continuous cardboard library)	外形尺寸 Dimensions	2280L*3400W*1800H mm
最小纸垛宽幅 Minimum paper stack width	300mm	最小裁切间距 Minimum cutting spacing	18mm	可裁纸箱长度 Cutable box length	160mm以上 160mm above
刀具数量 Number of knives	6纵刀+1横刀 6 vertical knife + 1 horizontal knife	设备伺服 Equipment servo	3套独立伺服 3sets of independent servo	可裁纸箱高度 Carton height can be cut	18-1175mm
瓦楞纸厚度 Corrugated paper thickness	3-10.5mm	电源 Power supply	380V/50HZ	前沿送纸 Front-end paper feeding	配真空吸附 Vacuum adsorption
生产效率 Productivity	6-10包/分钟 6-10 packs/minute	功率 Power	18KW		

Cutting 8C1H1P1

自动纸箱裁切机



可单机使用亦可升级包装线使用
Can be used alone or with upgraded packaging line



可批量亦可柔性化生产
Can be produced in bulk or flexibly



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技术参数 Technical Parameters

最大纸垛宽幅 Maximum paper stack width	1600mm	标配纸库数量 Standard paper satck quantity	1仓 (可升级连续纸板库) 1 silos(Upgradable continuous cardboard library)	外形尺寸 Dimensions	3500L*2500W*1800H mm
最小纸垛宽幅 Minimum paper stack width	300mm	最小裁切间距 Minimum cutting spacing	18mm	可裁纸箱长度 Cutable box length	160mm以上 160mm above
刀具数量 Number of knives	6纵刀+1横刀 6 vertical knife + 1 horizontal knife	设备伺服 Equipment servo	3套独立伺服 3sets of independent servo	可裁纸箱高度 Carton height can be cut	18-1175mm
瓦楞纸厚度 Corrugated paper thickness	3-7mm	电源 Power supply	380V/50HZ		
生产效率 Productivity	3-6包/分钟 3-6 packs/minute	功率 Power	12KW		



Cutting 8C3

自动纸箱裁切机

设备性能

Equipment performance

可单机使用亦可升级为包装生产线
Can be used independently,
can be upgraded to a packaging production line

默认5种标准箱型，可自定义加工
Default 5 standard boxes type,
customizable processing

六纸库（选配12仓）
Six paper silos
(Optional 12 silos)

一键调刀支持跳刀工艺
One-click tool adjustment
Support skipping process



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技术参数 Technical Parameters

最大纸垛宽幅 Maximum paper stack width	2500mm	标配纸库数量 Standard paper satck quantity	1-6仓 1-6 silos	外形尺寸（六纸库） Dimensions（Six paper storage）	14000L*3500W*3000H mm
最小纸垛宽幅 Minimum paper stack width	300mm	最小裁切间距 Minimum cutting spacing	18mm	可裁纸箱长度 Cutable box length	160mm以上 160mm above
刀具数量 Number of knives	7纵刀+1横刀 7 vertical knife + 1 horizontal knife	设备伺服 Equipment servo	10套独立伺服 10 sets of independent servo	可裁纸箱高度 Carton height can be cut	18-1175mm
瓦楞纸厚度 Corrugated paper thickness	3-10.5mm	电源 Power supply	380V/50HZ		
生产效率 Productivity	6-12包/分钟 6-12 packs/minute	功率 Power	10KW		

Cutting 8C5

自动纸箱裁切机



德国倍福控制器、全独立ABB伺服驱动
German Beckhoff system、
Fully independent ABB servo drive

- 圆盘刀具，使用寿命更长
压痕裁切无粉尘，无需吸尘系统
默认5种标准箱型，可自定义箱型
全伺服控制（8把纵刀+1把横刀）
工作效率6-12包/分钟
- Disc cutters for longer service life;
No dust in crease cutting, no need for dust collection system
Default 5 standard box types, customizable box types
All servo control（8 vertical knives, 1 horizontal knife）
Work efficiency 6-12 packs/min

横切刀

ABB伺服控制横刀

标准压痕压轮

标准圆盘切刀

Cross-cutting knife

ABB servo-controlled cross-knife

standard indentation crimping wheels

Standard disc cutter

纵切刀

ABB伺服控制纵刀，最多12轴，即12把刀

标准压痕压轮

标准圆盘切刀

Longitudinal cutting knife

ABB servo-controlled longitudinal

knife, up to 12 axes, 12 knives

standard indentation wheels

Standard disc cutter

刀刃结构

标准刀刃：最小中心距18mm

外侧偏向刀刃：最小中心距117mm

Blade structure

Standard blade: Minimum center distance 18mm

Offset outer blade: Minimum center distance 117mm



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Product details

产品细节



伺服驱动

Servo drive



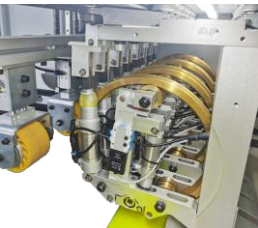
伺服电机

Servo motor



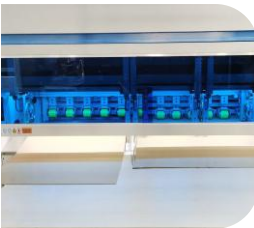
进料压轮

Feed pressure wheels



纵刀刀具

Longitudinal cutters



左右基准

Left and right benchmarks

Speed pack 8V6

高速封箱机

效率：4-6包/分钟（定制类）
6-8包/分钟（工程类）
Efficiency: 4-6 packs/min (Customized category)
6-8 packs/min (thermostatic)



设备规格：12700X2300X2100mm
Equipment specifications:12700X2300X2100mm



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主要特点 Main Feature

- 全自动热熔胶系统恒温胶管，恒温喷胶枪
连续封箱，双工位封箱效率高
角度误差:最大0.05°(长度与宽度之间的直角度)
Automatic hot melt adhesive system thermostatic hose,
Thermostatic glue gun
Continuous sealing, double station sealing high efficiency
Angle error:The maximum is 0.05degree(the straight angle between the length and the width)

- 高速封箱机用途
使用对型号FEFCO0410纸板箱进行封箱
适用于大批量作业及单件生产
High-speed sealing machine usage
Using the FEFCO0410 type cardboard box for sealing
Pre-folded carton
Suitable for mass production and single-piece production
- 预先折好纸箱

