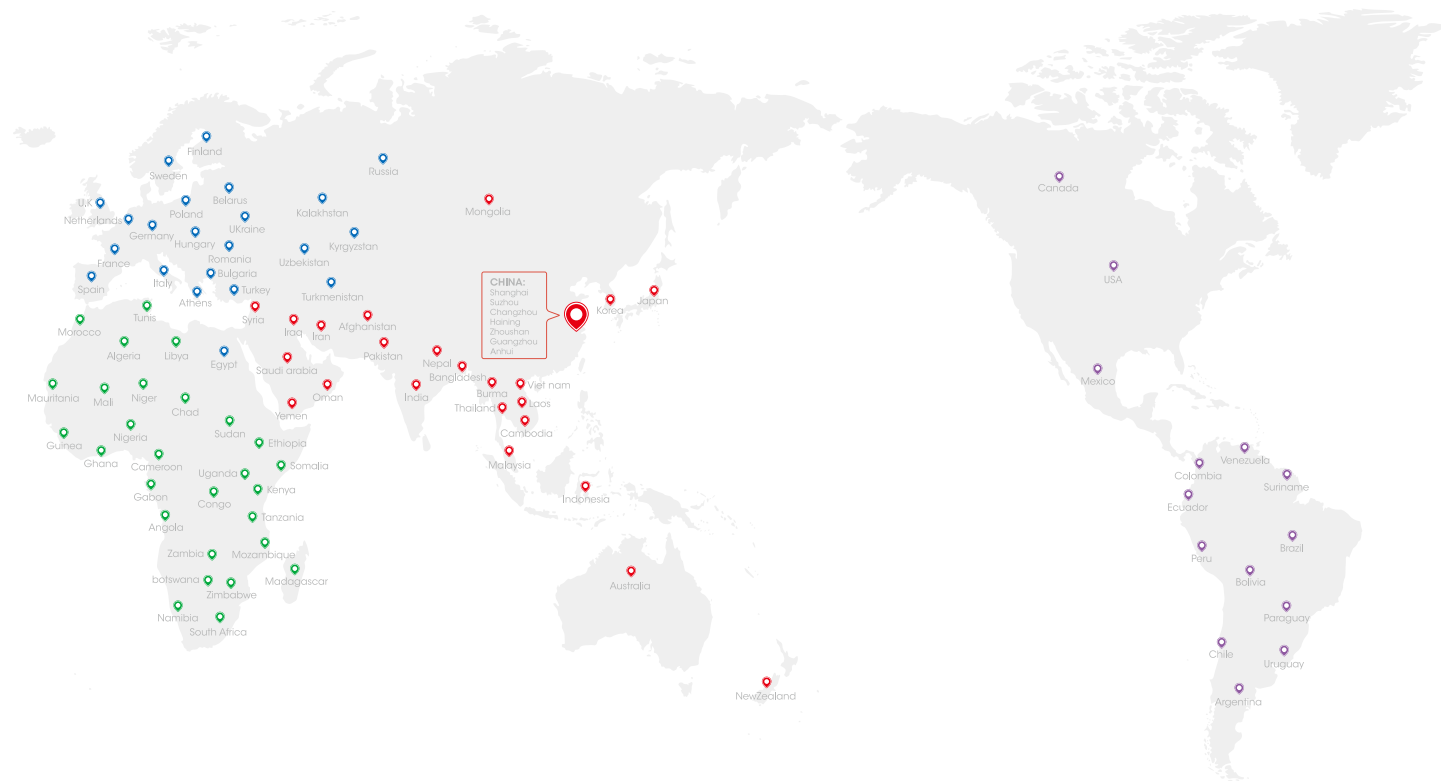




PULP MOLDING MACHINE SOLUTION

PULP MOLDING MACHINE SOLUTION

金纬机械成立于1997年，作为中国最大的挤出装备专业制造商之一，已连续15年荣获中国塑料挤出行业排名首位。经过持续稳健的发展，公司已构建起全球化的生产布局，在上海嘉定、浙江舟山、苏州太仓、广东东莞、常州溧阳、浙江海宁、广东佛山、安徽滁州、安徽全椒等国内多地以及泰国、西班牙、德国等地设立了14个现代化生产基地。

目前，公司拥有4000余名专业员工，年产能超过5000台（套）高端塑料挤出生产线。依托强大的研发团队、资深技术专家队伍、先进的加工制造基地和标准化装配车间，我们持续为客户提供高效、稳定、智能化的塑料加工整体解决方案。

秉承“用心持久、拼搏创新”的企业精神，我们不断突破技术边界，拓展挤出新领域。诚邀国内外新老客户莅临考察、合作共赢！期待与您携手，共创行业未来！



公司产品已遍布全国各地，并出口到德国、意大利、西班牙、日本、印度、韩国、印尼、中东、非洲和南美洲等100多个国家和地区，深受客户好评。

“品质卓越 完美如一”

是金纬公司的质量方针，是全体员工努力的方向。

“诚实待人”

是我们铸就“百年金纬”的核心理念。

董事长：何海潮

Email: he@jwell.cn

President: He Haichao

Mobile: +86 13601628188

Jwell Machinery was established in 1997, as one of the largest professional manufacturers of extrusion equipment in China. Jwell Machinery has been ranked No.1 in China Plastics Extrusion Industry for 15 consecutive years. Through steady and sustained development, the company has built a global manufacturing footprint, with 14 modern production bases in various places in China such as Jiading (Shanghai city), Zhoushan (Zhejiang province), Taicang (Suzhou city), Dongguan (Guangdong province), Liyang (Changzhou city), Haining (Zhejiang province), Foshan (Guangdong province), Chuzhou and Quanjiao in Anhui province, as well as in Thailand, Spain and Germany.

