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Changzhou Jwell Extrusion
Machinery Co.,Ltd.

常州金纬挤出机械制造有限公司



EXTRUSION



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A Global Supplier of Solutions on Extrusion Technology
金纬机械—全球挤出技术解决方案供应商

10+ 驻海外办事处
Overseas offices 580+ 技术研发&工程师
R&D Engineer 3,000+ 金纬机械员工人数
Jwell Employee

8+ 个制造基地
Manufacture Bases 500+ 独家专利技术
Patents 1,000,000m²+ 工厂面积 Plant Area



80年代初

金海螺第一代螺杆研制成功
In the early 1980s, the first generation screw of JINHAILOU was successfully developed

1997

上海金纬机械
Shanghai JWELL Machinery

2008

苏州金纬机械
Suzhou JWELL Machinery

2012

常州金纬机械
Changzhou JWELL Machinery

2018

贝克威尔 (泰国)
Bkwell (Thailand)

2019

浙江金纬智能装备
Zhejiang JWELL Machinery

2020

金纬公司业绩突破50亿人民币
Jwell's annual sales exceeded CNY 5 billion

2021

滁州金纬机械
Chuzhou JWELL Machinery

2024

连续13年荣获中国塑料机械挤出行业排名首位
Ranked first in China's plastic machinery extrusion industry for 13 consecutive years

We Know
Extrusion

EXTRUSION

Company Profile

常州金纬挤出机械制造有限公司是上海金纬公司的又一重要发展战略中心，其坐落于江苏省溧阳市江苏中关村科技产业园内，是一家致力于塑料挤出成型设备的研发、制造的高科技厂家。厂区占地面积 400 余亩，公司拥有一支高素质的研发队伍和经验丰富的机械、电气调试工程师团队，以及先进的机械加工基地和规范的装配车间。公司本着“用心持久、拼搏创新”的企业精神，不断探求挤出新领域的开拓。热烈欢迎国内外新老客户莅临我司参观、指导、合作、我们愿为您提供强有力的支持。

董事长: 何海潮

Email: he@jwell.cn

Changzhou JWELL Machinery Co.,Ltd is another development strategy center of Shanghai JWELL Machinery Co.,Ltd, locating at Jiangsu zhongguancun technology industrial park, Liyang city, Jiangsu province, a high-tech manufacturer specializing in research and development of plastic extrusion equipment. The factory area is of 400 acres; We have a high qualified R&D and experienced mechanical and electrical engineer team as well as advanced processing foundation and normative assembly shop. Our enterprise spirit is "Attentive, Enduring, Quick and Orderly", keeping on exploring of new extrusion field. Mostly welcome to new and old customers to visit us for investigation, guidance and cooperation. We are happy to offer powerful support!

President: He Haichao

Mobile: +86 13601628188



Counter Rotation Parallel Twin Screw Extruder

双向平行双螺杆挤出机

本公司生产的SJP各系列双向平行双螺杆挤出机主要用来生产加工PVC管材、型材、片板材制品，具有产量高，塑化好，节能降耗，运行平稳等显著特点，电气控制配置先进，可以按照客户的要求选择电脑柜或仪表柜等。

All kinds of SJP extruders that our company designs especially for producing the PVC pipe, profile sheet and plate, our extruders can promise a good plasticization, high capacity and advanced electric control, and the electrical cabinet can be chosen by customer according to their own demands.



技术参数 Technical parameter

型号 Model	SJP75/28	SJP93/28/31	SJP110/31	SJP120/31/26	SJP135/31
螺杆转速 rpm	45	45	45	45	45
电机功率 KW	45	75	110	132/110	160
生产能力 kg/h	150/250	250/400	400/500	500/700	1000/1300
中心高 mm	1050	1050	1050	1050	1050
净重 kg	4100	4700	6500	7500	8400

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

Counter Rotation Conical Twin Screw Extruder

双向锥形双螺杆挤出机

本公司生产的SJP各系列双向平行双螺杆挤出机主要用来生产加工PVC管材、型材、片板材制品，具有产量高，塑化好，节能降耗，运行平稳等显著特点，电气控制配置先进，可以按照客户的要求选择电脑柜或仪表柜等。

All kinds of SJP extruders that our company designs especially for producing the PVC pipe, profile sheet and plate, our extruders can promise a good plasticization, high capacity and advanced electric control, and the electrical cabinet can be chosen by customer according to their own demands.



技术参数 Technical parameter

型号 Model	SJZ35/80	SJZ45/100	SJZ51/105	SJZ55/110	SJZ65/132	SJZ80/156	SJZ92/188	SJZ110/220
螺杆转速 rpm	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
电机功率 KW	15	15	18.5	22	37/30	55	110	160
生产能力 kg/h	30/50	60/80	80/120	100/150	180/250	300/400	600/800	1200/1400
中心高 mm	1050	1050	1050	1050	1050	1050	1100	1100
净重 kg	1800	2500	3000	3500	4000	5500	8000	10000

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

Co-rotating Conical Twin-screw Extruder

同向锥双挤出机

根据市场及客户需求, 我司成功开发出同向锥形双螺杆挤出机, 主要用于生产 PVC硬料和电缆料造粒, 该设备主要有产量高、能耗低两大显著优点, 深受用户欢迎。

In order to meet the demand of the market, JWELL successfully develops serials of co-rotating conical twin screw extruder. Mainly used for processing PVC hard material and various cables pelletizing. The equipment mainly have high capacity, energy saving features which is apporobated by customers.

技术参数 Technical parameter

型号 Model	JWT67/134
螺杆转速 rpm	5-58
电机功率 KW	45
生产能力 kg/h	500~700
总装机功率 (KW)	110

备注: 以上规格参数如有变更, 恕不另行通知。
Note: The specifications are subject to change without prior notice.

Different Kinds of Coating Co-extruder

各类包覆共挤机

技术参数 Technical parameter

型号 Model	螺杆直径 Screw dia (mm)	长径比 L/D	转速 Rotor speed (rpm)	驱动功率 Drive power (kw)	机筒加热功率 Power (kw)	最大挤出量 Capacity (Kg/h)	中心高 Center for high (mm)
JWS30/25	30	25	1-60	3-4	3	8-10	800-1200 可调
JWS35/25	35	25	1-50	4-5.5	6.9	10-15	800-1200 可调
JWS45/25	45	25	1-58	5.5-7.5	9	20-35	1100±100
JWS50/25	50	25/28	1-58	11-15	10	35-45	1100±100
JWS65/25	65	25/28	1-80	15-22	12	45-60	1100±100

备注: 以上规格参数如有变更, 恕不另行通知。Note: The specifications are subject to change without prior notice.



PP + calcium Powder, Environmentally Friendly Outdoor Furniture Products

PP+钙粉/环保室外家具产品

室外家具应用越来越广范，传统的产品因其材料本身的局限性，如金属材料笨重易锈蚀，木制品耐候性能差，以不能满足市场要求，我公司新近研发的PP加钙粉为主要材料的仿木墙板产品，已经得到市场认可，市场前景非常可观。其优点：可重复利用，产品环保；使用寿命长，完全免维护；更不会生锈，腐烂剥落；仿木外观，产品多样化，满足个性化需求。

Outdoor furniture applications are increasingly widely, and traditional products are limited by their material itself, such as metal materials are heavy and corrode, and wooden product are poor in weather resistance, in order to meet the market requirements, our newly developed PP with calcium powder as the main material of the imitation wooden panel products, it have been recognized by the market, and the market prospect is very considerable.

Its advantages: reusable, environmentally friendly products; long service life, completely maintenance-free; no rust, rot and peeling; imitation wood appearance, diversified products to meet individual needs.

技术参数 Technical parameter

机型 Model	JWS65/33+JWS45/33	JWS75/33+JWS45/33	JWS100/33+JWS65/33	JWS120/33+JWS65/33
产量 Output kg/h	60-90	100-150	200-300	300-450
辅机型号 Model	YF300	YF400	YF600	YF800
制品宽度 Product width mm	50-300	300-400	400-600	600-800

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.



SPC Stone-plastic Environmental Floor Extrusion Line

SPC 石塑环保地板生产线

SPC石塑环保地板生产线是由挤出机挤出PVC的基材，用五辊压延机组，分别把PVC彩膜+PVC耐磨层+PVC底膜，一次性压贴复合而成的产品，工艺简单、贴合靠热量完成，不含胶水。

SPC石塑环保地板生产线优势

- 1、防水、防潮。
- 2、多姿多彩，可供选择的颜色众多。
- 3、高环保性、无污染、无公害、可循环利用。产品不含苯及甲醛，为环保产品，可循环利用大大节约了木材使用量。
- 4、高防火性，能有效阻燃，防火等级达到B1级，遇火自熄，不产生任何有毒气体。
- 5、安装简单，施工便捷，不需要繁杂的施工工艺，节省安装时间和成本。
- 6、不龟裂，不膨胀，不变形，便于清洁和维护。

SPC Stone plastic extrusion line is PVC as base material and extruded by extruder, then get through four roll calenders, separately put PVC color film layer+PVC wear-resistance layer+PVC base membrane layer to be pressed and pasted together at one time progress. Simple process, complete the paste that depend on heat, without glue.