Product details

产品细节



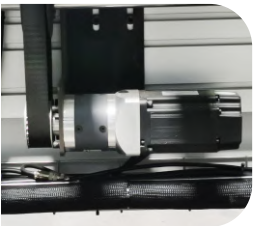
滚动封箱
Rolling sealing



侧封压梁
Side seal pressure beam



辊台电机
Roller table motor



喷胶伺服
Glue spraying servo

Speed pack 8V5/8V5S

高速封箱机



国优显示屏，亚德客气动元件
Guoyou display screen,AirTAC pneumatic devices



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主要特点 Main Feature

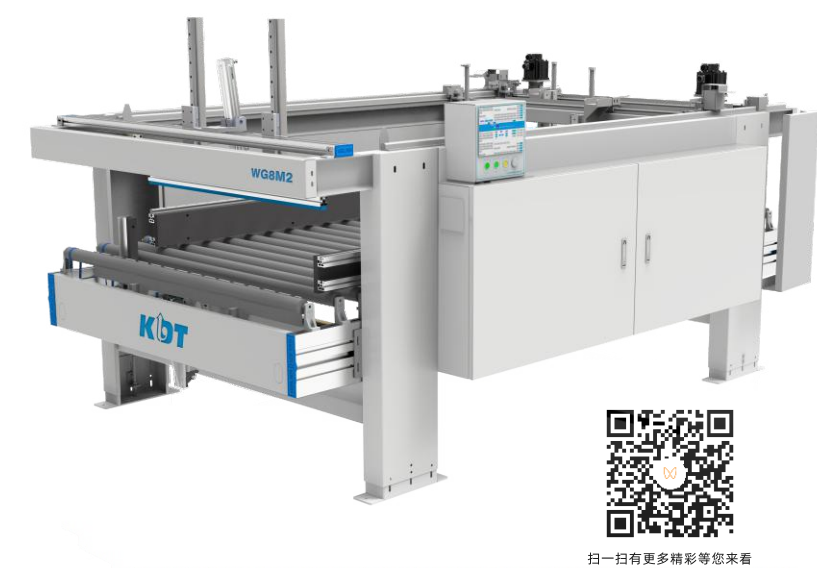
- WG8V5高速封箱机
完美密封高板件包装
含激光测距
WG8V5 high-speed sealing machine
Perfectly sealing high-end packaging
Contains laser ranging
- 可选WG8V5S高速封箱机
含激光测距
适用于多尺寸的板件包装
体积小效率高
WG8V5S high-speed sealing machine
Contains laser ranging
Suitable for multi-size packaging work
Small size and high efficiency
- 直通一体式高速封箱
一体式机箱设计，方便维护
Straight-through integration high-speed sealing
Integrated chassis design ,easy to maintenance

技术参数 Technical Parameters

设备名称 Equipment name	设备规格 Equipment specifications	最大封箱尺寸 Maximum sealing size	最小封箱尺寸 Minimum seal size	工作效率 Work efficiency	总功率 Total power
高速封箱机WG8V5 Speed pack 8V5	11500X2150X2260mm	400mm	30mm	4-5包/分钟 4-5 packs/min	13KW
高速封箱机WG8V5S Speed pack 8V5S	10000X2150mm	2500×800×380mm	300×200×50mm	4包/分钟 4 packs/min	15KW

Measure 8M2/8M4

测量站



测量站WG8M2
Measure 8M2

国优显示屏，PLC数据库阵列管理
Guoyou display screen, PLC database array management
国优直线精密导轨
Guoyou linear precision guide rail
一体式机箱设计，方便维护
Integrated chassis design for easy maintenance
单工位测量精准快速
Single-station measurement is accurate and fast
采用英威腾伺服电机，亚德客气缸
Using INVT servo motor, AirTAC cylinders



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在线测量板件的长、宽、高
The length, width and height of the board can be measured online.

测量站WG8M4
Measure 8M4

数据在线测量
Data online measurement
即时数据传输
Instant data transfer.
适用于多尺寸组包的工件
Suitable for multi-size packaging work
10" 触屏控制
10 inches touchscreen control
双工位测量效率更高
Dual-position measurement is more efficient



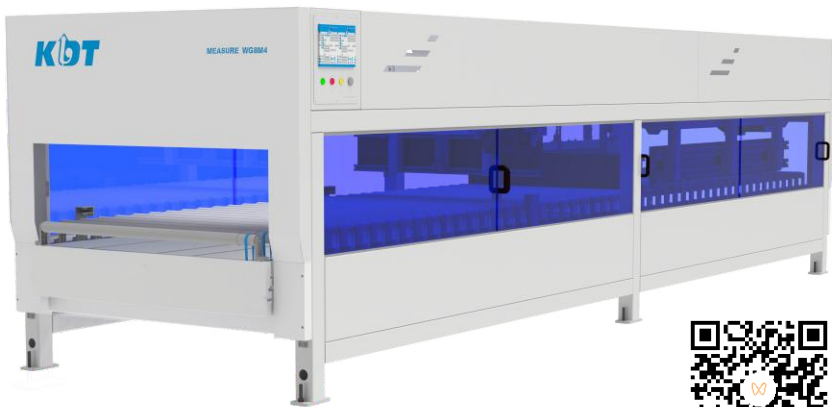
测量长度
Measuring length



测量长度
Measuring width



测量长度
Measuring height



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技术参数 Technical Parameters

设备名称 Equipment name	设备规格 Equipment specifications	最大测量尺寸 Maximum measurement size	最小测量尺寸 Minimum measurable size	工作效率 Work efficiency	总功率 Total power
测量站WG8M2 Measure 8M2	3500X2303X1740mm	2800×1200×230mm	400×300×30mm	3-4包/分钟 3-4 packs/min	2.5KW
测量站WG8M4 Measure 8M4	6700X1850X1900mm	2800×1200×250mm	250×250×36mm	4-8包/分钟 4-8 packs/min	4.5KW

Intelligent packaging production line

auxiliary machine series

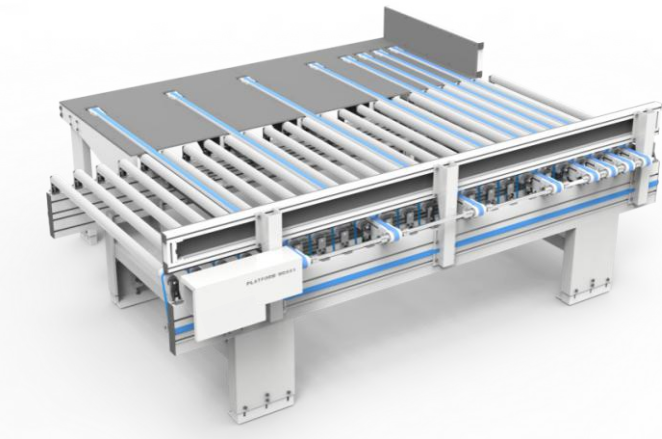
智能包装生产线辅机系列



组包工作台/801
Platform /801

- 人工在电木板台面组包，通过电机传动皮带组件，实现皮带的动力传动，实现工件的横向输送。

Manual packaging on the electric board table, through the motor drive belt assembly, to achieve the belt power transmission, to achieve the transverse transmission of the workpiece.