At present, our company has more than 4,000 professional staff, with an annual capacity of over 5,000 sets of high-end plastic extrusion production lines. Supported by a strong R&D team, a group of senior technical experts, advanced manufacturing facilities and standardized assembly workshops, we consistently provide our customers with efficient, stable and intelligent overall solutions for plastic processing. Our enterprise spirit is "Attentive, Enduring, Quick and Orderly", we keep breaking technological barriers and explore new fields of extrusion. We sincerely welcome new and existing customers from local and abroad to visit our facilities, seek cooperation and achieve win win cooperation. We look forward to joining hands with you to create a prosperous future for the industry!

Our customers are all over China, and we have customers in Germany, Italy, Spain, Japan, India, Korea, Indonesia, Middle East, South America and other countries and areas. Our machines are well accepted by our customers.

"Excellent Quality, Perfect All" is Jwell's quality policy,

and all staff's working direction.

"Be honest" is the core idea for us to contribute

"Century JWELL"

◎ 近年来，全球限塑、禁塑及双碳持续发展政策不断推进，为绿色环保餐饮具市场带来巨大发展机遇。

◎ 纸浆模塑制品主要利用蔗渣浆、竹浆、秸秆浆等天然植物纤维材料，通过模具塑造成型制成餐饮用具及工业包装类制品。

◎ 这些产品不仅具有良好的环保性能，还在自然环境下实现完全降解。

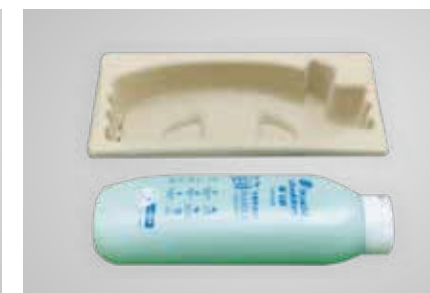
◎ 纸塑制品应用领域：餐具、禽蛋托及日化美妆、3C电子电器、农产品及生鲜果蔬、医疗、营养保健、咖啡茶饮、电商零售及商超、文创礼品 & 奢侈品等包装物领域。

◎ In recent years, the global plastic limit, plastic ban and dual carbon sustainable development policies have been continuously promoted, bringing huge development opportunities to the green tableware market.

◎ Pulp molding products mainly use bagasse pulp, bamboo pulp, straw pulp and other natural plant fiber materials, through mold molding made tableware and industrial packaging products.

◎ These products not only have good environmental performance, the natural environment to achieve total degradation.

◎ Application fields of paper and plastic products: tableware, poultry egg trays and daily chemical cosmetics, 3C electronic appliances, agricultural products and fresh fruits and vegetables, medical treatment, nutrition and health care, coffee and tea, e-commerce retail and supermarkets, cultural and creative gifts & luxury goods and other packaging fields.