SPC Stone-plastic environmental floor extrusion line advantage

- 1.Waterproof and moistureproof.
- 2.Colorful, many colors are optional.
- 3.Environmental protection, non-pollution, pollution-free,recycle. The products do not contain benzene and formaldehyde, it's a environmental products, and it's recyclability can reduce usage of wood.
- 4.Good fireproofing. It can stop fire effectively, fire rating reach level B1, when the fire touch products, the fire will put out immediately, and do not produce any toxic gas.
- 5.Easy for installation, convenient for work, simple construction ways, save installed time and cost.
- 6.Not cracking, not expand, not out of shape, easy to clean and maintain.



技术参数 Technical parameter

型号 Model	SJZ92/188	SJZ110/220	SJP115/28	SJP135/31
制品宽度 Product width	960-1270mm	960-1270mm	960-1270mm	960-1270mm
制品厚度 Product thickness	3-8	3-8	3-8	3-8
最大挤出量 Capacity	600--800KG/H	1000--1300KG/H	700-900KG/H	1100-1300KG/H
主电机功率 Main motor power	110KW	160KW	90KW	160KW

备注：以上规格参数如有变更，恕不另行通知。Note: The specifications are subject to change without prior notice.

PVC High Speed Profile Extrusion Line

PVC异型材高速生产线

性能和优点：

参照国外新技术，对机组进行优化设计，具有塑化均匀，剪切速率小，产量高，使用寿命长等优点。该机组有双螺杆挤出机、真空定型台、牵引机、切割机、贴膜机、翻料架等组成。

主机采用进口交流变频或直流调速拖动，温控仪表采用进口品牌。辅材机真空泵和牵引电机均采用优质产品，维护简便，更换螺杆机筒及模具后，可以直接挤出仿真木发泡异型材，效果比单螺杆更佳。

Properties and advantages:

This line features stable plasticization, high output, low shearing force, long life service and other advantages. The production line consists of control system, conical twin screw extruder or parallel twin screw extruder, extrusion die, calibration unit, haul off unit, film covering machine and stacker.

The extruder is equipped with AC variable frequency or DC speed drive, imported temperature controller. The calibration unit's pump and haul off unit's reducer are famous brand products. After simple changing of the die and screw and barrel, it also can produce the foam profiles, the effect can be better than single screw extruder.

技术参数 Technical parameter

型号 model	YF240	YF240	YF240A
制品最大宽度 Production width (mm)	240	240	150*2
主机型号 Extruder model	SJP75/28	SJP93/28/31	SJP110/28
最大挤出量 Output (kg/h)	150-250	250-400	400-500
主机功率 Extruder power (kw)	37	55	75
冷却水用量 Cooling water (m ³ /h)	7	8	10
压缩空气用量 Compressor air (m ³ /min)	0.6	0.6	0.8

型号 Model	SJZ55/110	SJZ65/132	SJZ80/156
螺杆转速 rpm	34.7	34.7	34.7
电机功率 KW	22	37/30	55
生产能力 kg/h	100/150	180/250	300/400
中心高 mm	1050	1050	1050
净重 kg	3500	4000	5500

备注：以上规格参数如有变更，恕不另行通知。Note: The specifications are subject to change without prior notice.



WPC Wood Plastic Hollow Door

木塑中空门板挤出生产线

该生产线可以生产宽幅为 600-1200 之间任何规格宽幅的 PVC 塑木门板，设备主要有 SJZ92/188 锥形双螺杆挤出机、定型台、牵引机、切割机、放料架等组成，设备配置先进，制作精良，主要电气控制元件采用优质品牌，挤出系统设计中吸取了国外同行业先进技术创新，可靠性和耐久性程度高。辅机现有两种配置：YF1000和YF1250，可供广大用户选择。

The production line can produce the PVC wood-plastic door of the width between 600 and 1200 . The device has SJZ92/188 conical twin screw extruder, calibration, hall-off unit, cutter, such as stacker, targeting the advanced equipment, well-produced, the main electrical control devices are well-known global brands, extrusion system design imbibes the technic of for- eign country in this line, and it has a highly dependability and wear- ness. The other scheme have two types, it's supply for the custom to choose: YF1000 and YF1250.



技术参数 Technical parameter

辅机型号 Model	YF800	YF1000	YF1250
制品最大宽度 Production width (mm)	800	1000	1250
主机型号 Extruder model	SJZ80/156	SJZ92/188	SJZ92/188
辅机型号 Type	YF180	YF300/400	YF600
主机驱动功率 Extruder power (KW)	55	132	132
最大挤出量 Max of extrusion capacity (Kg/h)	250-350	400-600	400-600
冷却水用量 Cooling water (m³/h)	12	15	15
压缩空气用量 Compressor air (m³/min)	0.8	1	1



PVC Wood-Plastic Quick Assembling Wall Panel Extrusion Line

PVC木塑快装墙板生产线

该生产线主要用于生产木塑装饰材料，制品广泛用于家装和工装市场，具有无污染、高寿命、抗冲击、保温隔热、防水防潮、防火阻燃、易安装易擦洗、高效省时、时尚美观、可回收利用等特点，可用于高档墙饰面、吊顶、门套、窗套、吸音、保温要求的场所。

The machine is used for pollution WPC decoration product, which is widely used in house and public decoration field, features non-polution, long service lifetime, heat insulation, anti-fire, easy clean and maintanance, easy change and recycleable. It can be high quality decoration material for ceiling, door frame, window frame, sound proof and heat insulation.

技术参数 Technical parameter

主机型号 Extruder type	SJZ51/105	SJZ65/132	SJZ80/156
制品最大宽度 Production width (mm)	180	300/400	600
主机马达 Motor power (kw)	22	37	55
辅机型号 Type	YF180	YF300/400	YF600
最大挤出量 Output (kg/h)	80-100	150-200	300-400
冷却水用量 Cooling water (m ³ /h)	6	7	8
压缩空气用量 Compressor air (m ³ /min)	0.6	0.6	0.6

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.



PVC Plastic Trunk

PVC线槽

PVC线槽只是线槽的一种，主要是用于电气设备内部布线，现在普遍使用的有环保阻燃PVC线槽。

- 1、PVC线槽具有绝缘、防弧、阻燃自熄等特点，
- 2、PVC线槽主要起到机械防护和电气保护的作用。
- 3、PVC线槽配线方便、布线整齐、安装可靠，还便于查找、维修和调换线路。

PVC trunk is a kind of trunks, which is mainly used for internal wiring routing of electrical equipment. Now, environmentally friendly & flame retardant PVC trunk is widely used.

1. PVC trunk has the characteristics of insulation, arc protection, flame retardant and self extinguishing etc characteristics.
2. PVC trunk mainly plays important role of mechanical protection and electrical protection.
3. PVC trunk is convenient for wiring, neat wiring routing, reliable installation, and also easy to find, repair and replace wire routing line.



技术参数 Technical parameter

机型 Model	SJZ51	SJZ55	SJZ65
螺杆规格 Screw size	51/105	55/110	65/132
主电机功率 Motor power	18.5KW	22KW	37KW
产能 Output	80-100KG/H	100-150KG/H	150-200KG/H

备注：以上规格参数如有变更，恕不另行通知。Note: The specifications are subject to change without prior notice.

High Molecular Weight(HMW) Plastic Reinforced Steel Bridge

高分子塑钢桥架

高分子塑钢桥架主要分为复合型塑钢桥架和衬钢型塑钢桥架两种类型，是一种新型材料的桥架产品，该产品目前已经在化工、石油、电力、医药、建筑等行业和沿海地区广泛使用。它可取代目前传统的电缆桥架，在欧美发达国家已得到广泛应用，是未来工程应用首选的电缆桥架，符合国家“以塑代钢”的政策，并具有阻燃、耐腐、机械强度优、绝缘性能好、结构合理、外形美观和使用寿命长等特点。它综合了钢制桥架、玻璃钢桥架和铝合金桥架在不同工况和气候条件下的使用情况后研发而成。



HMW Plastic Reinforced Steel Bridge mainly divide into composite plastic bridge and plastic reinforced steel bridge. It is a kind of new and advanced bridge material series product. It already has been widely used in chemical industry, petroleum, electric power, medicine, construction and other industries and coastal areas. It can replace current traditional cable tray, and has been widely used in developed countries in EU and USA. It is the preferred cable tray for future engineering application. It conforms to the national policy of "replacing steel with plastic", and has the characteristics: flame retardant, corrosion resistance, excellent mechanical strength, good insulation performance, suitable structure, beautiful appearance and long service life. It integrates steel bridge, glass fiber reinforced plastic bridge and aluminum alloy bridge in different conditions and climatic conditions, then researched and developed.



技术参数 Technical parameter

机型 Model	SJZ65&JWS45	SJZ80&JWS50	SJZ92&JWS50
螺杆规格 Screw size	65/132	80/156	92/188
主电机功率 Motor power	37KW	55KW	110KW
产能 Output	150-200KG/H	250-350KG/H	500-600KG/H

备注：以上规格参数如有变更，恕不另行通知。Note: The specifications are subject to change without prior notice.

