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# JWELL MACHINERY



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金纬机械常州有限公司  
JWELL MACHINERY (CHANGZHOU) CO., LTD.



**金纬机械常州有限公司简介:**

金纬机械常州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。



曾是中国塑料机械行业的著名品牌。

公司产品已遍布全国各地,并出口到俄罗斯、印度、韩国、印尼、中东、非洲和南美洲、西班牙、意大利等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。

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JWELL MACHINERY (CHANGZHOU) 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!

JWELL and Jinhai Luo (金海螺) and DYUN are famous brands in Chinese plastic machinery industry.

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

President: He Haichao Email: he@jwell.cn





## 异向锥形双螺杆挤出机

Counter Conical Twin-screw Extruder

性能特点:

本本公司生产的SJZ各系列异向锥形双螺杆挤出机，主要用来生产加工PVC管材、型材、片板材、造粒制品，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。

Performance and advantage:

All kinds of SJZ 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.

主要技术参数 Main technical parameters

型号 Model	SJZ45/100	SJZ51/105	SJZ55/110	SJZ65/132	SJZ80/156	SJZ92/188	SJZ110/220
螺杆转速 rpm	36.6	39.7	40	37	39.8	37.1	40.1
电机功率 kw	15	18.5	22	37	55	110	160
生产能力 kg/h	60/80	80/120	100/150	180/220	300/400	600/800	1200/1400
中心高 mm	1050	1050	1050	1050	1050	1100	1150
净重 kg	2500	3000	3500	4000	5500	8000	12.5

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.



## HDPE单螺杆挤出机

HDPE Single Screw Extruder

性能特点:

采用新型屏障式螺杆，实现高转速，高挤出量，低能耗，并且在低温下能达到理想的混炼效果，严格控制剪切作用，以获得理想均匀的物料温度，避免了大口径的管材内壁产生涟漪纹的现象。

Performance and advantage:

By using the new type barrel screw design, this extruder has a high extrusion capacity in high RPM with the low energy consumption, and this extruder can gain a good mixing effect in the low temperature, and this extruder can control the material shearing to get the ideal and even melt temperature, so that the ripple mark in the inner wall of the big diameter pipe can be avoided.



38系列 主要技术参数 Technical data

型号 Model	螺杆直径(mm) Screw Diameter	长径比 L/D ratio	主电机功率(km) Main motro power	HDPE 挤出量(kg/h) HDPE extrusion capacity	中心高度 Center height
JWS60/40	65	40	90/110	360-450	1000~
JWS75/38	75	38	132/160	400-650	1000~
JWS90/38	90	38	250/280	800-1000	1150~
JWS120/x38	120	38	315/355	900-1200	1300~