产品生产流程图

PRODUCT PRODUCTION FLOW CHART



竹浆板 Bamboo pulp board



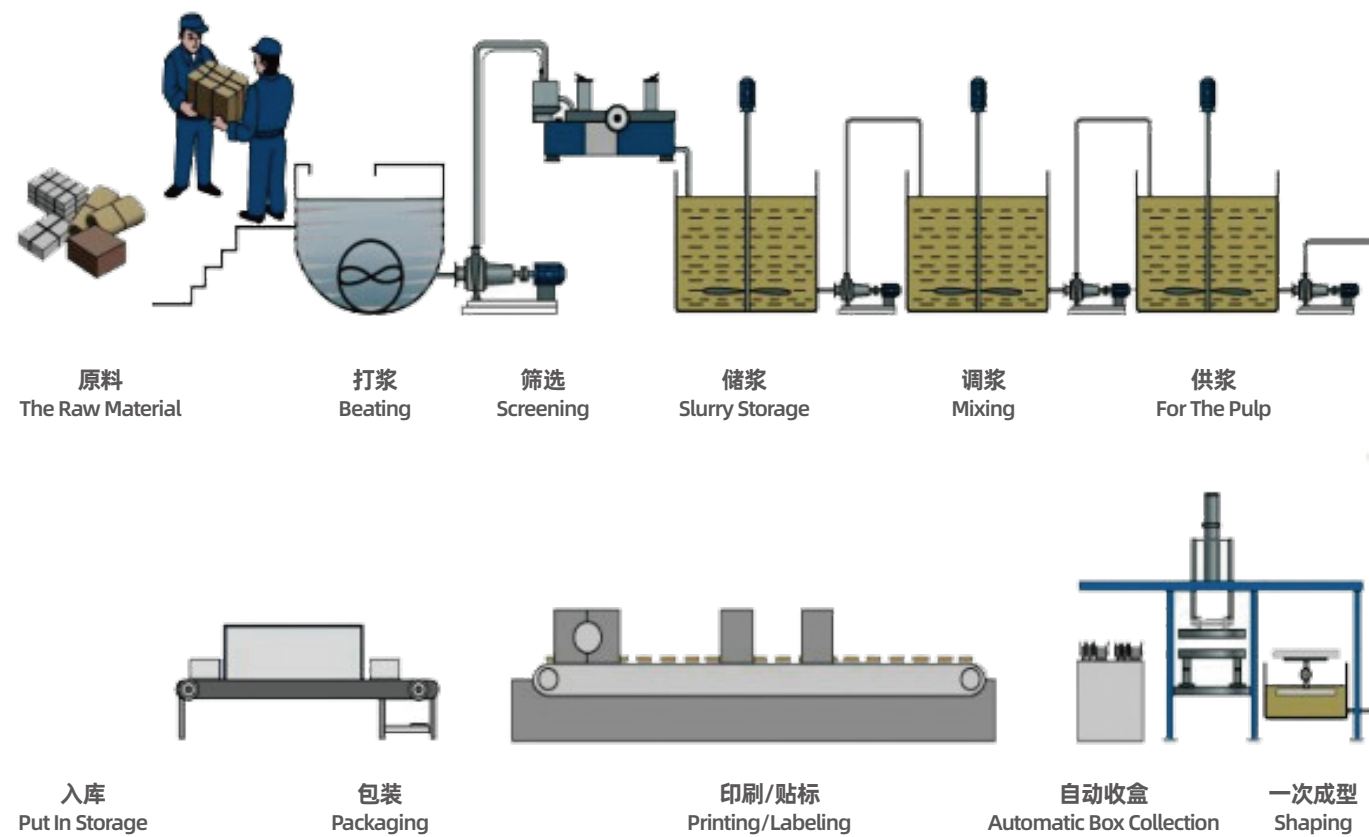
甘蔗浆板 Sugarcane pulp board



废纸 Waste paper



木浆 Wood pulp



全降解 Fully degradable

取自自然 回归自然
Taken from nature and returned to nature



可塑性 Plasticity

随心所欲 变化万千
Change at will with endless possibilities

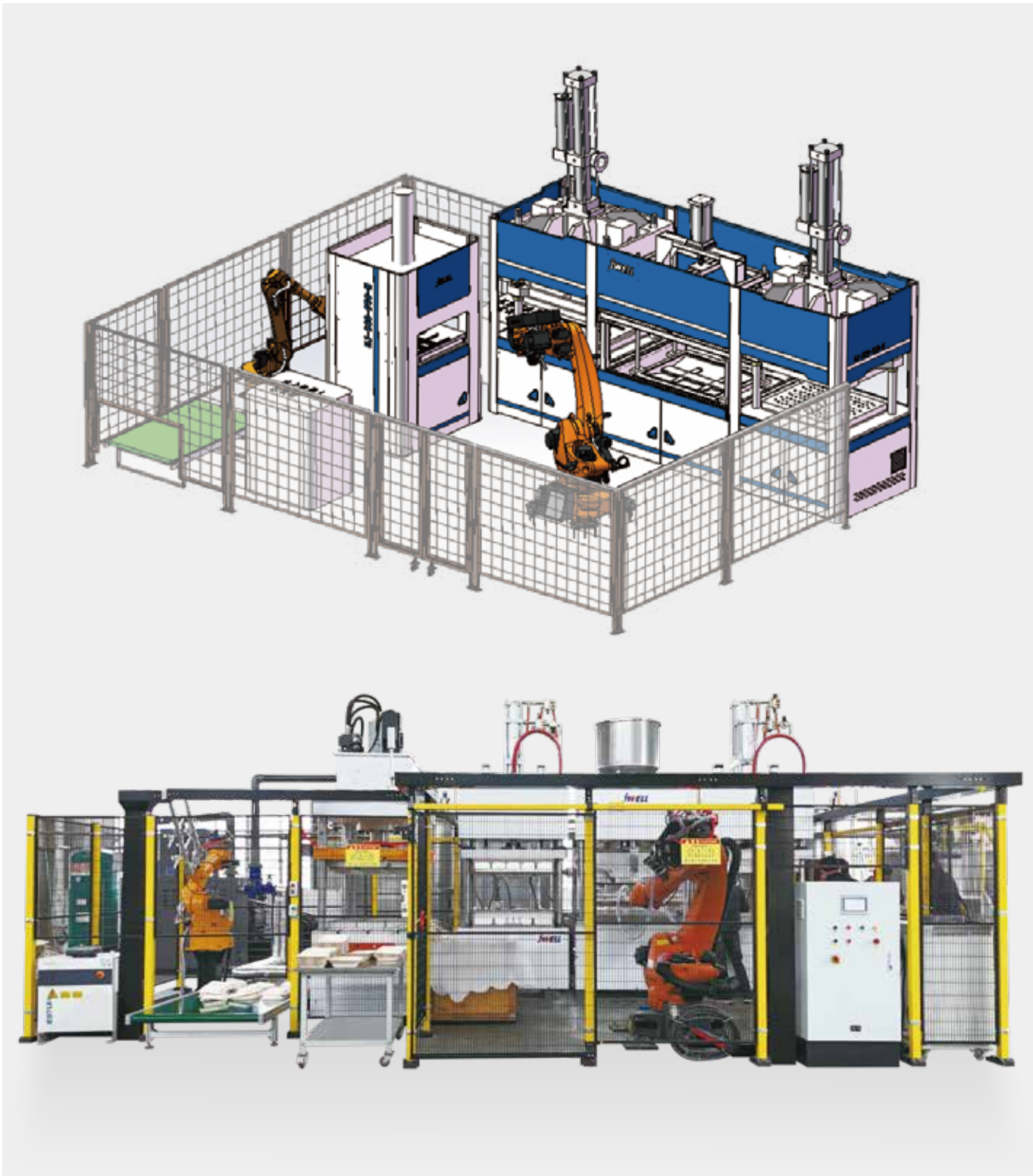


亲和性 Affinity

温润如玉 绿色基因
Warm like jade green gene

全自动纸浆模塑精品餐包生产线

AUTOMATIC PULP MOLDING FINERY TABLEWARE
PRODUCTION LINE



主要参数 Parameter

设备型号 Model	HJ-9895	HJ-120120	HJ-140120
模版尺寸 Plate size	980*950	1200*1200	1400*1200
加热方式 Heating method	电和油可选 Electricity and oil are optional		
定型压力 Forming pressure	47T	60T	120T
产品深度 Production height	80mm	80mm	100mm
生产周期 Cycle time	22-40s	22-40s	22-44s

纸浆模塑干法精品餐包生产线

PULP MOLDING DRY PROCESS FINE MEAL BAG PRODUCTION LINE

- ◎具备不停机上料功能。

◎高防护护栏，顶部带桥架线槽，设备线缆走桥架，地面整洁。形象视图操作屏幕，简单易上手。

◎具备能耗管控，产量管控功能，预留ERP.MES系统接口，为智能工厂提供数据库。

◎加热使用SSR模块，节约电能，加热精度正负1度。

◎机架封板整体烤漆工艺、电控系统带远程模块，随时可以诊断现场问题，减小停机时间。



- ◎It has the function of non-stop feeding.