PVC Skinning (WPC) Foaming Board Extrusion Line

PVC结皮 (木塑) 发泡板材生产线

PVC发泡板及木塑发泡板的应用

交通运输业：轮船、飞机、客车、火车车厢、顶页蓬、厢体芯层、内部装璜用板。

建筑装璜业：建筑物外墙板、内装饰用板、住宅、办公室、公共场所建筑物隔间、商用装饰架、无尘室用板、吊顶板、家庭厨柜、吊柜和家居。通过油漆印刷、贴膜和热压设备，可以生产各类仿木制品。

结皮（木塑）发泡生产线

该设备为发泡板行业根据自由发泡和结皮发泡的特点，采用自由发泡设备的挤出部分和结皮发泡的定型辅机部分发展而来的。具有产品质量兼有结皮发泡的平整度、自由发泡设备的低密度、表面硬度介于结皮发泡和自由发泡之间的特点；另外设备投资小，接近自由发泡设备，利于市场的推广。



PVC foaming board and WPC foaming board application:

Transportation industrial: Ship, plane, bus, chamber of train, roofing, core layer, inner decoration board.

Construction and decoration industrial: outer wall board, inner decoration board, housing, office, public construction board, furniture, cupboard, roofing. Adopting printing, film coating and thermo-embossing equipment, will get all kinds of emula-tional wooden product.

Skinning (WPC) foam board extrusion line

This extrusion line is made according to the features of free foamed board and skinning foamed board by using the extrusion system for free foamed board machine and the downstream equipment for skinning foamed board. The product produced by this machine has the features of smooth surface, low density, and the surface hardness of the product is between the skin-ning foamed board and free foamed board. The investment of this machine is close to the investment of free foamed board extrusion line, which makes it easy for market promotion.

技术参数 Technical parameter

机型 Model	结皮发泡板 Skinning foaming board extrusion line	共挤发泡板 Co-extrusion foamed board extrusion line
制品宽度 Products Width	1220-1600mm	1220-1600mm
制品厚度 Products Thickness	3-30 mm	3-30mm
挤出机规格 Extruder Specification	SJZ80/156	SJZ65/132、 SJZ80/156
最大挤出产量 Capacity (Max.)	300-400Kg/h	400-500Kg/h
主电机功率 Main Motor Power	75Kw	37KW/75KW

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.



PVC Single/multi Layer Resistnce Heat Corrugated Roofing Extrusion line

PVC单层、多层隔热瓦楞板、琉璃瓦挤出生产线

PVC波浪瓦及琉璃瓦的特点及应用：

- 防火性能卓越，属难燃材料，无自燃性，抗化学腐蚀、耐酸、碱，散热快，采光性能极佳，寿命长；
- 采用特殊技术配方，耐室外大气暴晒，隔热性能好，炎热夏季中能提供较金属用瓦更舒适的环境；
- 适用范围广，厂房、仓库、车棚、农贸市场、围板、墙身、临时商铺、隔热棚等非常适用。

技术参数 Technical parameter

挤出机规格 Extruder specification	SJZ80/156 & SJZ51/105	SJZ80/156 & JWS50/30	SJZ92/188 & JWS65/30
主电机驱动 Main motor power	55kw	55kw	110kw
制品宽度 Products width	1140mm	850mm	880mm
最大挤出产量 Capacity (Max.)	300-400kg/h	300-400kg/h	400-600kg/h

备注：以上规格参数如有变更，恕不另行通知。Note: The specifications are subject to change without prior notice.

PVC corrugated board and Step-Roofing feature and application:

- The fire protection performance is remarkable, difficult to burn. Anti-corrosion, Acidproof, alkali, radiates quickly, high light- ing, long life-span.
- Adopt special technology, bears the outdoor atmospheric insolation, the heat insulation performance is good, in the hot summer can provide compares the metal to use a tile more comfortable environment.
- The applicable scope is broad, the workshop, the warehouse, the vehicle shed, the agricultural market fair, the brattice, the wall body, the temporary store, the heat insulation awning and so on are suitable.



WPC (PE&PP) Wood-Plastic Decking Extrusion Line

WPC (PE&PP) 木塑地板挤出生产线

WPC (PE&PP) 木塑地板是指木塑复合材料的配混、脱挥、制品挤出成型分别在不同的设备中完成，即原材料按一定配方配混好之后，中间造成木塑颗粒，再挤出加工成木塑地板的这个过程。

目前两步法应用较为广泛，一般是用锥双挤出机或平双挤出机造粒再用锥双或单螺杆挤出机挤出成型制品，主要使用在室内外地板、护栏、托盘等 WPC (PE&PP) 类木塑产品的挤出成型。

WPC (PE&PP) Wood-Plastic Floor is that the wood-plastic composite materials complete in different equipments of mixing, from play, extruding products, mixing the raw material in a certain formula, forming wood-plastic particles in the middle, and then squeezing out products. And nowadays, the two-step way is used currently, application of a wider general use dual-cone-or two-extruder extruder granulation, and then double-cone or single screw extruder extrusion products, mainly used in floor indoor or outdoor, parapets, tray, such as WPC (PE&PP) plastic extrusion products.



技术参数 Technical parameter

型号 Model	SJZ65	SJZ72	SJZ80
螺杆规格(mm)	65/132	72/152	80/156
主电机功率 Power of main motor(KW)	37	45	55
生产能力 Output(kg/h)	150 180	125-300	200-350

备注：以上规格参数如有变更，恕不另行通知。Note: The specifications are subject to change without prior notice.

PE Marine Pedal Profile Extrusion Line

海洋踏板设备

金纬机械为建设绿色海洋牧场助力!

传统的近海网箱养殖以木质网箱、木质渔排和塑料泡沫为主要生产资料，在生产养殖前后都会对海域造成严重污染，而且抗风浪、抗风险能力弱，存在安全隐患。目前金纬机械提供的整套项目解决方案包括塑胶渔排踏板挤出生产线 + 海洋浮桶中空吹塑成型机 + 海洋管材生产线，是未来海洋养殖的趋势，该产品具有绿色环保，可回收，抗台风、抗老化、抗紫外线等一系列优点，保障了海洋的生态环境免遭破坏，国外已经在推广，国内沿海养殖区正在慢慢普及。

主要用于海上，也可用于江、河、湖、泊、塘等。

JWELL Machinery helps to build a green marine ranch!

Traditional offshore culture in net cage mainly uses wooden net cage, wooden fishing raft and plastic foam. It will cause serious pollution to the sea area before and after the production and cultivation, and it's also weak in resisting wind waves and resisting risks. At present, the whole set of project solutions provided by Jwell Machinery include Plastic Fishing Raft pedal extrusion extrusion line + marine floating bucket blow moulding machine + marine pipe extrusion line, which is the trend of marine aquaculture in the future. This product has a series of advantages, such as green environment protection, recyclability, typhoon resistance, anti-aging, anti-ultraviolet ray and so on. It ensures the marine ecological environment from being destroyed. It has been promoted abroad. Domestic coastal aquaculture areas are gradually popularizing.

Mainly used in the sea, can also be used in rivers, lakes, moors, ponds, etc.



技术参数 Technical parameter

型号	制品宽度	辅机型号	主机功率	产量kg/h
Model	Product width	Type	Power of main motor	Output
JWS75/33+JWS45/33	300-400mm	YF400	75KW+30KW	250-350
JWS90/33+JWS45/33	500mm	YF500	110KW+30KW	400-500

备注：以上规格参数如有变更，恕不另行通知。Note: The specifications are subject to change without prior notice.

PS Plastic Foamed Picture Frame Extrusion Line

PS 塑料发泡镜框型材生产线

YF 系列 PS塑料发泡镜框型材挤出生产线，主要有单螺杆主挤出机和配套共挤机，冷却水槽，热转印机组，牵引机，切割机，翻料架组成，整条生产线配进口ABB交流变频器控制，进口RKC温空仪表等元气件，具有塑化好，产量高，使用可靠的特点。其中热转印机组是根据进口样制机改进设计而成，它主要采用热压印的方式，将色带上的涂料压印在发泡 PS异型材上。该机外观美观、性能可靠、使用方便、烫印精确、吸附力强。且调节手轮可以压印各种不同形状的异型材。该设备主要和塑料挤出机、牵引机、切割机等配套使用，是目前塑料机械行业新开发的一种配套辅机。

技术参数 Technical parameter

机型 Model	YF1	YF2	YF3	YF4
主机 Extruder	JWS65	JWS90	JWS100	JWS120
共挤机 Co-extruder	JWS35	JWS45	JWS45	JWS45
生产制品宽度 Products width	3inch	4inch	5inch	6-8inch
配套热转印机 Hot stamping machine	8组	10组	10组	12组
生产线速度 Speed	2-6m/min	2-6m/min	2-6m/min	2-6m/min

备注：以上规格参数如有变更，恕不另行通知。Note: The specifications are subject to change without prior notice.