技术参数 Technical Parameters

设备规格(W*L*H) Equipment specifications(W*L*H)	3000*2700mm	工作高度850mm±50 Working height 850mm ±50	设备功率 Equipment power	1.5KW=(0.75KW+0.75KW)减速机 1.5KW=(0.75KW+0.75KW) reducer
设备适用 Equipment specifications	板材规格最大1200×2800mm，最小250×250mm The maximum size of the plate is 1200*2800mm, and the minimum is 250*250mm		设备载重 Equipment load	总板材重量不大于100Kg The total plate weight is not more than 100Kg

穿纸皮机/803（龙门叠包机/804）
Threading Machine/803 Paper Gantry Stacker 804

- 叠包机自动定位抓取包装板件,精准定位穿纸皮机带纸箱斜坡引板。

Automatic positioning of stacking machine to grab packaging board,accurate positioning of paper machine with carton slope guide plate.



技术参数 Technical Parameters

设备规格(W*L*H) Equipment specifications(W*L*H)	3000*2300mm	工作高度850mm±50 Working height 850mm ±50	设备功率 Equipment power	0.75KW 减速机 0.75KW reducer
结构 Structure	一体式C型钢 Integrated C-shaped steel			

Intelligent packaging production line

auxiliary machine series

智能包装生产线辅机系列



智能翻盖机/805

Smart flip machine/805

- 伺服跟踪，智能适应不同规格大小的纸箱，将展开纸皮翻起。

Servo tracking,intelligently adapt todifferent sizes of cartons and turn uptheunfolded cardboard.



技术参数

Technical Parameters

设备规格(W*L*H) Equipment specifications(W*L*H)	3000*1850mm	工作高度850mm±50 Working height 850mm ±50	手动按钮启动 Manual button start	亚德客气动元件 AirTAC pneumatic components
带纸皮翻起伺服装置 Flip-up servo device with paper sheet	国优品牌伺服电机 德国西克光电 Guoyou brand servo motor German SICK Optoelectronics		设备功率 Equipment power	1.5KW=0.75KW伺服减速机+0.75KW伺服电机 1.5KW = 0.75KW servo reducer + 0.75KW servo motor

装箱输送机/806

Packing Conveyor/806

- 电木板靠挡，带基准靠尺；自动靠挡辅助装箱防止纸皮展开。

Bakelite board on the file, with a reference ruler；Automatic gear assist packing to prevent the paper from unfolding.



技术参数

Technical Parameters

设备规格(W*L*H) Equipment specifications(W*L*H)	3000*1850mm	工作高度850mm±50 Working height 850mm ±50	设备功率 Equipment power	1.5KW=0.75KW伺服减速机+0.75KW伺服电机 1.5KW = 0.75KW servo reducer + 0.75KW servo motor
设备适用 Equipment applicable	板材规格最大1200X2800mm,最小250X250mm Maximum size of the plate1200*2800mm, Minimum size of the plate250*250mm		设备载重 Equipment load	总板材重量不大于100Kg The total sheet weight does not exceed 100Kg

顶升移栽机/807

Top up transplanting machine

- 通过电机带动（同步带/弹性带）组件，实现辊筒/皮带的动力传动，和工件的多向输送，与809搭配使用。

The motor drives the (timing belt/elastic belt) component to realize the power transmission of the roller/belt. Realize multi-directional conveyance of workpieces, and use with 809.



技术参数

Technical Parameters

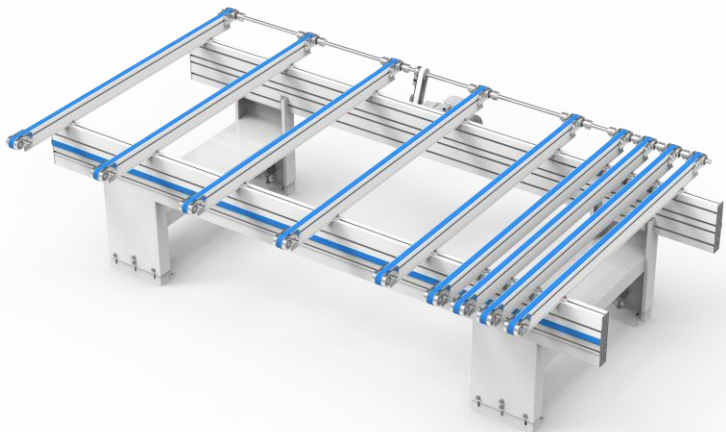
主梁 Main beam	铝型材250x50mm Aluminum alloy 250x50mm	辊筒座 Roller seat	铸铝 Cast aluminum	总功率 Total power	1.5KW
套胶辊筒 Sleeve roller	胶厚2mm Glue thickness 2mm	欧标微弹传动皮带(15X1.5mm) European standard micro-elastic transmission belt(15*1.5mm)		亚德客气动元件 AirTAC pneumatic components	

多列皮带机/809

Multi row belt conveyor

- 通过电机带动同步带组件，实现皮带的动力传动，实现工件的横向输送。

The synchronous belt assembly is driven by the motor to realize the power transmission of the belt and realize the lateral conveying of the workpiece.



技术参数

Technical Parameters

主梁 Main beam	铝型材250x50mm Aluminum alloy 250x50mm	欧标同步平移带9条 European standard synchronous belt with 9 strips	宽度20mm Width 20mm
总功率 Total power	0.75KW		