◎High-protection guardrail, with cable tray on the top, equipment cables running through the tray, and a clean ground. The operation screen is visually intuitive and easy to use.

◎ Equipped with energy consumption and production control functions, it reserves interfaces for ERP and MES systems, providing a database for smart factories.

◎ The heating system utilizes an SSR module, saving energy and achieving a heating accuracy of ±1 degree.

◎ The frame sealing plate adopts an overall baking paint process, and the electronic control system is equipped with a remote module, allowing for on-site problem diagnosis at any time and reducing downtime.



主要参数 Hot press shaping machine parameter

设备型号 Model	
模具台面尺寸 Mold table size	1000mm ×950mm
干燥方式 Drying method	模内干燥 In mold drying
加热方式 Heating method	电加热 Electric heating
热压成型升降动力 Hot press forming lifting power	伺服连杆 Servo linkage
升降压力 Lift pressure	120t
周期 Period	15-20s一模 15-20s the first mock examination

全自动纸塑精品工包成型设备

AUTOMATIC PULP MOLDING HIGH-END INDUSTRIAL
PACKAGE MACHINE



干燥效能提升

Drying Efficiency Improvement

深度冷挤压，减少热压模内干燥能耗15%-30%，干燥时间缩短10%。
Deep cold extrusion reduces energy consumption for in-die drying during hot pressing by 15%-30% and shortens drying time by 10%.

动作效能提升

Action Efficiency Improvement

热压整型合模动力机构采用伺服电机及机械多连杆机构，驱动力能节省20%以上，动作时间缩短10%。
The hot pressing mold clamping system adopts a servo motor and mechanical linkage structure drive to save energy consumption of clamping by more than 20% and the action time reduced by 10%.

环境友好

Environmentally Friendly

无液压系统或气液增压缸的高分贝动作噪音及漏油污染问题。
No hydraulic system or airhydraulic actuator high decibel noise and oil pollution.

精准电控

Precise Electric Control

采用全伺服电机驱动，精准控制各动作速度及定位，杜绝干扰，排除误动作。
Driven by servo motor accurately control the speed and positioning of each movement, eliminate interference and false action.

合模保护

Mould Closing Protection

合模慢速消除冲击，延长模具寿命
Adjustable slow clamping speed eliminate impact to extend mould life span.



主要参数 Parameter

设备型号 Model	HJ-9575	HJ-140120
模版尺寸 Plate size	950*750	1400*1200
加热方式 Heating method	电和油可选 Electricity and oil are optional	
定型压力 Forming pressure	40T	120T
产品深度 Production height	80mm	100mm
生产周期 Cycle time	100-120s	100-120s

HJ-N425全自动纸浆模塑打样生产线

HJ-N425 Fully Automatic Pulp Molding And Sampling Production Line



适用于各类纸塑制品打样生产，无需建系统，一台机全搞定
Suitable for all kinds of pulp molding products sampling production,
no need to build a system, only one machine can complete the production.

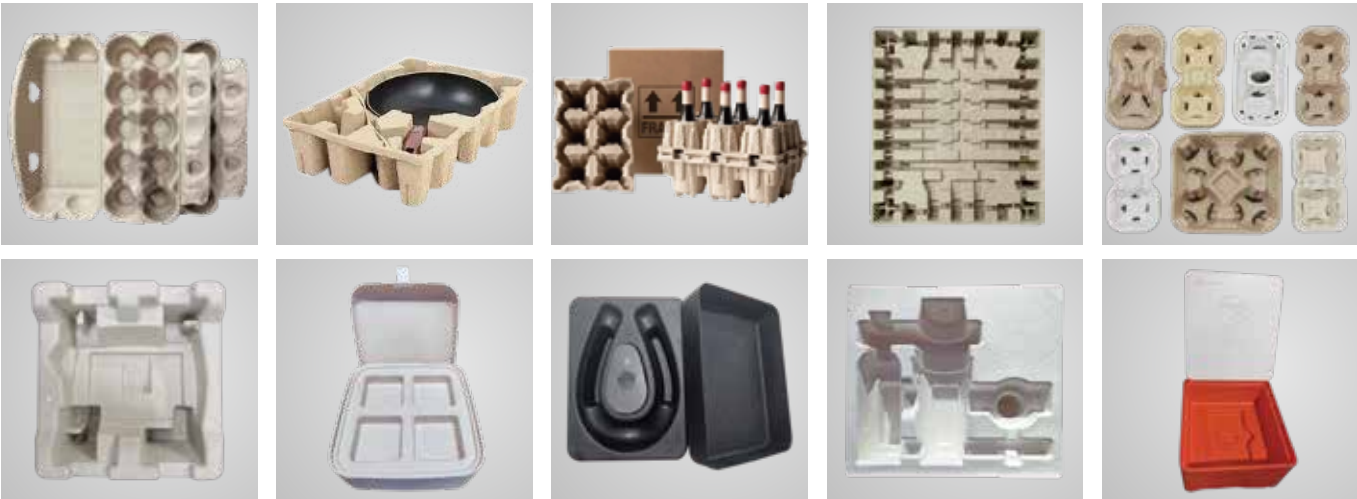


主要参数 Parameter

设备型号 Model	HJ-N425
(D 表示电加热 means electric heating, Y 表示油加热 means oil heating)	
设备外形尺寸 Outer dimension	L5200*W3000*H2500mm
台面尺寸 Platen size	425*425mm
设备重量 Equipment weight	3T
吸浆方式 Forming method	往复式 Reciprocating
最大产品高度 Max. product height	100mm
动力方式 Machine drive mode	伺服+丝杆+电缸 Servo + screw + electric cylinder
产能 Capacity	80-200kg/22H
成型效率 Cycle time	40-180秒/模 40-180 seconds/drop