YF Series PS Foam Profile Extrusion Line, consists of single screw extruder and the special co-extruder, with the cooling water tank, hot stamping machine system, haul-off unit, and stacker. This line with imported ABB AC inverter control, imported RKC temperature meter etc. and features of good plasticization, high output capacity, and stable performance etc. The hot stamping machine system combined foreign technology, by the hot stamping embossing method, transfer the coating layer from the film to the PS foamed profile. The machine with good appearance, stable performance, accurate & easy operation. By adjust the embossing wheel the machine can work on various of different profiles. Working together with the main extruder and other extrusion down steam equipments, this line is popular as the latest developed producing line.



Single-screw WPC (foaming) Extrusion Line

单螺杆(发泡)挤出生产线

我公司新研发的HDPE发泡制品生产线，制品广放应用与室外家具制作，如室外桌椅，沙滩椅，公园长椅，花箱，垃圾桶，花圃围栏。

产品特点：较传统材料更加环保，密度轻，生产成本低，可塑性强，韧性好，耐候性能卓越，使用寿命长，色彩丰富多样，更加耐腐蚀，易清洗，握钉力优于WPC制品等。产品深受发达国家民众所喜爱。

The HDPE foam production line newly developed by our company is widely used in produce outdoor furniture, such as outdoor tables and chairs, beach chairs, park benches, flower boxes, garbage cans and garden fences. The features: more environmental friendly than traditional materials, light density, low production cost, strong plasticity, good toughness, excellent weather resistance, long service life, colorful, good corrosion-resistant, easy to clean, nail holding force is better than WPC products, etc. The products are deeply loved by the people in developed countries.

技术参数 Technical parameter

机型 Model	JWS65/33	JWS75/33	JWS90/33
制品最大宽度 Production width	240mm	240mm	400mm
主机马达 Motor power	37kw	45kw	55kw
最大挤出量 Output	30-50kg/h	50-70kg/h	80-120kg/h

备注：以上规格参数如有变更，恕不另行通知。Note: The specifications are subject to change without prior notice.



PE or PVC Extrusion Line

百叶窗产品

我公司生产的PVC共挤发泡百叶窗生产线，操作简单，模头采用快换式哈夫连接更换方便，可实现在线冲孔，定长切割，特殊设计的螺杆结构保障制品发泡均匀，产量稳定。

产品特点：美观节能，装饰性好；保护隐私，价格便宜；冬暖夏凉，能阻挡紫外线；免焊接组装，制作简单。

技术参数 Technical parameter

机型 Model	JWS55/25+JWS30/25	JWS65/25+35/25	SJZ51/105
制品最大宽度 Production width	108mm	108mm	108mm
最大挤出量 Output	20-30Kg/h	30-40Kg/h	60-80Kg/h

备注：以上规格参数如有变更，恕不另行通知。Note: The specifications are subject to change without prior notice.

The PVC coextrusion foaming shutter production line design by our company, it is simple operate. The die head adopts quick-change Haff connection, which is convenient to replace. It can realize on-line punching and set length cutting. The specially designed screw structure ensure foaming evenly and stable output.

The product features: energy-saving, good decoration; protect privacy and low price; it is warm in winter and cool in summer, which can stop ultraviolet rays; welding free assembly and simple fabrication.



Plastic Edge Banding Extrusion Line

塑料封边条生产线

我司吸取了国内外先进技术，成功开发出适合用户需求的封边条生产线，该机组有单螺杆挤出机或双螺杆挤出机，模具，压花装置，真空定型水槽，牵引涂胶辊装置，风干装置，切割装置，收卷装置等部分组成。

主要特点：

产品塑化好，颜色多样化，控制精确，产量高，能耗低，可替代PVC压延片使用等显著特点。主机采用进口变频器调速，温控仪表采内用日本OMRON欧姆龙产品。辅机真空泵和牵引电机均采用优质产品，维护方便。

主要用途：家具、办公用具的贴面、封边、包装吸塑等。



Our company has absorbed the advanced technology at domestic and abroad and successfully developed the edge banding production line suitable for the needs of customers. The production line consists of single screw extruder or twin screw extruder and mold, embossing device, vacuum tank, haul-off unit as gluing roller device, air dryer device, cutting device, the winder device etc.

Main characteristic:

The product has characteristics as good plasticization, diversified colors, accurate control, high capacity and low energy consumption. It can replace PVC calendering sheet technology. The extruder adopts imported frequency inverter for speed regulation, the temperature control adopts Japanese Omron products. The auxiliary machine with vacuum pump and haul-off unit motor adopt high-quality products for convenient maintenance.

Main application: furniture, wainscot of office appliances, edge banding, packaging thermoforming etc.



技术参数 Technical parameter

机型 Model	驱动功率 Driving motor	螺杆转速 Screw rpm	挤出量 Capacity	制品规格 Product's size	厚度 Thickness
JWS45/25	11KW	5-50rpm	15-20Kg/h	12-35mm	0.4-1mm
JWS50/25	15KW	5-50rpm	25-30Kg/h	12-35mm	0.4-1mm
JWS55/25	18.5KW	5-50rpm	30-50Kg/h	12-45mm	0.4-2mm
JWS65/25	22KW	5-50rpm	50-60Kg/h	12-45mm	0.4-2mm

备注：以上规格参数如有变更，恕不另行通知。Note: The specifications are subject to change without prior notice.

PVC.PP.PE.PC.ABS Small Profile Extrusion Line

PVC\PP\PE\PC\ABS 等异型材挤出生产线

本公司吸取了国内外先进技术，成功开发出适合用户需求的小型材生产线。该机组有单螺杆挤出机或双螺杆挤出机、真空定型台、牵引机、切割机、翻料架等几部分组成，生产线具有塑化好，产量高，能耗低等显著特点。主机采用进口交流变频器调速，温控仪表采用日本OMRON欧姆龙产品。辅机真空泵和牵引电机均采用优质产品，维护简便。

By adopting the foreign and domestic advanced technology, we successfully developed the small profile extrusion line. This line consists of Single Screw Extruder, Vacuum Calibration Table, Haul-off Unit, Cutter and Stacker, the producing line features of good plasticization, high output capacity, low power consumption and etc. The main extruder speed controlled by imported AC inverter, and temperature control by Japanese OMRON temperature meter, vacuum pump and traction gear reducer of the down stream equipment are all good quality products, and also easy maintenance.

技术参数 Technical parameter

型号 Model	YF50	YF108	YF180	YF240	YF300
制品最大宽度 (mm)	50	108	180	240	300
主机型号 Extruder model	JWS 45	JWS 50	JWS 65	JWS 90	JWS 120
驱动功率 (kw)	15/11	22/18.5	30/22	55/45	90/75
冷却水用量 (m ³ /h)	4	4	5	7	7
压缩空气用量 (m ³ /min)	0.5	0.6	0.6	0.6	0.6



备注：以上规格参数如有变更，恕不另行通知。Note: The specifications are subject to change without prior notice.



PVC.TPU.TPE Sealing Strip Profile Extrusion Line

PVC、TPU、TPE密封条生产线

该生产线主要用于加工 PVC、TPU、TPE 等不同材料的密封条，性能稳定产量高、能耗低等特点。主机采用进口交流变频调速，西门子显示屏，操作简单，维护方便。

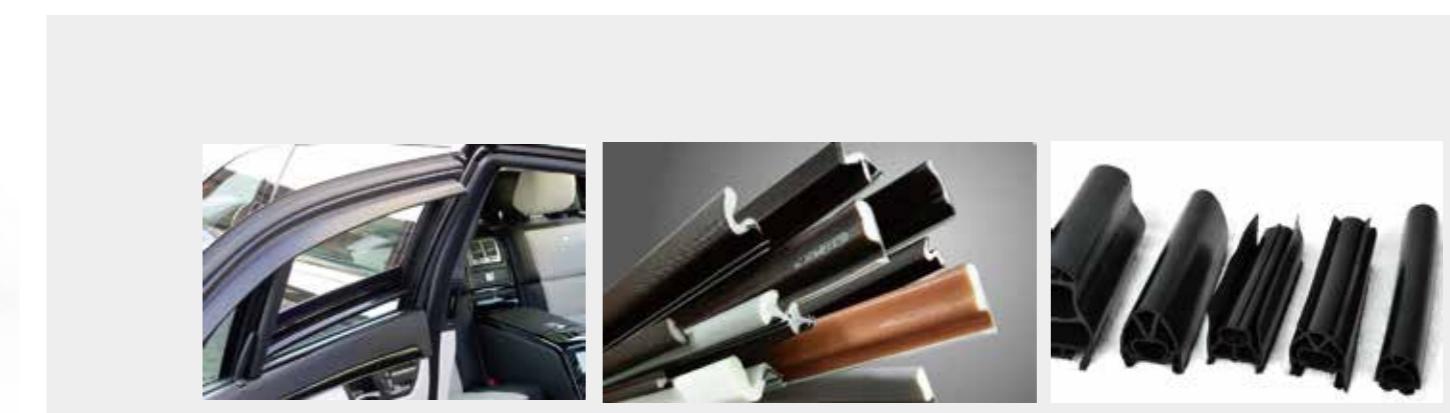
The machine is used for producing sealing strip of PVC, TPU, TPE etc material, features high output, steady extrusion, low power consumption. Adapting famous inverter, SIEMENS PLC and screen, easy operation and maintenance.