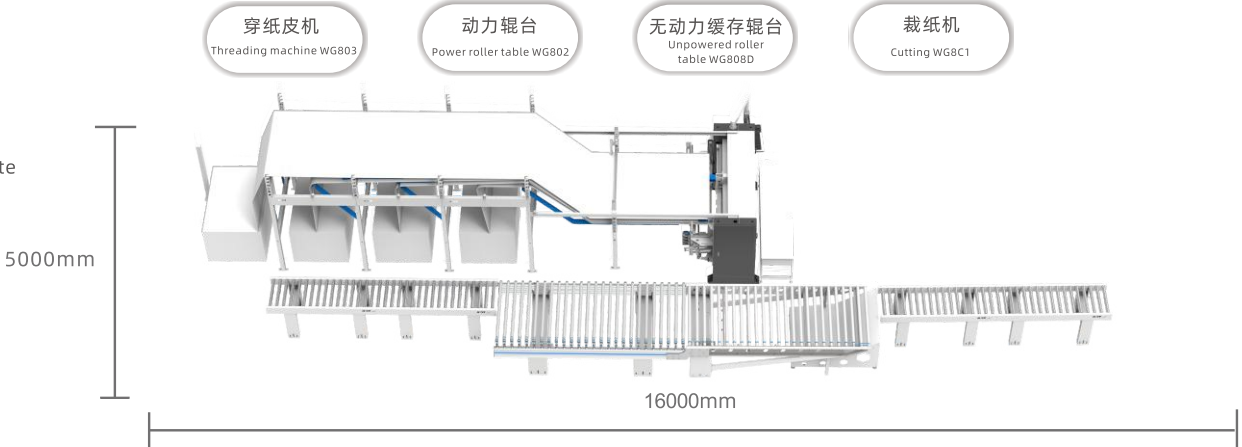


The solution of intelligent packaging
production lines
智能包装生产线方案展示



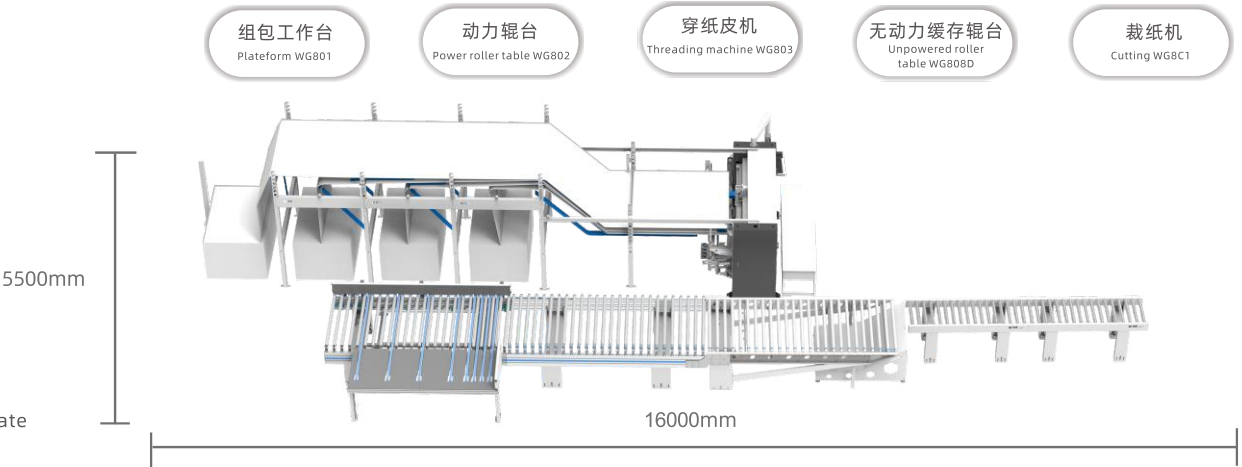
通用布局方案
General layout scheme

- 整线效率：1-2包/分钟
Whole line efficiency: 1-2 packs/minute
- 最简布局
Simplified layout
- 占地面积小，节约厂房用地
Small land area, saving factory land



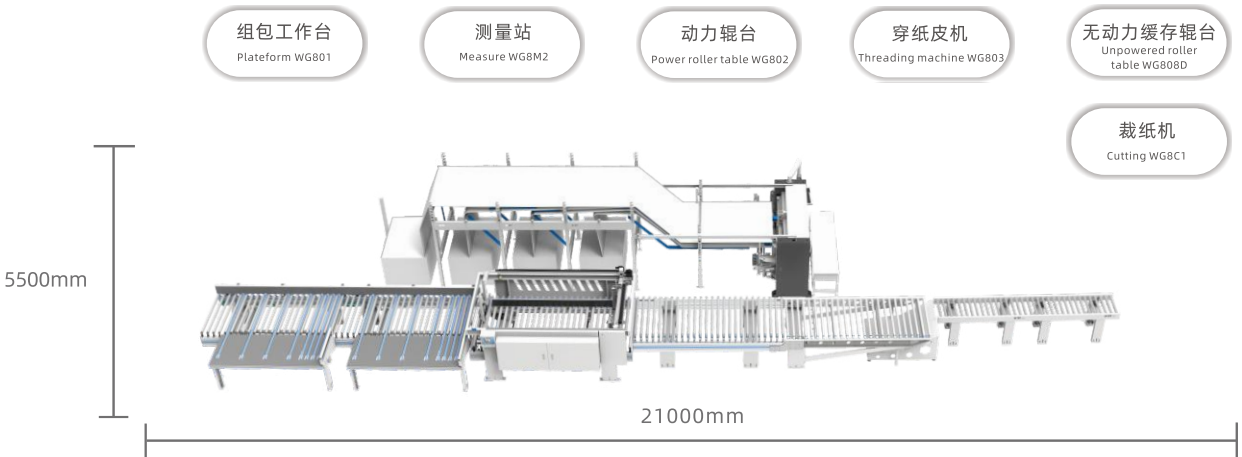
单边组包
Single Side Packaging

- 整线效率：1-2包/分钟
Whole line efficiency: 2-3 packs/minute
- 自主研发驱控系统
Self-developed drive control system
- 一体式裁切，快速精准
Integrated cutting, fast and accurate
- 提升纸皮裁切效率和利用率
Improve the efficiency and utilization rate of paper sheet cutting



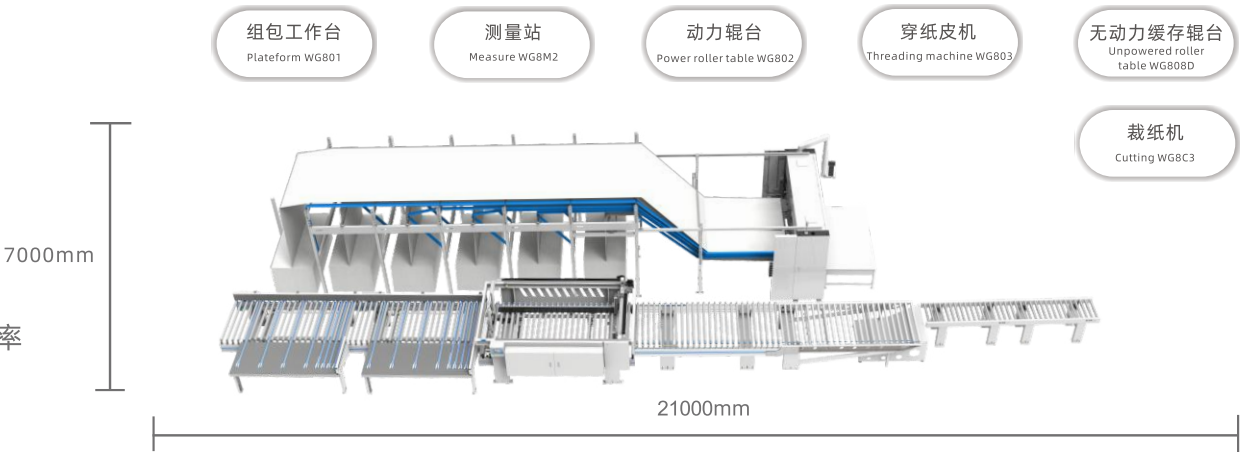
组包+测量站
Power roller tables +Measure Station