半自动纸塑工包类制品制成设备
SEMI AUTOMATIC EQUIPMENT FOR MAKING
PAPER PLASTIC WORK BAGS

双工位往复送料成型机
Double Station Reciprocating Feeding Forming Machine



主要参数 Parameter

设备型号 Model	
设备外形尺寸 Outer dimension	L3100*W2160*H3800mm
台面尺寸 Platen size	800*600mm或定制
设备重量 Equipment weight	2.0T
吸浆方式 Forming method	往复式 Reciprocating
最大产品高度 Max. product height	80-100mm
供浆方式 Pulp feeding style	连续供浆 Continuous supply of slurry
干燥方式 Drying method	模外干燥 Drying outside the mold
湿胚转移方式 Product transfer method	模内转移 Wet embryo transfer method
动力方式 Power mode	气缸+伺服 Cylinder+servo
接料方式 Material receiving method	气动升降平台 Pneumatic lifting platform
湿胚成型工位数量 Number of work stations	2个 2 positions
产能 Capacity	与产品形状及人工效率有关 Related to product shape and labor efficiency
成型效率 Cycle time	8-16秒/模 8-16 seconds/drop

往复式热压机、下模移出式热压机

RECIPROCATING HOT PRESS, LOWER MOLD REMOVAL HOT PRESS

下转移伸出式热压机，大面板热压机，安全稳定！可在线与上下料堆叠系统在线配合使用，提高生产效率，降低人员劳动强度。

Down transfer extended hot press, large panel hot press, safe and stable! It can be used in conjunction with the loading and unloading stacking system online to improve production efficiency and reduce labor intensity for personnel.

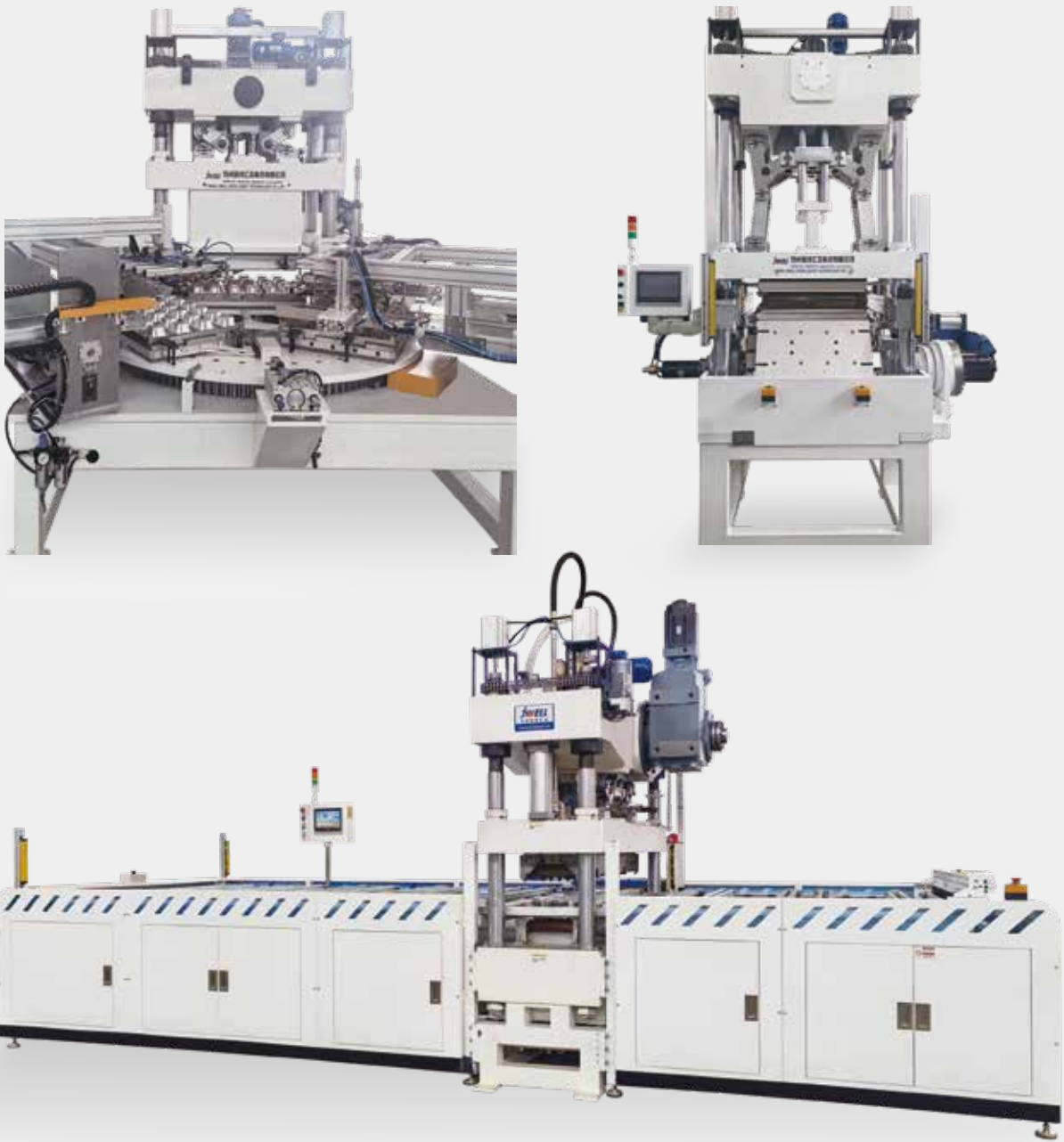


主要参数 Hot press shaping machine parameter

设备型号 Model	
台面尺寸 Countertop dimensions	1200*600 最大产品高度200，开口高度600 1200 * 600 maximum product height of 200, opening height of 600
设备重量 Equipment weight	2.5t
热压方式 Hot pressing method	电加热 Electric heating
运行周期 Operating cycle	与人工效率有关 Related to labor efficiency
设备外形尺寸 Equipment external dimensions	L1500*W1300*H2250mm
加热功率 Heating power	36kw
传动方式 Transmission method	伺服油缸液压传动 Servo oil cylinder hydraulic transmission
移出动力 Remove power	高精度伺服控制 High precision servo control
进料方式 Feeding method	单头人工放料 Single head manual feeding
设备型号 Model	
台面尺寸 Platen size	900*700或800*600mm，可定制
设备重量 Equipment weight	约2T
成型压力 Forming pressure	30-60T
动力方式 Machine drive mode	气液增压缸 Pneumatic-hydraulic booster cylinder
加热功率 Heating power	上下模电热 Upper and lower mold 标准配置 Standard configuration: 9KW+9KW