技术参数 Technical parameter

主机型号 Extruder model	JWS45/25	JWS65/25
主机马达 Motor power (kw)	7.5	18.5
最大挤出量 Output (kg/h)	15-25	40-60
冷却水用量 Cooling water (m ³ /h)	3	4
压缩空气用量 Compressor air (m ³ /min)	0.6	0.6

备注：以上规格参数如有变更，恕不另行通知。Note: The specifications are subject to change without prior notice.



PVC Free Foaming/UV Imitation Marble Board Extrusion Line

PVC自由发泡/仿大理石板挤出生产线

应用

- 广泛应用于网板印刷、电脑刻字、广告标示、展板、标志用板、相册板等行业。
- UV仿大理石板
 - a、板材表面覆仿大理石纹薄膜，或者热转印仿大理石纹并 UV固化处理，良好的抗划伤性，耐刮擦性；
 - b、板材花色、品种多样，施工方便；
 - c、在室内墙体装潢中替代大理石等天然石材，良好的耐老性、抗紫外线、耐黄变，绿色环保、无辐射。



Application :

- PVC free foamed board is widely used in advertisement board, exhibition board, picture frame, etc.
- UV imitation marble board:
 - a、Board surface coat imitation marble film, or laminate imitation marble and through curing treatment, good anti scratch, anti scratch resistance.
 - b、Board with variety of color, it's convenient to construct;
 - c、Instead of marble etc. natural stone in the interior decoration, with good aging resistance, anti-ultraviolet ray, anti-yellow, green and environment、no radiation.



技术参数 Technical parameter

制品宽度 Products Width	1220mm	1560mm	2050mm
制品厚度 Products Thickness	1-18mm	1-12mm	1-10mm
挤出机规格 Extruder Specification	SJZ80/156	SJZ80/156	SJZ80/156
最大挤出产量 Capacity (Max.)	350-450kg/h	350-450kg/h	350-450kg/h
主电机功率 Main Motor Power	75Kw	75KW	75KW

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

PVC,PP Siding Panel High Speed Extrusion Line

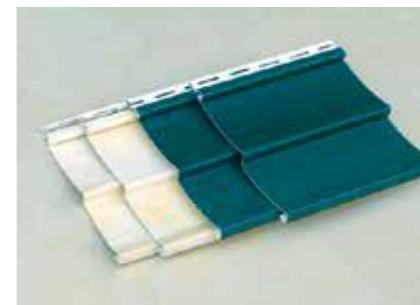
PVC、PP挂壁板高速挤出生产线

YF 系列挂壁板生产线

挂壁板适用于家用、办公楼、高档别墅外墙面的防护，表面可覆盖 PVC、ASA、PMMA等材料，可以用在热或冷、干或湿的地方，能经受长期紫外线照射和狂风暴雨的恶劣气候条件。挂壁板生产线能快速更换压花辊，定型台的特殊构造和积累的生产经验，能保证生产线的使用寿命长和操作简便，生产线上冲孔机，实现了挂壁板的在线冲孔，保证了经济性，也可根据客户要求配备滚花机、喷码机等设备。

YF series siding panel extrusion line

Siding panel applied in house, office building, villa, and wall protection. Due to its top layer covered with PVC, ASA, or PMMA, it can be used in hot, cold dry or wet place, can bear long time sun light, wind, rain and bad weather. This line can be equipped with different pattern rollers, easily changeable. Special designed calibration unit and good process-ing experience can make operation easy and extend its life. Punching on-line, it is more economical way. As per customer's requests, it also can be equipped with rolling machine, printer, coding machine and so on.



技术参数 Technical parameter

生产线型号 Line model	低速线 (Low speed line)	高速线 (High speed line)
辅机型号 Model	YF-GD	YF-GD
辅机总功率 Power	42.3KW	42.3KW
线速度最大 Line speed	4m/min	4m/min
冷却水用量 Cooling water (m ³ /h)	5m ³ /h	5m ³ /h
压缩空气用量 Compressor air (m ³ /min)	0.6Mpa	0.6Mpa

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

PVC Counter Rotation Parallel Twin-Screw Pelletizing Extrusion Line

PVC双向平双螺杆造粒挤出生产线



该机组是由系列平双螺杆挤出机与相应造粒辅机组成的成套设备，主要适用于 PVC 软质，硬质造粒。生产的塑料颗粒均匀、密实、美观，辅机采用模面切粒，风送集料，振动分离冷却，具有自动化程度高，生产效率佳等特点。

This pelletizing machine is composed by a counter parallel twin-screw extruder and downstream equipment, it is suitable for the pelletizing of PVC soft and rigid. The pellets produced by this machine is evenly, solid, elegance. The pelletizing down-stream equipment is the die face cutter, air transferring unit, vibration separating and cooling unit. This pelletizing down-stream equipment has the features of high automation and high production efficiency.

技术参数 Technical parameter

型号 Model	SJP93	SJP120	SJP135
螺杆规格(mm)	95/22	120/26	135/31
颗粒规格(mm)	ø3-ø4	ø3-ø5	ø3-ø5
生产能力 Output(Kg/h)	300-400	500-600	800-1200
主电机功率 Power of main motor(Kw)	55	110	160

备注：以上规格参数如有变更，恕不另行通知。Note: The specifications are subject to change without prior notice.



PVC Counter Rotation Conical Twin-Screw Pelletizing Extrusion Line

PVC双向锥双螺杆造粒挤出生产线

该机组是由系列锥双螺杆挤出机与相应造粒辅机组成的成套设备，主要适用于 PVC 软质，硬质造粒。生产的塑料颗粒均匀、密实、美观，辅机采用模面切粒，风送集料，振动分离冷却，具有自动化程度高，生产效率佳等特点。

This pelletizing machine is composed by a counter conical twin-screw extruder and downstream equipment, it is suitable for the pelletizing of soft and rigid PVC. The pellets produced by this machine is evenly, solid, elegance. The pelletizing down-stream equipment is the die face cutter, air transferring unit, vibration separating and cooling unit. This pelletizing down-stream equipment has the features of high automation and high production efficiency.



技术参数 Technical parameter

型号 Model	SJZ65	SJZ80	SJZ92	SJZ110
螺杆规格(mm)	65/132	80/156	92/188	110/220
生产能力 Output(Kg/h)	200-300	300-500	600-800	800-1200
主电机功率 Power of main motor(Kw)	37	55	110	160

备注：以上规格参数如有变更，恕不另行通知。Note: The specifications are subject to change without prior notice.

Single Screw Extruder

单螺杆挤出机

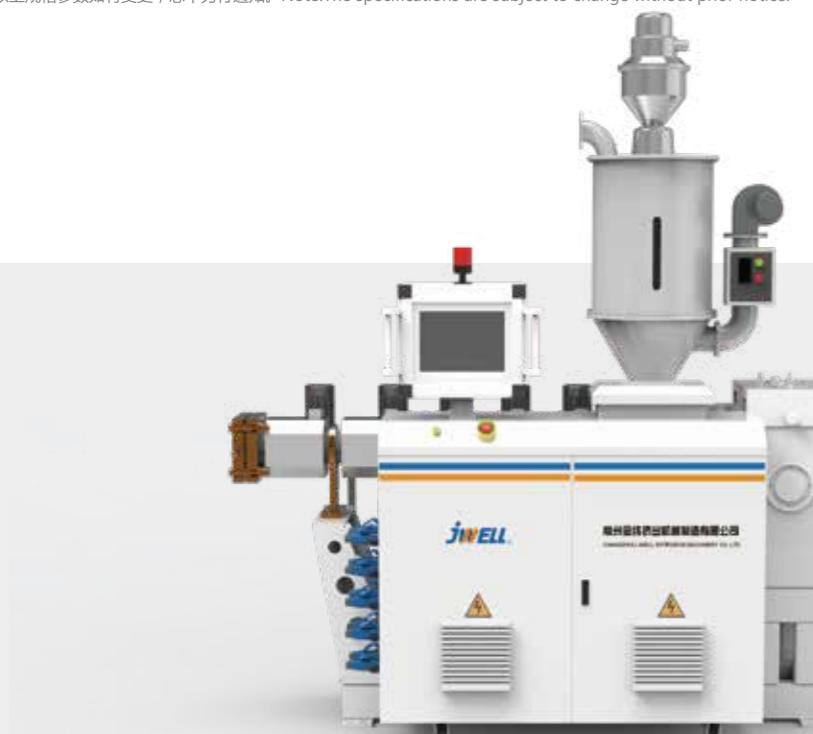
该机型主要用于异型材产品的挤出，螺杆机筒的结构形式多样，加工精度高，塑化好，产量高，适合不同用户需求，电气控制元件配置高档，可靠性好。适合加工 PVC/PC/ABS 等各种异型材产品。

This model of equipment mainly used to extrude profile, the structure and form of screws and barrels vary a lot, and the screws and barrels are processed precisely which can guarantee a good plasticization, high capacity and can meet different customer's needs, the electrical controlling parts are equipped in high class which made it safe to operate. Suitable for PVC/PC/ABS Profile.