- 整线效率：2-3包/分钟
Whole-line efficiency 2-3 packets/minute
- 单工位在线测量
Single-station online measurement
- 精准、快速、稳定
Accuracy, speed, stability



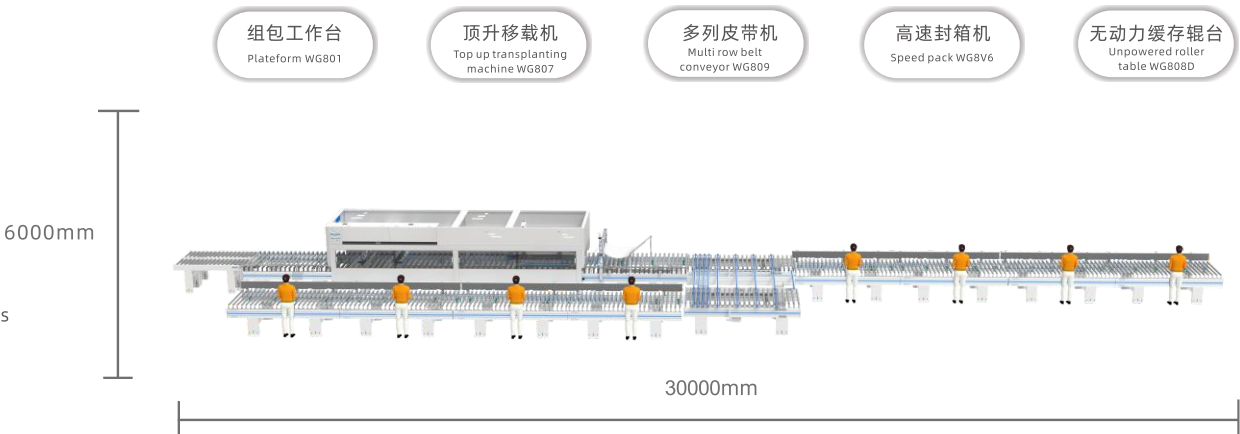
组包+测量站
Power roller tables +Measure Station

- 整线效率：2-3包/分钟
Whole line efficiency: 2-3 packs/minute
- 标配6纸库，一体化设计
Standard with 6 paper magazines, integrated design
- 降低人工成本，提升工作效率
Reduce labor costs and improve work efficiency



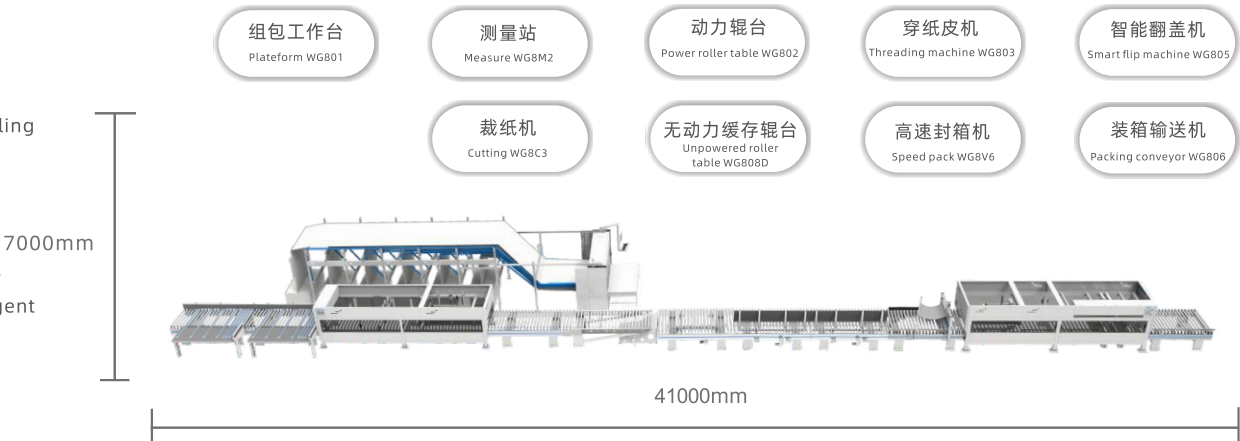
组包+封箱机
Power roller tables +Sealing machine

- 连续封箱，双工位效率更高
Continuous sealing, double station higher
- 适合批量生产包装使用
Suitable for bulk production packaging use
- 满足市场的批量化需求
Satisfy the market's batch requirements



组包+测量站+封箱机
Power roller tables+Measure Station+Sealing machine

- 自动化测量、裁切、封箱
Automatic measuring, cutting and sealing
- 智能、高效、易维护
Intelligent, efficient and easy to maintain
- 精工制作，引领智能包装前沿
Precision manufacture, leading intelligent packaging.



The solution of intelligent packaging production lines

智能包装生产线方案展示

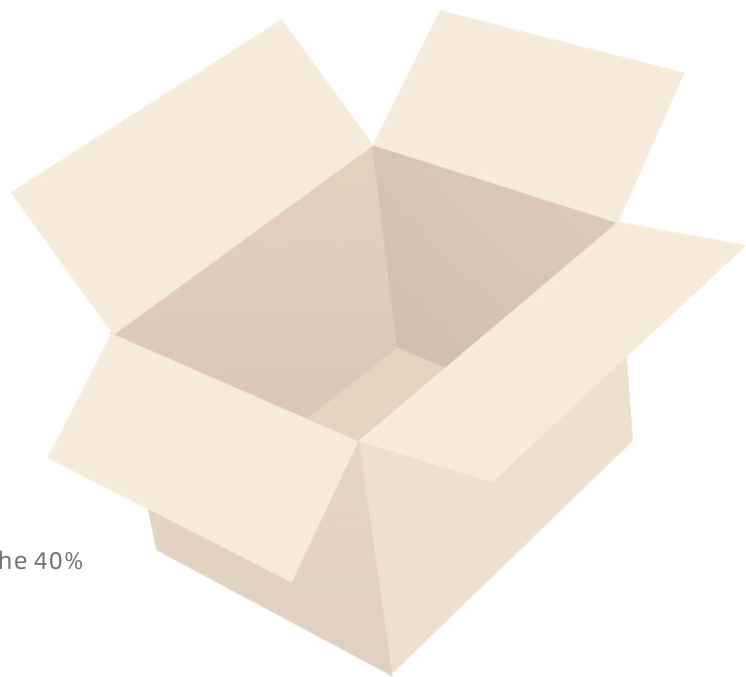


产能介绍

Introduction to production capacity

产能45000-60000平方/月
占地面积 50*7m²(50000L*7000Wmm)
用人数量10-11人
相比于人工产能提升了40%以上

Production capacity45,000-60,000 square meters/month
Covers an area of 40*9m²(40000L*9000Wmm)
Number of employees 10-11 people
Compared with manual production capacity increased by more the 40%