高速热压机
HIGH SPEED HOT PRESS

高速热压机：高效连续生产、精准定位合模位置、稳定产品质量，能大幅度提高纸浆模塑产品的生产效率一致性、自动化适配性强！节省人工、降低员工劳动强度，可配合整套纸浆模塑设备在线生产！
High speed hot press machine: efficient continuous production, precise positioning of mold closing position, stable product quality, can greatly improve the production efficiency consistency of pulp molding products, and has strong automation adaptability! Save labor and reduce employee labor intensity, can be produced online with a complete set of pulp molding equipment!

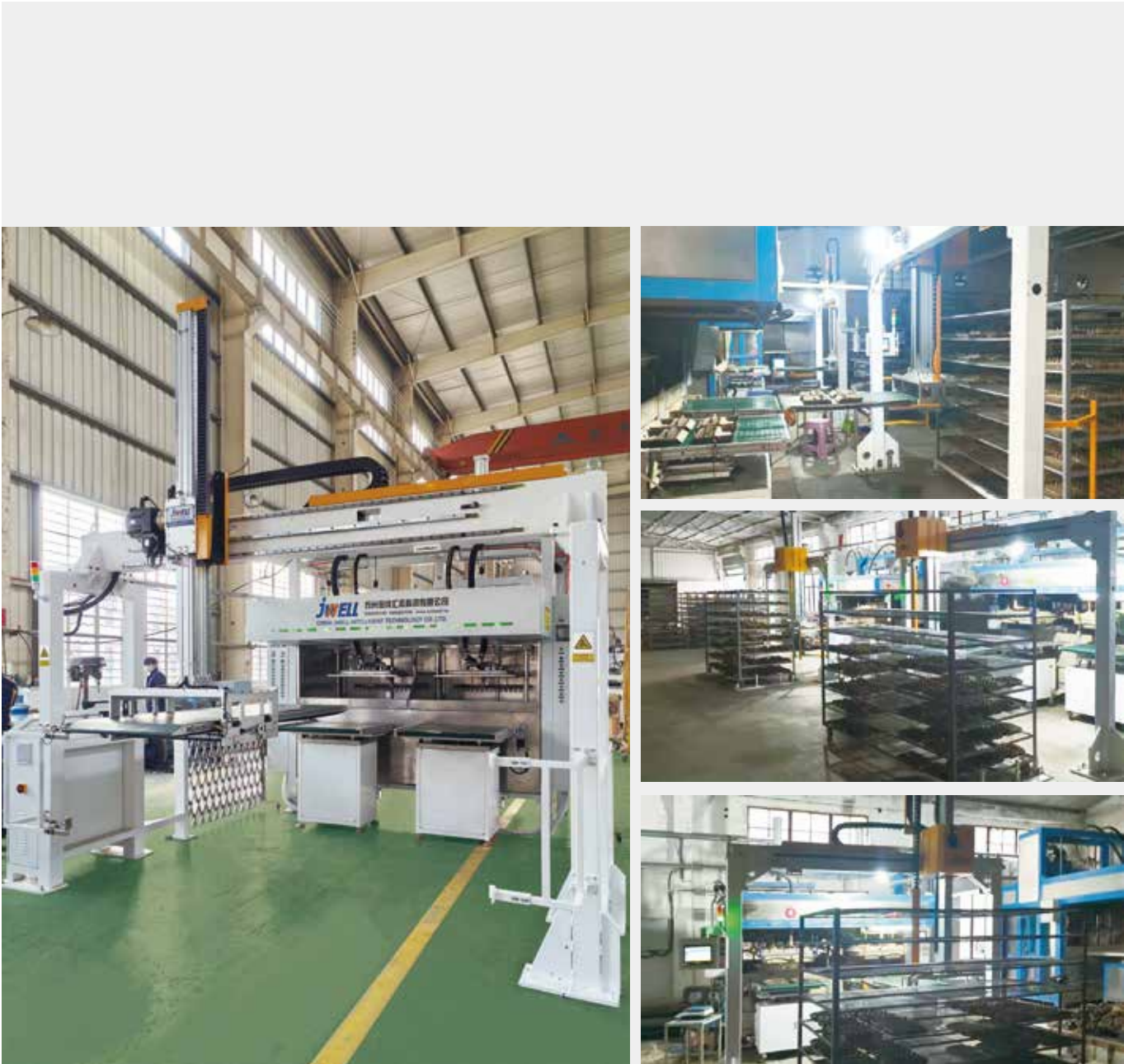


主要参数 Hot press shaping machine parameter

设备型号 Model	
旋转动力动力 Rotational power	伺服传动减速机传递动力 Servo transmission gearbox transmits power
适用模具尺寸 Applicable mold size	标准模具，也可非标定制(兼容通用快消品) Standard molds, also available for non-standard customization (compatible with general fast-moving consumer goods)
合模压力 Clamping pressure	60t,根据需要可调整， 60t,Adjustable as needed
设备外形 Equipment appearance	L2200XW2200XH3000
设备型号 Model	
设备外形 Equipment appearance	L2500XW1200X2800
运行周期 Operating cycle	4s
运动方式 Mode of exercise	伺服连杆传动 Servo linkage transmission
模版尺寸 Template size	500*700
设备压力 Equipment pressure	40t
四工位蛋盒高速热压机 Four-Station Egg Tray High-Speed Hot Press Machine	
热压效率 Hot Pressing Efficiency	4秒/模 4 seconds/drop
适用产品Applicable Products	蛋盒、果托、杯托等快消品 Egg cartons, fruit trays, cup holders, and other fast-moving consumer goods