技术参数 Technical parameter

型号 Model	螺杆直径 (mm)	长径比 L/D	传动功率 KW	螺杆转速 rpm	最大产量 kg/h	加工树脂	中心高 (mm)
JWS45	45	25/28	11/15/18.5	10-100	25/30/38	PVC/ABS/PC 等	1000
JWS65	65	25/28	18.5/22/30	10-100	50/60/80	PVC/ABS/PC 等	1000
JWS75	75	25/28	37	10-100	80	PVC/ABS/PC 等	1000
JWS80	80	28/30	37	10-90	100	PP/ABS/PC 等	1000
JWS90	90	28/30	45	10-90	120	PP/ABS/PC 等	1000
JWS120	120	28/30	75	10-90	250	PC/ABS 等	1000

备注：以上规格参数如有变更，恕不另行通知。Note: The specifications are subject to change without prior notice.



JWS45/25 Single-Screw Extruder for Ultra High Molecular Weight Polyethylene (UHMW-PE)

JWS45/25超高分子量聚乙烯 (UHMW-PE) 挤出机

该挤出机采用具有我司专利的螺杆和机筒结构，可用于加工 150 万以上分子量的粉料，克服了因流动性差、易降解导致力学性能下降等问题，使设备挤出过程中塑化性好，生产较稳定。另外该挤出机采用高效节能电机驱动装置、红外节能加热圈，有效降低了生产能耗。该设备具有结构紧凑，外形美观，占用空间小，操作方便等优点，可用于生产各种小型的板材、型材、棒材制品。

The extruder has our patented design for screw and barrel, which can be used to process more than 1.5 million molecular of the powder material. By overcoming poor flow ability, Mechanical properties decreasing due to easy degradation, etc. The extruder can have stable output and reliable plasticization during production. Also the extruder equips high efficient and energy saving driving motor, infrared energy-saving heaters, reducing energy consumption.

The extruder has a compact structure, beautiful appearance, small space, easy operation etc, can be used to produce a variety of small plates, profiles, rods products.



技术参数 Technical parameter

型号 Model	JWS45/25
螺杆转速 rpm	3-25
最大挤出量 kg/h	3-10
电机功率 KW	5.5
加热功率 KW	9.4



All Kinds of Small Profile Products

各类型材制品



PC阳光板搭扣
PC hollow sheet lock profile



PC灯罩
PC lamp cover profile



PVC IC包装管
PVC IC packing tube



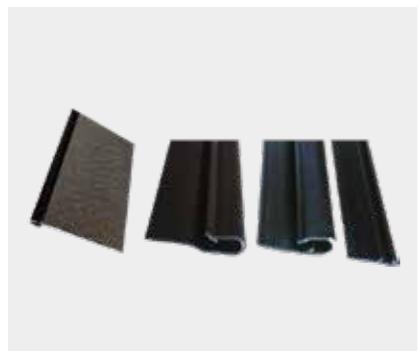
PVC折叠门
PVC folding door



TPE/PVC密封条
TPE/PVC gaskets



ABS小型材
ABS small profile



PP汽车卡条
PP automobile card slot



HDPE 欧姆管
HDPE ohm tube



PA66+玻纤隔热条
PA 66 + glass fiber thermos insulation seal



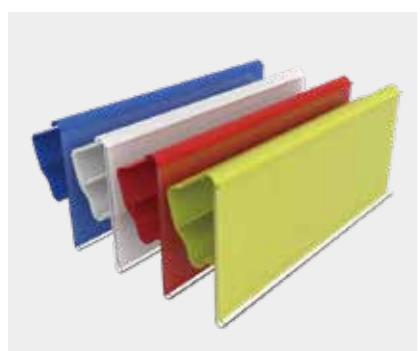
软PVC踏步垫
Soft PVC carpet



PVC装饰线条
PVC decoration strips profile



PP汽车用小型材
PP automobile profile



PVC超市标贴
PVC Supermarket label profile



PETG超市标贴
PETG Supermarket label profile



医用PU管
PU medical tube



污水处理用K管
Sewage K tube



TPU健身带
TPU Fitness belt



PC电子载带
PC Narrow band

Feeding system

集中供料系统

集中供料系统是为塑料挤出车间的塑料产品生产而设计的，实现了不间断无人化连续成型作业。可根据需要改变原料品种、多颜色材料的组合使用方式，实现配方工序的自动化。系统能够以全自动方式组合原料成份及状态，能够对所有供料设备的控制，并防止了储料仓内阻塞现象的发生，通过设置中央监控台实现全自动化。

Material centralized feeding system was designed for the plastic product extrusion plant, which can keep working automatically. It can change the raw material and color masterbatch, making up the formulation automatically as per the need of production. The system will make the material components and state automatically, being easy for controlling the material feeding of all production lines, and protecting the material block in the hopper, realizing material feeding automatically by the data setting in the central controlling panel.

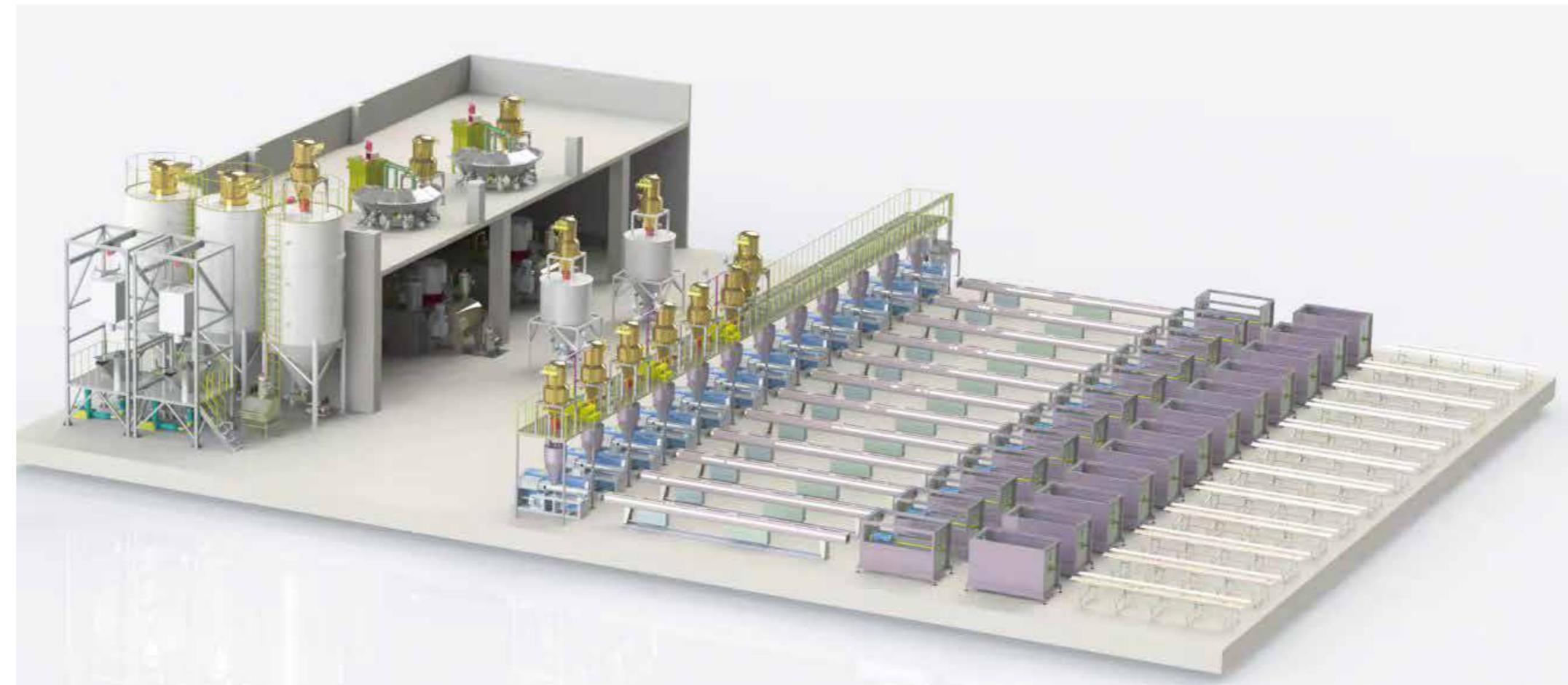
流程：原料→储存→计量→混料→输送→使用

Process: material→storage→metering→mixing→feeding→use

特点：高效、节能、个性化、现代化工厂形象

Features: efficient、energy saving、individuation、

image of modern forming factory



计量
Metering



混料
Mixing



配管
Piping



中央气泵
Central air pump



输送
Conveying



脉冲集尘器
Pulse dust collector

Surface Process Equipments for WPC Products

木塑制品表面加工设备

Sander

砂光机

此机床适用于定厚砂光，精细砂光等各种板材的表面处理。

This machine suits for the thickness sanding, fine sanding and polish the surface of other various boards.