性能特点

Performance characteristics

智能柔性包装生产线，具备高速、高精度、高稳定等特点；专业解决包装不美观、费纸、耗费人工等痛点和难题。KDT自主研发控制系统，测量、裁切、封箱一步到位！裁纸机智能分析，选择最佳裁切算法和纸库纸皮裁切纸箱。可选用双品牌纸皮，采用全独立伺服驱动控刀，调刀速度提升30%以上；裁切更快速，包装外形更美观、更规范，轻松实现豆腐块包装，提升企业形象。

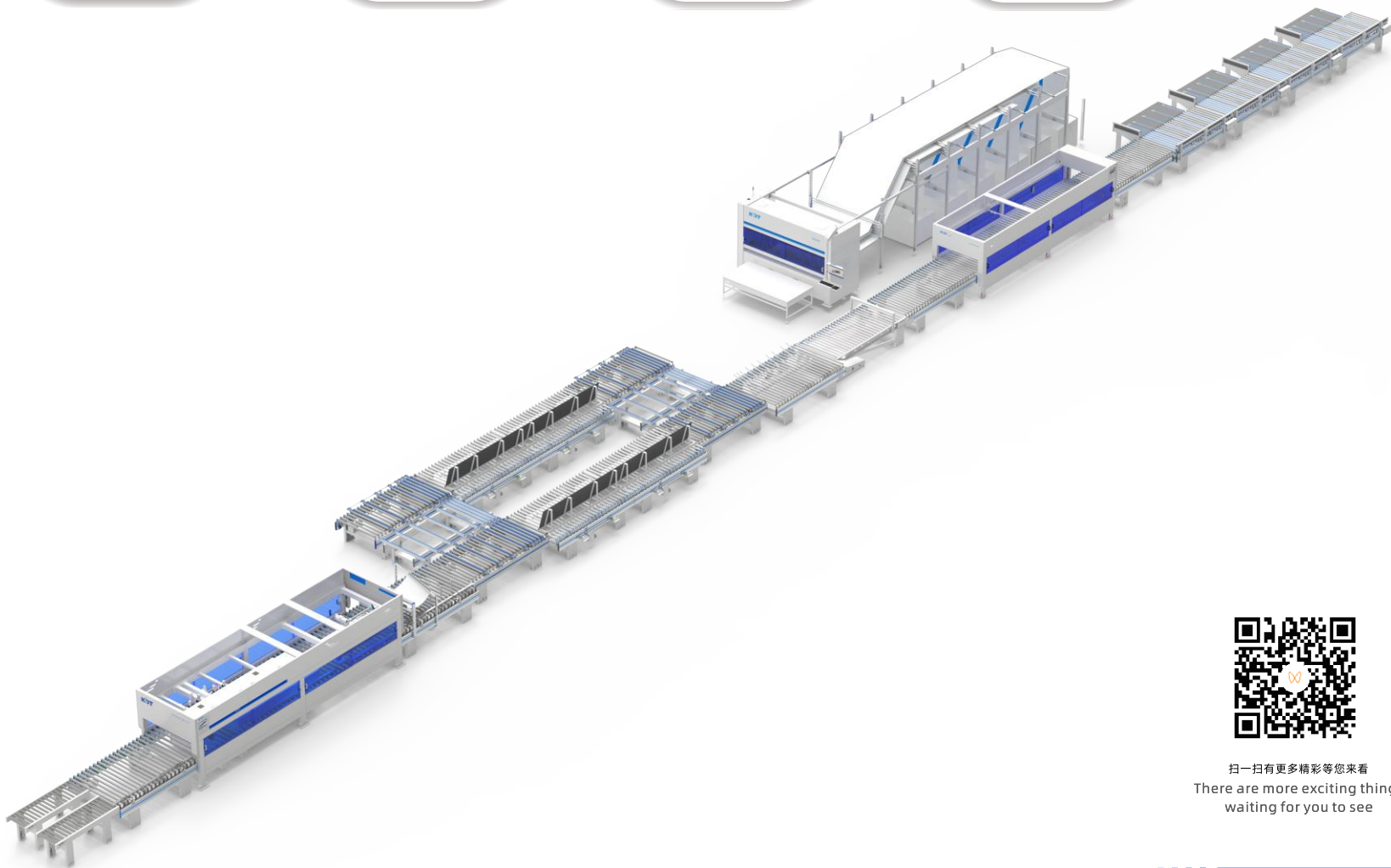
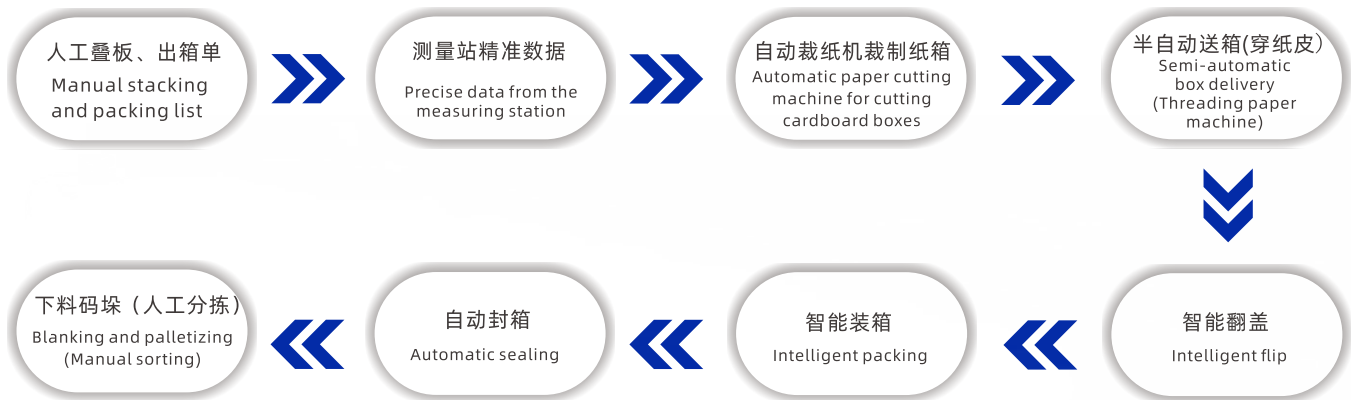
智能柔性包装线生产方案还可根据客户实际需求选择最佳方案，从而实现降本增效、节省人工、节约场地面积和生产效率最大化的目标。

Intelligent flexible packaging production line, characterized by high speed, high precision, and high stability; Professional solutions to pain points and difficulties such as unsightly packaging, the waste of paper and labor KDT independently developed control system, measuring, cutting, and sealing in one step! Intelligent analysis of paper cutting machine, selecting the best cutting algorithm of paper and choosing paper stock. Cardboard brands are not limited, and fully independent servo driven blade control is used to increase blade adjustment speed by more than 30%; Cutting is faster, the packaging appearance is more beautiful and standardized, making it easy to achieve tofu block packaging and enhance the corporate image.