成型机自动上下料桁架机械手

AUTOMATIC LOADING AND UNLOADING TRUSS MANIPULATOR



纸浆模塑成型机台车输送自动化设备能够减能增效，摆放一致性好，具备在线称重、可以随时切换到人工状态，灵活方便。

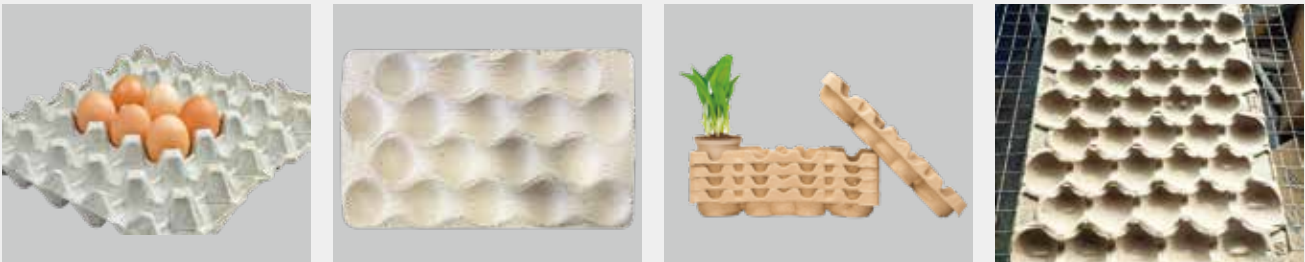
The automated trolley conveyor equipment for pulp molding machines can reduce energy consumption and increase efficiency, ensuring good consistency in placement. It features online weighing and can be switched to manual mode at any time, making it flexible and convenient.



主要参数 Hot press shaping machine parameter

设备型号 Model		
外形尺寸 Overall dimensions	3540*3050*4500	
运行周期 Operating cycle	匹配水模成型机 Matching water mold forming machine	
运动方式 Mode of exercise	伺服传动 Servo drive	
产品高度 Product height	视台车而定 Depending on the vehicle	
设备重量 Equipment weight	900kg	
产能 Production capacity	与水模成型机一致 Consistent with the water mold forming machine	

多面转鼓成型机
MULTI SIDED DRUM FORMING MACHINE



干燥方式多样化

Diversified drying methods

砖砌烘干，单层、多层金属烘干线。
能源：燃煤、天然气、液化石油气、蒸汽等。
Brick masonry drying, single-layer and multi-layer metal drying lines.
Energy: coal, natural gas, liquefied petroleum gas, steam, etc.

浆模数量可调节

Adjustable pulp modulus

根据产量不同可以选择5、6、7、8片模具来匹配。
According to different production volumes, 5, 6, 7, and 8 molds can be selected for matching.

成型方式

Forming method

反吸浆，制品厚度，更均匀。
Reverse suction slurry, product thickness, more uniform.

产量/产能

Production/Capacity

根据不同产品及不同重量，可以选择对应产量。
According to different products and weights, corresponding production quantities can be selected.



主要参数 Parameter

设备型号 Model	HJ-8*5000	HJ-8*6000	HJ-8*8000	HJ-8*10000
周期 Period	18-24次/分钟			
产品深度 Product Depth	80mm			
模板尺寸 Template size	1470*470mm	1800*470mm	2130*470mm	2830*470mm
浆膜数量 Number of serosa	32+4	40+5	48+6	64+8
产能 Production capacity	4000-5000片/h	5500-6500片/h	7000-8000片/h	9500-11000片/h

高速转鼓成型机
HIGH-SPEED ROTARY DRUM FORMING MACHINE



蛋盒/杯托专用转鼓机
EGG BOX/CUP HOLDER SPECIAL DRUM MACHINE

本设备蛋盒、杯托专用生产线是专门针对蛋托和水果托设计的一款专用设备，整线全部可以实现PLC控制，集成制浆、成型、干燥、热压与一体化控制。

This specialized production line for egg boxes and cup holders is designed specifically for egg and fruit holders. The entire line can be controlled by PLC, integrating pulping, forming, drying, hot pressing, and integrated control.



主要参数 Parameter

设备型号 Model	HJ-8*5000	HJ-8*7200
模板尺寸 Template size	400-1950mm	400-2600mm
浆膜数量 Number of serosa	12板蛋盒：48+6；2杯托192+24	12板蛋盒：64+8；2杯托240+30
产量 Output	非连线7200片；28800片	非连线9600片；35000片
周期 Period	13-20次/分钟	13-20次/分钟
产品高度 Product height	80mm	80mm