Transfer printing machine for door

门板转印机

此机器主要用于木塑整板门、木塑橱柜门板、PVC 整板门、墙板的花纹图案表面转印。机器使用的是高温转印，有除尘，板材预加热装置。

The machine is used for surface design transferring of wood-plastic door, wood-plastic cabinet door board, PVC door and wall board. Using high temperature transferring, this machine can automatically remove dust and have board pre-heating device.



WPC embossing machine

木塑压花机

木塑压花机主要用于 PE\PP\PVC 木塑型材、板材等木塑材料表面的花纹压制，使木塑制品表面木质感更好。采用的压花辊表面可以加工成各种木纹纹理，表面可以镀硬铬，辊腔内加热，操作简单，耐磨损。

The wood-plastic embossing is mainly used for the pattern repression of PE\PP\PVC wood plastic profile,sheet surface,it's better for the wood products surface of wood texture.the surface of the embossing can be processed all kinds of wood texture,surface can be hard chrome plating, Roller cavity heating,simple operation and wear-resistant.



Carving machine for door

门板雕刻机

此机器主要用于木塑门板，实木门板，密度门板，橱柜门板的雕花镂空，机器使用横向纵向上下三轴控制，电脑操作，可完成门板的各种雕刻。

This machine is mainly used for pattern carving of wood-plastic board, hard wood board, density board and cabinet board. It uses three spindles as landscape orientation, lengthways and up and down. All kinds of engraving by computer.



Testing Equipments for WPC Products

木塑制品检测设备

Ultraviolet accelerated aging test machine

紫外线加速老化试验机

适用于测试材料及制品。经在阳光、湿度、温度、凝露等气候条件的变化下检验有关产品及材料老化现象程度，在短时间内得到变色、退色等情况。

Suitable for testing kinds of material and products. Under the climate changes of sun-shine, temperature, humidity, condensation etc, In order to test related products and material aging degree. In a short time get discoloration, fading and so on.



Impact tester

简支梁冲击试验机

主要用于硬质塑料板材、管材、异型材、增强尼龙、玻璃钢、陶瓷、铸石，电绝缘材料等非金属材料冲击韧性的测定。符合 GB/T1043《硬质塑料简支梁冲击试验方法》以及 ISO179、ISO9854-1、DIN8078、DIN53453 等要求。具有性能稳定可靠、精度高，使用简便等特点，可直接计算冲击能量，保存 60 个历史数据，6 种单位变换，两屏显示，可显示实用角度和角度峰值或能量，是化工行业、科研单位、大专院校，质量检验部门及专业生产厂家实验室等单位理想的试验设备。

Mainly used in testing the impact toughness of hard plastic sheet, pipe, profile, enhance nylon, glass, steel, ceramics, cast stone, electrical insulation, and other non-metallic materials. According to GB/T1043, ISO179, ISO9854-1, DIN8078, DIN53453, etc.. With the advantages such as stable and reliable performance, high precision, simple operation and direct calculation of the impact energy, save 60 historical data, transform of 6 kinds of units, screen display, displaying the practical angle and angle peak or energy, etc, it is the ideal test equipment for chemical industry, scientific research units, universities and colleges, quality inspection departments and professional manufacturers.



Melt flow indexer

熔体流动速率仪

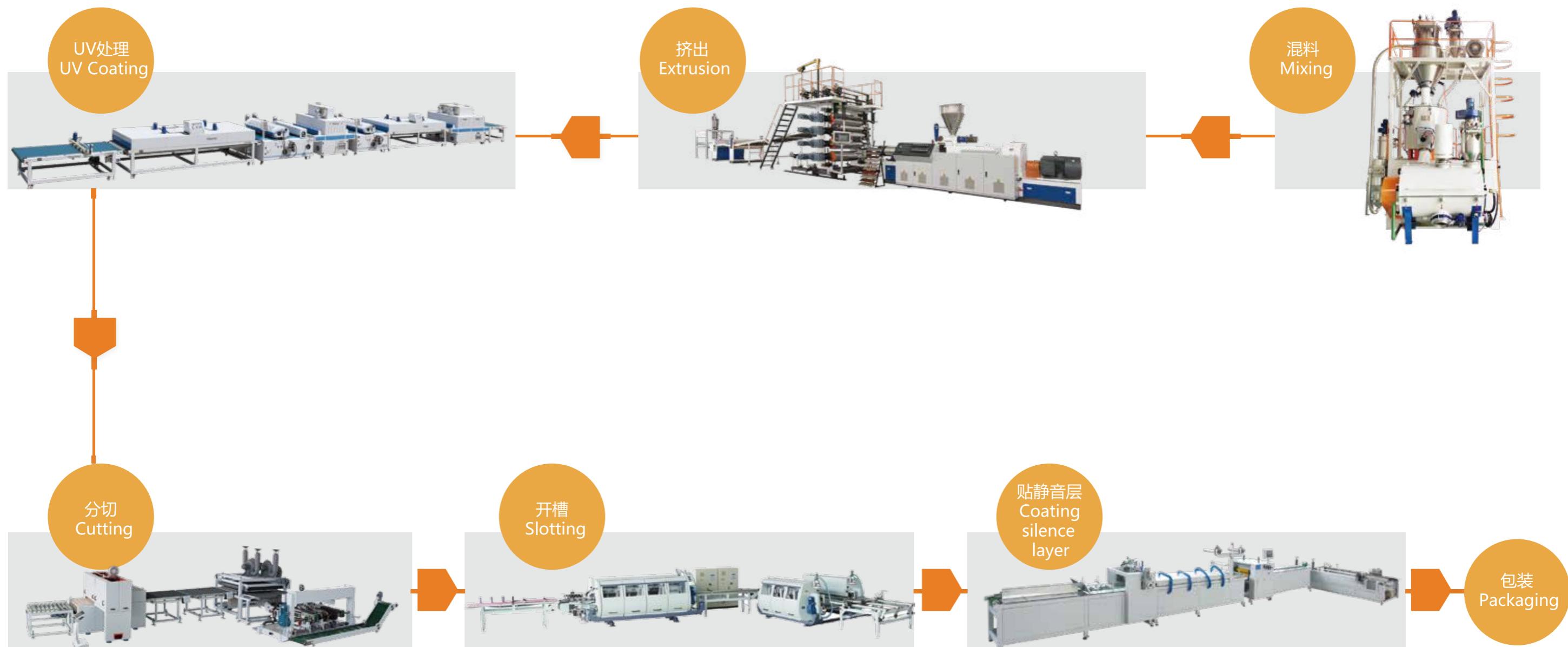
用于测定热塑性树脂的熔体质量流动速率 (MFR)、熔体体积流动速率 (MVR) 和熔体密度，它不仅适用于熔融温度较高的聚碳酸酯、尼龙、氟塑料、聚芳砜等工程塑料，也适用于聚乙烯、聚苯乙烯、聚丙烯、ABS 树脂、聚甲醛树脂等熔融温度较低的塑料测试，广泛地应用于塑料原料、制品、石油化工等行业以及相关大专院校、科研单位和商检部门。

It allows for the measurement of melt mass-flow rate (MFR) and melt volume-flow rate (MVR), melt density test, not only suitable for the high melting temperature engineering plastics, but also for low melting temperature plastics. It is widely used in chemical industry, scientific research units, universities and colleges, quality inspection departments.