The intelligent flexible packaging line production plan can also choose the best solution according to the actual needs of customers, thereby achieving the goal of cost reduction, efficiency improvement, labor saving, site area saving, and maximizing production efficiency.

工作流程

Work process

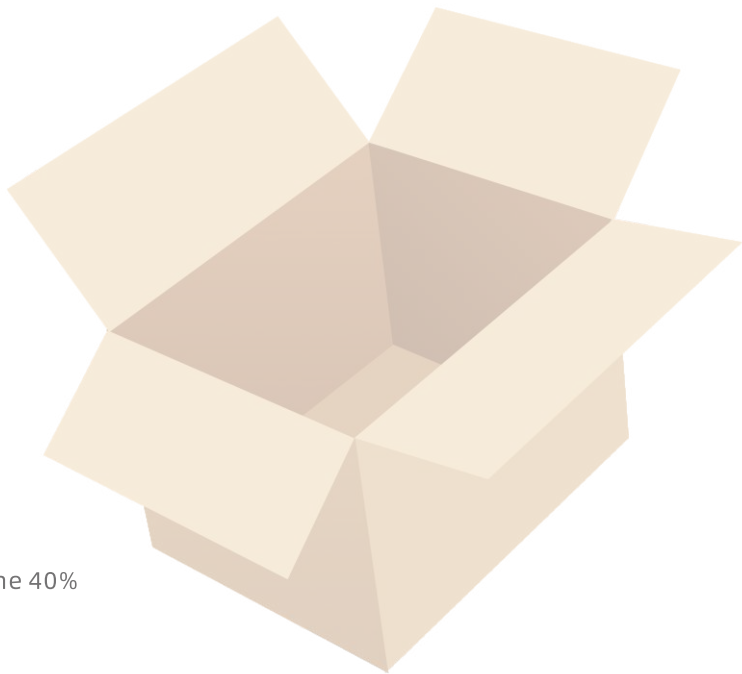


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The solution of intelligent packaging
production lines
智能包装生产线方案展示



产能介绍
Introduction to
production capacity



产能45000-60000平方/月
占地面积 40*9m²(40000L*9000Wmm)
用人数量10-11人
相比于人工产能提升了40%以上

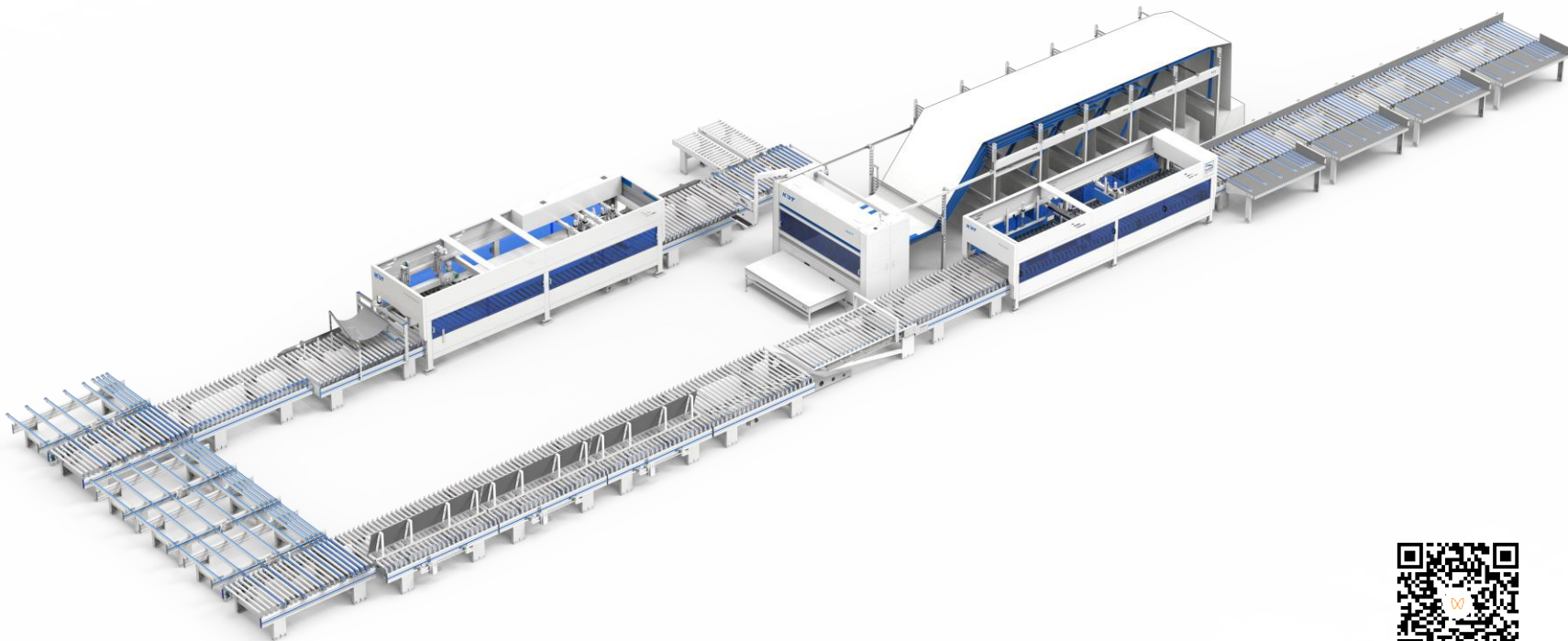
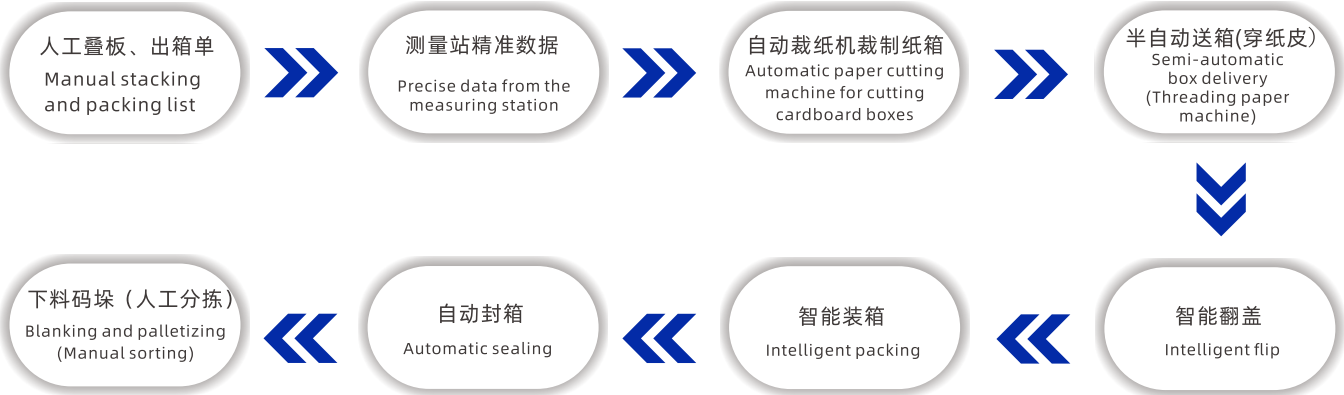
Production capacity45,000-60,000 square meters/month
Covers an area of 40*9m²(40000L*9000Wmm)
Number of employees 10-11 people
Compared with manual production capacity increased by more the 40%