33系列 主要技术参数 Technical data

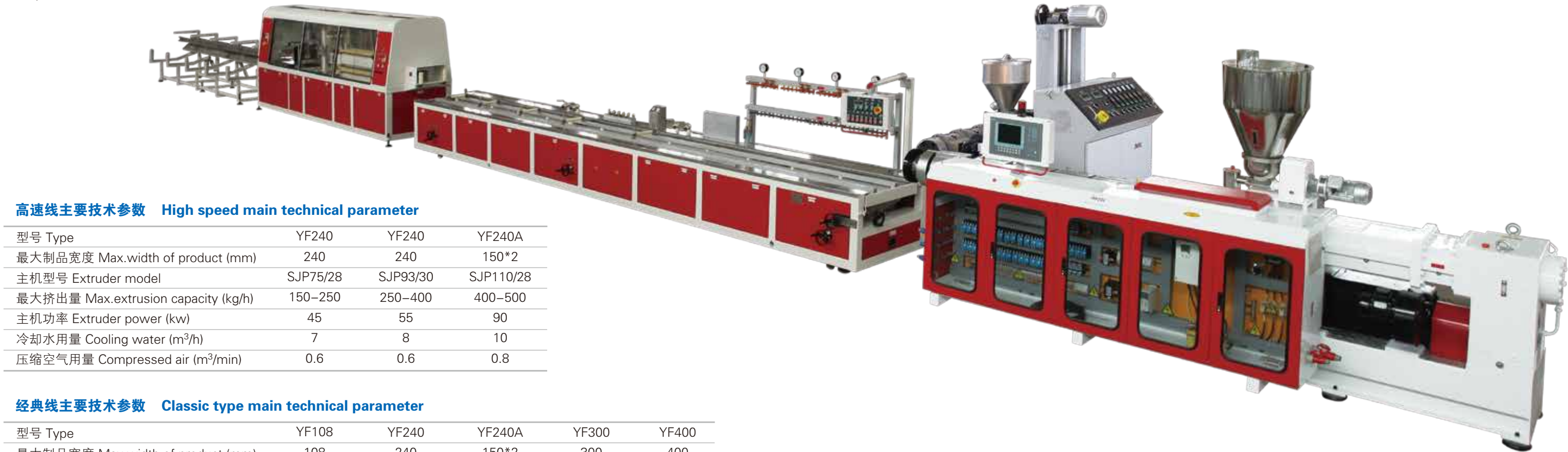
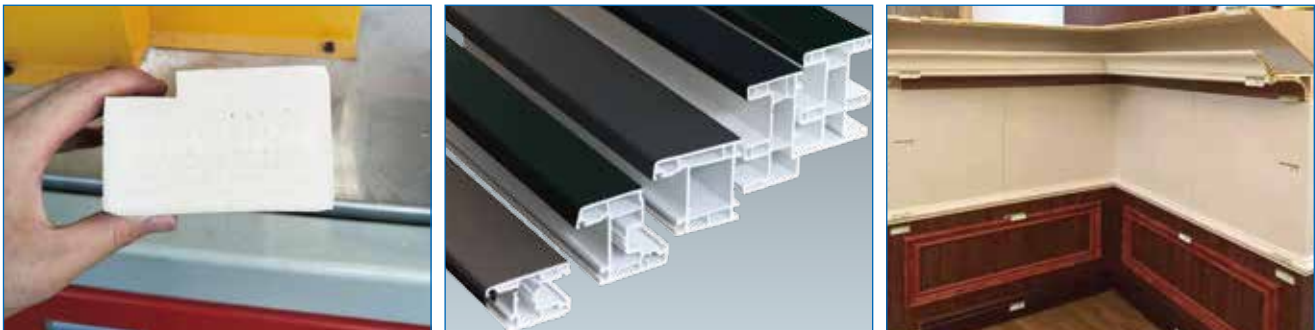
型号 Model	螺杆直径(mm) Screw Diameter	长径比 L/D ratio	主电机功率(km) Main motro power	HDPE 排出量(kg/h) HDPE extrusion capacity	中心高度 Center height
JWS45/33	45	33	18.5/22/30	50-80	1000~
JWS65/33	65	33	45/55/75/90	120-200	1000~
JWS75/33	75	33	75/90/110/132	200-350	1000~
JWS90/33	90	33	110/132/160/185/250	350-550	1150~
JWS120/33	120	33	220/280/315/355	700-900	1300~
JWS150/33	150	33	355/400	1000-1300	1300~

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.

经典线/高速线PVC异型材生产线  
Classic Type and High Speed PVC Profile Extrusion Line

**应用：**YF异型材生产线配用锥双挤出机和平双螺杆挤出机,可加工PVC塑料门窗异型材、钢塑复合异型材、装饰型材等。  
**性能和优点：**参照国外最新技术，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。

**Application:** YF series production line is designed for conical or parallel extrusion of PVC plastic window and door's, steel-plastic composit and decoration profile.  
**Properties and advantages:** This line features stable Plasticization, high output,low sheering 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 alternating-current inverter (ABB or Eurotherm drive), imported temperature controller (RKC,Japan). The calibration unit's pump and haul off unit's reducer are famous brand products. After simple changing of the die and screw, it also can produce the foam profiles.