SPC Floor Production Process

SPC 地板工艺流程

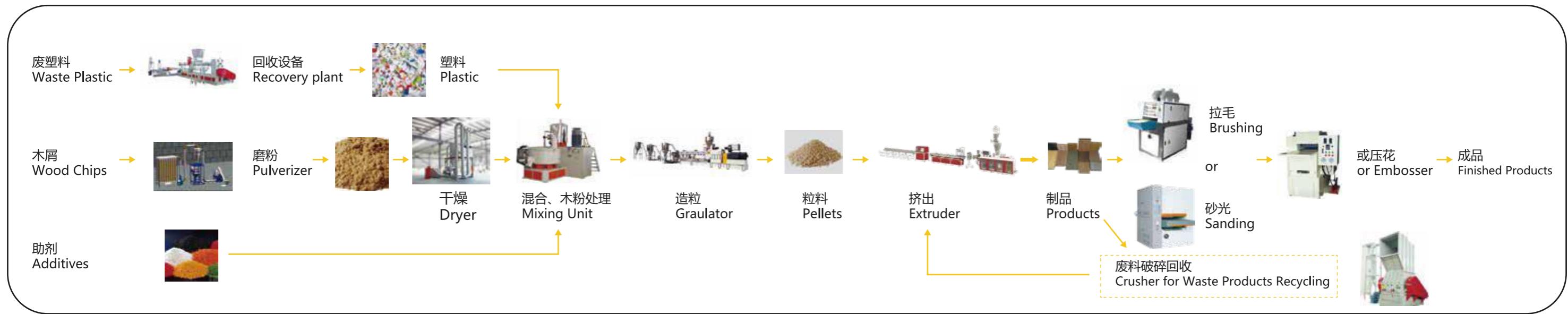


Flow Chat of WPC Production

工艺流程

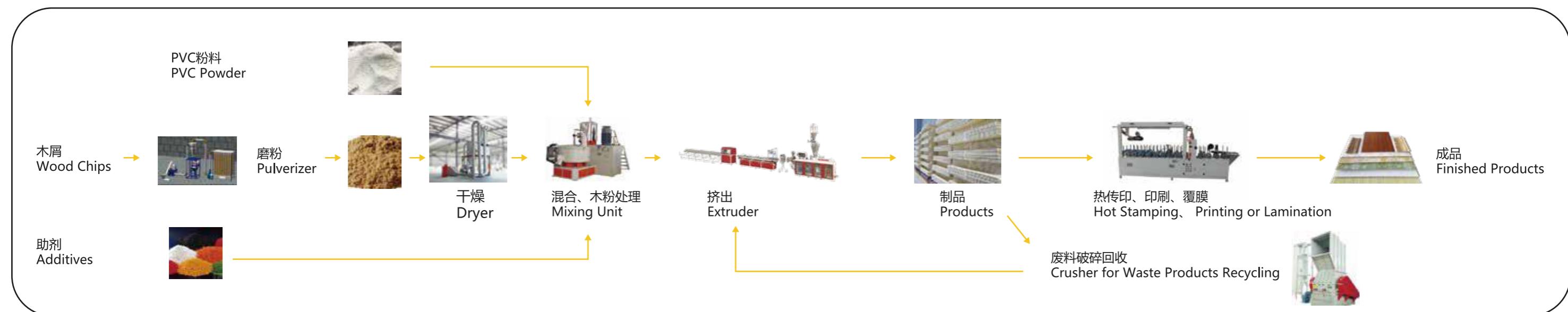
Outdoor Products (PE、PP、PS) Flow Chat of WPC Two-step Line

门板室外产品 (PE、PP、PS) 木塑两步法流程图



Indoor Products Flow Chat of WPC process

室内产品 (PVC 发泡) 木塑工艺流程图



Linkage of Relating Auxiliary Equipment

相关公司产品链接



Co-rotation parallel twin-screw pelletizing machine

同向平双螺杆造粒机组

Screw and barrel

螺杆、机筒

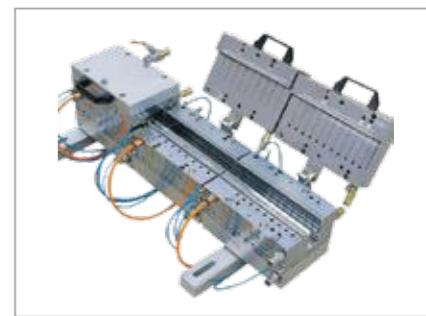


Hydraulic screen changer

自动换网器和液压站

All kinds of profile tooling

各类木塑型材模具



Mixer

800-2500 卧式混料机

Extruder

挤出机

T-die and feedblock

模具和分配器



Crusher

破碎机



All kinds of mirror rollers

各类镜面辊筒





实时工况
Real-time operating status

方案 1 免费体验版 (适用于有变频器的设备)
Programme 1 Free experience Edition(suitable for equipment with Inverter)

具备功能：
1. 可以监测主机实时电流及电流曲线。
2. 可以在手机上查看数据信息。
Function：
1. Monitor the current Electricity and Electricity curve
2. Monitor the data by the phone.

方案优点
1. 随时了解自己设备的开机情况。
2. 电流曲线记录，可以展示给最终客户，用于说明管材或型材制品生产状态稳定，质量可靠。

Program advantage:

1. Controlling equipment situation at any time.
2. Showing the Electricity curve to final customer, that is used to explain the stable production state and reliable quality of pipe or profile products.
3. Non-PLC system also can be installed in the production line.

方案 2 精优版 (仅适用于 PLC 系统设备)
Programme 2 excellent Edition (suitable for equipment with PLC control system)

具备功能
1. 可以监测主机电流。
2. 可以监测主机温度。
3. 可以监测主机电能。
4. 可以监测主机每吨物料能耗 (目前仅支持有米重控制的设备) 。
5. 可以在手机上查看数据信息。
Function:
1. Monitor the main Extruder Electricity.
2. Monitor the main Extruder Temperature .
3. Monitor the main Extruder Power.
4. Monitor the energy consumption per ton of material(now just support the meter weight control).
5. Monitor the data by the phone.

方案优点
1. 随时了解自己设备的开机情况。
2. 随时了解机器的能耗核算出开机成本。
3. 可向最终客户展示电流曲线、米重曲线等数据，用于说明管材或型材制品生产状态稳定，质量可靠。

Program advantage:
1. Controlling equipment situation at any time.
2. Monitor the energy consumption of material and calculating the cost of running machine.
3. Showing the Electricity curve , meter weight curve data and so on ,that is used to explain the stable production state and reliable quality of pipe or profile products.



作业情况统计
Working status statistics

方案 3 精细版 (适用于有 PLC 系统或工控机设备)
Programme 3 detail Edition(Suitable for PLC control system or Industrial control machine equipment)

具备功能：
1. 可以监测主机电流。
2. 可以监测主机温度。
3. 可以监测主机电能。
4. 可以监测主机每吨物料能耗 (目前仅支持有米重控制的设备) 。
5. 可以在手机上查看数据信息。
6. 可以记录并统计设备故障，部件更换等信息。
7. 可以连接 MES 系统。
8. 可以远程调试程序。

Function:
1. Monitor the main Extruder Electricity.
2. Monitor the main Extruder Temperature .
3. Monitor the main Extruder Power.
4. Monitor the energy consumption per ton of material(now just support the meter weight control).
5. Monitor the data by the phone.
6. Record and statistics equipment breakdown situation, parts replacement information and so on .
7. Connect EMS system
8. Remote adjustment and control program

方案优点
1. 随时了解自己设备的开机情况。
2. 随时了解机器的能耗核算出开机成本。
3. 记录电流的大小，展示给最终客户，用于说明管材或型材制品生产状态稳定，质量可靠。
4. 随时远程检查调试程序，在机器出问题的情况下用最短的时间检查出故障点，维修好设备，将大大降低设备因故障停机的时间，提高生产效率。
5. 连接企业生产系统，便于企业记录并分析相关数据，更好提升生产效率，降低设备故障率。

Program advantage:
1. Controlling equipment situation at any time. 2. Monitor the energy consumption of material and calculating the cost of running machine
3. Record electricity size, showing to the final customer ,that is used to explain the stable production state and reliable quality of pipe or profile products.
4. Remote adjustment and control program with any time. Once the machine has a problem, it will check out the fault point with shortest time and maintenance the equipment ,in order to greatly reduce the time of the equipment due to the machine breakdown and improve the production efficiency.
5. Connecting enterprise production system, it is convenient for enterprises to record and analyze relevant data, to improve production efficiency and reduce equipment breakdown rate.

Plastic Machinery Fully Integrated Automation + Internet Of Things Control System Solutions

基于 MES 系统平台，实现车间生产管理的信息沟通平台，并向智能化方向发展。

Based on the MES system platform, the information communication platform of workshop production management is realized and move toward the intelligent direction

① 研发生产融合 R&d and production integration

打通产品研发与生产的通路，实现研发与生产的信息、工艺、标准、指标值的深度融合
Work out the development and production of products, realize deep integration of development and production information, technology, standards and index

② 虚拟制造 Virtual manufacture

充分利用虚拟生产与验证平台，对车间生产、物流、质量、设备管理等资源充分验证
Make full use of the virtual production and verification platform to fully verify the workshop production, logistics, quality, equipment management and other resources

③ 智能装备&物联 Intelligent equipment & thing connection

推行智能化装备，实现多接口、多协议的设备物联，实时获取设备工况信息与参数，预测故障，提升连续性
Implement intelligent equipment, realize multi-interface and multi-protocol equipment thing connection, obtain the real time information and parameters of the equipment, predict faults and improve continuity

④ 计划排程 Planning schedule

料根据销售预测与订单诉求，平衡车间产能，合理安排生产，减少瓶颈问题，提高整体生产效率
According to sales forecast and order demands, balance workshop production capacity, arrange production properly, reduce bottleneck problems and improve overall production efficiency



⑥ 质量管控 Quality control

基于仪器物联，获取质量数据，精准预测质量趋势，有效控制质量缺陷，提升产品质量水平
Based on instrumentation, obtain quality data, accurately predict quality trends, control quality defects effectively, and improve product quality class.

⑦ 制造过程 Manufacturing process

利用技术手段，实现制造过程透明化，敏捷响应制造中的各类异常，保证生产有序执行。
Make use of technical means to realize the transparency of manufacturing process, and quick respond to all kinds of abnormal in the manufacturing process to ensure the orderly execution of production

⑧ EHS合规 EHS compliance

按照行业标准，构建EHS车间环境参数监测，为产品制造提供适宜的基础环境
According to the industry standard, build EHS workshop environment parameter monitoring, and provide the suitable base environment for product manufacturing

⑨ 协同与决策 Synergy and decision making

解决信息不对称，减少沟通成本，支撑协同制造，基于数据的生产决策，决策过程直观、合理
Solve information asymmetry, reduce communication cost, support collaborative manufacturing, make decision based on data, make the decision process intuitive and reasonable