性能特点
Performance characteristics

智能柔性包装线是一个集成化的生产系统，能够自动完成产品的包装过程;包括了自动测量、自动裁纸、自动封箱等。
自动测量：测量站稳定伺服驱动带线测量工件长、宽、高,运用扭力反馈与气压反馈结合测量精准、快速、稳定。
自动裁纸：裁纸机在接收到测量站传来的数据后，采用最优裁切算法和出纸方向，根据尺寸自动裁纸，尺寸与板材高度吻合，提高纸皮利用率。
自动封箱：封箱机傻瓜式操作，自动封箱，封品美观牢固，提升企业形象。
整线采用了KDT自主研发的控制系统,实现企业的高效自动化生产,降低人工成本，减少纸皮的浪费；避免了包装在运输过程中的各种损耗。

Intelligent flexible packaging line is an integrated production system that can automatically complete the packaging process of products; Including automatic measurement, automatic paper cutting, automatic box sealing and other automatic measurements; The measurement station uses a stable servo drive belt to measure the length, width, and height of workpieces, and combines torque feedback and air pressure feedback for precise, fast, and stable measurement.
Automatic paper cutting:After receiving data from the measurement station, the paper cutting machine adopts the optimal cutting algorithm and paper output direction to automatically cut paper according to the size, which matches the height of the board and improves the utilization rate of the paper sheet.
Automatic sealing:The box sealing machine operates in a foolproof manner, automatically seals the boxes, and the sealed products are beautiful and firm, enhancing the corporate image. The entire line adopts KDT's independently developed control system, achieving efficient automation production for the enterprise, reducing labor costs, and minimizing paper waste; Avoiding various packaging losses during transportation.

工作流程
Work process



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Powerless transmission series
无动力传输系列



C型滚筒输送线
C-type roller conveyor line

适用于生产车间板件向各个工序进行输送流转；
可作为工序间缓存区，存放板件；
可实现在线的先进先出的原则积与放动作过程；
提高生产各工序之间的流转效率；
每一件产品的不落地生产，现场5S环境得到改善；

Suitable for conveying and transferring sheet parts in various processes in the production workshop.
Can be used as an intermediate process buffer, storing plates.
The principle of online first-in-first-out and the accumulation action process can be realized.
Improve the efficiency of the flow between the various processes of production.
Each product is not produced on the ground, and the on-site 5S environment has been improved.



技术参数 Technical Parameters

设备规格(W*L*H) Equipment specifications(W*L*H)	2500*600*300±20mm	内轴直径 Inner axle diameter	Φ12mm
主梁规格 Main beam specifications	80*40*1.8mm	设备载重 Equipment load	600kg/m

滚筒手推车
Roller trolley

带有两种安全防护装置提高转换过程中的安全等级；
万向轮带刹车，保证手推车在停止后固定后动，便于装卸板件；
扶手采用人性化流线型设计，操作更方便；
无需轨道上运行，跨工序流转更加方便快捷；
基本不用维修保养，使用寿命长达10年以上。

Equipped with two safety protection devices to enhance the safety level during the conversion process.
Swivel wheel with brake, ensuring the stroller is fixed after stopping, convenient for loading and unloading parts.
No need to run on the track, cross-process transfer is more convenient and quick.
The handrail adopts a humanized streamlined design, which is more convenient to operate.
Rarely requires maintenance and has a lifespan of more than 10 years.



技术参数 Technical Parameters

设备规格(W*L*H) Equipment specifications(W*L*H)	2600*600*300±20mm	型号 Model	纵向+横向 Vertical + horizontal
主梁规格 Main beam specifications	80*40*3mm	设备载重 Equipment load	1100Kg

轨道游移车
Track wandering cart

适用于生产车间板件在上道及下道工序之间进行输送转换，提升各工序间流转率；
带有两种安全防护装置提高转换过程中的安全等级；
在人行道处可采用斜坡地轨线加固，有效保护地轨线；
在轨道上运行安全性和效率更高；
基本不用维修保养，使用寿命长达10年以上。

Suitable for conveying and transferring parts between upstream and downstream processes in production workshops, improving the throughput between processes.
Equipped with two safety protection devices to enhance the safety level during the conversion process.
Sidewalks can be reinforced with sloping rail tracks, effectively protecting the rail tracks.
Running on the track is safer and more efficient.
Rarely requires maintenance and has a lifespan of more than 10 years.



技术参数 Technical Parameters

设备规格(W*L*H) Equipment specifications(W*L*H)	2500*600/1300*300±20mm	型号 Model	单排+双排 Single row + double row
主梁规格 Main beam specifications	80*40*3mm	设备载重 Equipment load	800Kg

轨道转盘游移车
Orbital turntable

适用于生产车间板件在上道及下道工序之间进行输送转换，提升各工序间流转率；
转盘采用钢板激光切割，直径加大至2000mm，可防止板件在转换时一头翘起；
在人行道处可采用斜坡地轨线加固，有效保护地轨线；
在轨道上运行安全性和效率更高；基本不用维修保养，使用寿命长达10年以上。

Suitable for conveying and transferring parts between upstream and downstream processes in production workshops, improving the throughput between processes.
The turntable is laser cut with steel plate, and the diameter is increased to 2000mm, which can prevent the plate from being cocked at one end during conversion;
Sidewalks can be reinforced with sloping rail tracks, effectively protecting the rail tracks.
Running on the track is safer and more efficient.
Rarely requires maintenance and has a lifespan of more than 10 years.



技术参数 Technical Parameters

设备规格(W*L*H) Equipment specifications(W*L*H)	2500*600/1300*300±20mm	型号 Model	单排+双排 Single row + double row
主梁规格 Main beam specifications	80*40*3mm	设备载重 Equipment load	1000Kg