高速线主要技术参数 High speed main technical parameter			
型号 Type	YF240	YF240	YF240A
最大制品宽度 Max.width of product (mm)	240	240	150*2
主机型号 Extruder model	SJP75/28	SJP93/30	SJP110/28
最大挤出量 Max.extrusion capacity (kg/h)	150-250	250-400	400-500
主机功率 Extruder power (kw)	45	55	90
冷却水用量 Cooling water (m³/h)	7	8	10
压缩空气用量 Compressed air (m³/min)	0.6	0.6	0.8

经典线主要技术参数 Classic type main technical parameter					
型号 Type	YF108	YF240	YF240A	YF300	YF400
最大制品宽度 Max.width of product (mm)	108	240	150*2	300	400
主机型号 Extruder model	SJZ55/110	SJZ65/132	SJZ65/132	SJZ65/132	SJZ80/156
最大挤出量 Max.extrusion capacity (kg/h)	110	180	180	180	320
主机功率 Extruder power (kw)	22	37	37	37	55
冷却水用量 Cooling water (m³/h)	7	8	8	8	10
压缩空气用量 Compressed air (m³/min)	0.6	0.6	0.8	0.6	0.6



PVC硬质/PVC木塑宽幅板材生产线  
PVC/PVC WPC Door Board Extrusion Line

性能特点:

该机组采用专门设计的SJZ92锥形双螺杆挤出机，采用直流调速拖动，进口品牌温控仪表，具有调速范围广，温控精度高，操作方便可靠等优点。辅机由真空定型台、牵引机、切割机及堆料架组成。配备大型强制冷却装置确保板材定型效果。履带式牵引机采用精密减速电机及变频器，具有结构合理、牵引力大，牵引稳定等优点。切割机具有工作可靠准确，切割精度高的优点，堆料架附有可移动的推料小车和特制的橡胶保护层，具有不伤料，使用简便等优点。辅机机组采用可编程电脑控制或国产名牌控制系统，整机控制可靠稳定。

Performanc and advantages:

The extruder of this extrusion line is the special designed SJZ92 conical twin-screw extruder, this extruder is equipped with the temperature controlling gauges which have the advantages of high precision temperature controlling, easy and reliable operation. The vacuum calibration table equipped with the strong cooling device which ensures the cooling effect. Caterpil-lar type haul off unit, equipped with the precise speed reduction motor and inverter, has the advantages of reasonable structure,powerful and stable haul off force. The cutter has the reliable and accurate cutting effect. The stacker has the movable stacking trolley and special made rubber protection layer to prevent the product from being scratched. The down-stream equipment of this extrusion line uses the programmable computer or domestic made controlling system for stable and reliable operation.



主要技术参数 Main technical parameter

型号 Type	YF800	YF1000	YF1250
最大制品宽度 Max. width of product (mm)	800	1000	1250
主机型号 Extruder type	SJZ 80/156	SJZ 92/188	SJZ 92/188
最大挤出量 Max. extrusion capacity (kg/h)	320	450	500
主机功率 Extruder power (kw)	55	110	110
冷却水用量 Cooling water (m³/h)	13	15	18
压缩空气用量 Compressed air (m³/min)	0.6	0.8	1

PVC结皮(木塑)发泡板材生产线  
PVC Skinning (WPC) Foaming Board Extrusion Line

PVC发泡板及木塑发泡板的应用/PVC foaming board and WPC foaming board application:

交通运输业 轮船、飞机、客车、火车车厢、顶蓬、厢体芯层、内部装潢用板。  
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。

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 emulational wooden product.



结皮（木塑）发泡生产线/Skinning（WPC）foam board extrusion line

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、表面硬度间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。

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 skinning 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.



主要技术参数 Main technical parameter

机型	共挤发泡板	结皮发泡板
Model	Co-extrusion foamed board extrusion line	Skinning foaming board extrusion line
制品宽度 Production width	1220~1560mm	1220~1560mm
制品厚度 Production thickness	5~20mm/20~35mm	5~20mm /20~35mm
挤出机规格 Extruder model	SJZ65/132、SJZ80/156	SJZ80/156
最大挤出产量 Capacity (Max.)	400~550kg/h	300~400Kg/h
主电机功率 Main motor power	37kw/75kw	75kw



# PVC+ASA&PMMA合成树脂瓦生产线

## PVC+ASA & PMMA Synthetic Resin Clay Tile Extrusion Line

PVC+ASA/PMMA合成树脂瓦，是运用高新化学化工技术研制而成的新型建筑材料，具有多种优良特性，普遍适用于楼房平改坡、农贸市场、商场、住宅小区、新农村建设居民高档别墅、雨篷、遮阳篷、仿古建筑等。

Synthetic resin tile is a new type construction material developed from High-tech Chemistry and Chemical Technology. It has more Excellent characteristics using for building roof , markets, housing,villa,awning, sun-shading and antique construct.