供浆系统设计规划

DESIGN AND PLANNING OF SLURRY SUPPLY SYSTEM

供浆系统设计规划 Design of slurry supply system



大型纸塑制浆系统—湿压示范线
Large Pulping Systems

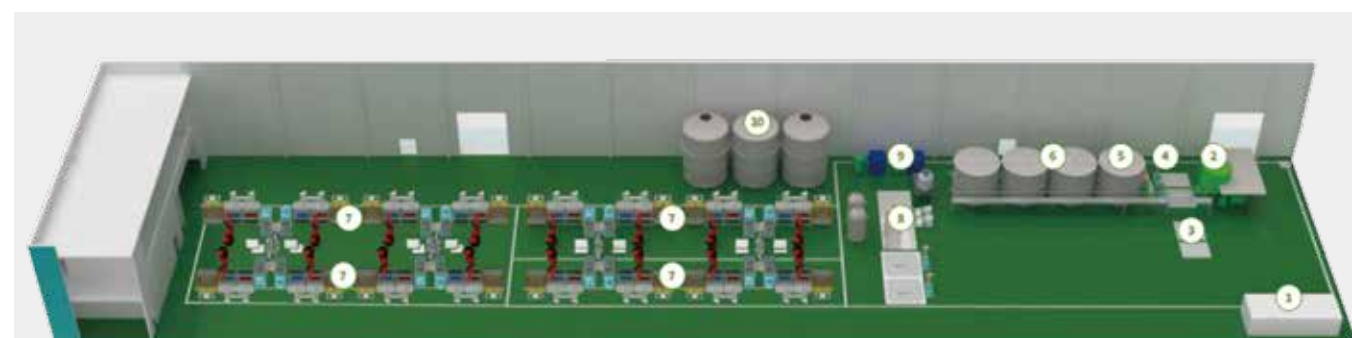


中型纸塑制浆系统—干压示范线
Medium Pulping System



小型纸塑制浆系统—干压示范线
Small Pulping Systems

示意方案 Schematic Scheme



- | | |
|-----------------------------|--|
| ① 原料 The raw material | ⑥ 不锈钢浆桶 Stainless steel slurry barrel |
| ② 打浆 Beating | ⑦ 餐盒机 Meal box machine |
| ③ 过滤沉地 Transition sink tank | ⑧ 立式气水分离罐 Vertical GAS water separation tank |
| ④ 疏解磨浆 Dredge the grout | ⑨ 冷却系统 Cooling down system |
| ⑤ 搅拌器 Stirrer | ⑩ 水桶 The bucket |

覆膜机

LAMINATING MACHINE

把需覆膜的环保纸浆餐具或工业包装产品放置在模具的腔位中，选择合适的覆膜专用胶膜；陶瓷发热片加热，使胶膜软化；气泵产生负压，真空室产生强大吸力，吸取胶膜粘附到纸浆模塑产品表面上。

The environmentally friendly pulp tableware or industrial packaging products that need to be covered are placed in the cavity of the mold, and the appropriate film is selected. The ceramic heating sheet is heated to soften the film. The air pump produces negative pressure, and the vacuum chamber produces strong suction to absorb the adhesive film and adhere to the surface of the pulp molding product.



相关公司产品链接

LINKAGE OF RELATING AUXLARY EQUIPMENT



Package trolley line

工包台车线



Trolley mesh board

台车网板



Workbag drying and sun shelter

工包晾晒阳光棚



Work package hanging basket line

工包吊篮线



Fully automatic pulp molding tableware production line

全自动纸浆模塑餐具生产线

Mold temperature machine - temperature control system

模温机-温度控制系统



Vacuum pump

真空泵



Pulp making system electrical control system

制浆系统电控系统



Slurry storage tank, slurry mixing tank, and slurry supply tank of the pulp making system

制浆系统储浆罐、调浆罐、供浆罐



纸浆模塑模具加工车间

PULP MOLDING MOLD PROCESSING WORKSHOP

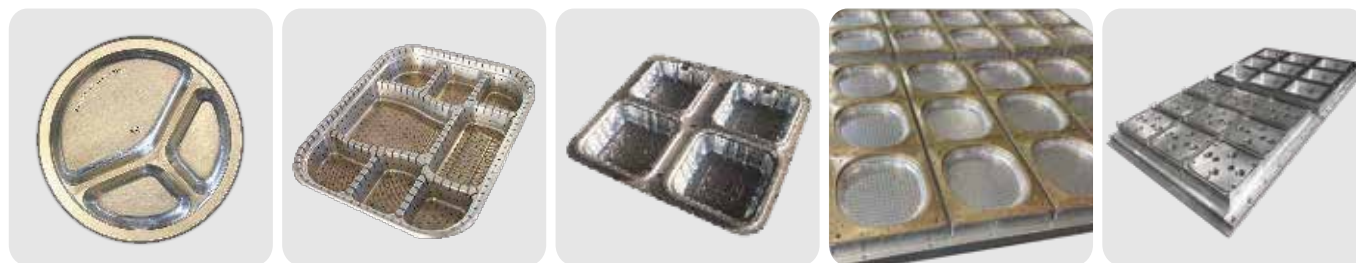


纸浆模塑制品质量在很大程度上取决于纸浆模塑模具的加工精度，所以，精湛的模具加工技术是纸浆模塑制品质量的可靠保证。

金纬公司拥有各类机床600多台套，可满足各种精度餐包和工包成型模具需求。

The quality of pulp molding products largely depends on the processing accuracy of pulp molding molds. Therefore, the exquisite mold processing technology is a reliable guarantee of the quality of pulp molding products.

JWELL company has more than 600 sets of various kinds of machine tools, which can meet the various precision of meal bag and work bag molding Mold requirements.



企业风采：品质管理 技术研发 国际交流 客户服务 员工培训

Quality Control Technology Research International Communication Customer Service Staff Training



公司销售精英参加国际展会



北京化工大学来公司互动交流



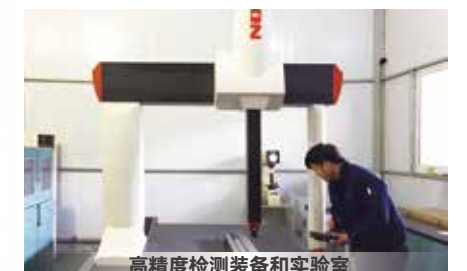
售前与客户技术沟通



技术设计部一角



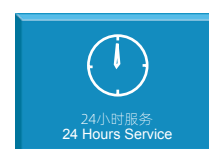
大型零部件加工车间一角



高精度检测装备和实验室



公司员工定期培训会



24小时服务
24 Hours Service



客户服务热线
Customer Service Hotline



培训
Training



交钥匙工程
Turn-Key Project