- 1、重量轻、强度大、色彩持久。 Light weight , high strength, colour protracted.
- 2、自清洁性能优，卓越的防水性能。 Good self-purification ability,excellent waterproof performance.
- 3、耐火性强，绝缘性能好，保温隔热性能优。 Good fire resistance, insulating property.and excellent thermal insulation performance.
- 4、卓越的抗负载，抗冲击，优异的耐腐蚀性、耐低温性能好、隔音效果好。 Excellent property in burden , shock resistance and corrosion resistant. Good low temperature resistance And noiseproof performance.
- 5、安装快捷，绿色环保，铺装效率更高、更节省成本。可回收利用，完全符合绿色环保要求。 Quick installation and green.High Pavement efficient and more cost saving. Recuperability and green.



### 主要技术参数 Main technical parameter

机型 Model	SJZ80/156-JWS50/30- 1500
适合原料 Suitable material	PVC+ASA/PMMA
制品宽度 Prodcuts width	1200mm
制品厚度 Prodcuts thickness	0.8~3mm
挤出机规格 Extruder model	SJZ80/156+JWS50/30



PVC多层隔热瓦楞板、PC波浪板挤出生产线  
PVC Multi Layer Heat Insulation Corrugated Board & PC Step-Roofing Extrusion Line

PVC多层瓦楞板与PC波浪板的特点与应用：

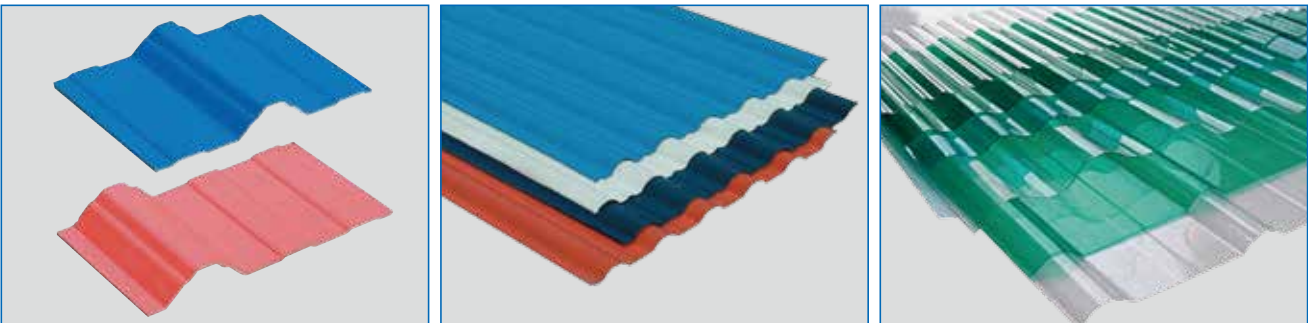
防火性能卓越，属难燃材料，无自燃性，抗化学腐蚀、耐酸、碱，散热快，采光性能极佳，寿命长；  
采用特殊技术配方，耐室外大气暴晒，隔热性能好，炎热夏季中能提供较金属用瓦更舒适的环境；  
适用范围广，厂房、仓库、车棚、农贸市场、围板、墙身、临时商铺、隔热棚等非常适用。

PVC multi layer heat insulation corrugated board and PC step-roofing feature and application:

The fire protection performance is remarkable, difficult to burn. Anti-corossion, Acidproof, alkali, radiates quickly, high light-ing, logn life-span.

Adopt special technology, Bears the outdoor atmospheric insolation, 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.



主要技术参数 Main technical parameter

挤出机规格 Extruder specification	SJZ65/132 , 2 × SJZ50/105	SJZ80/156, JWS50/30
主电机驱动 Main motor power	37kw, 2 × 18.5kw	55kw, 22kw
制品宽度 Products width	1140mm	1050mm
最大挤出产量 Capacity ( Max. )	180kg/h~120kg/h	350kg/h~50kg/h



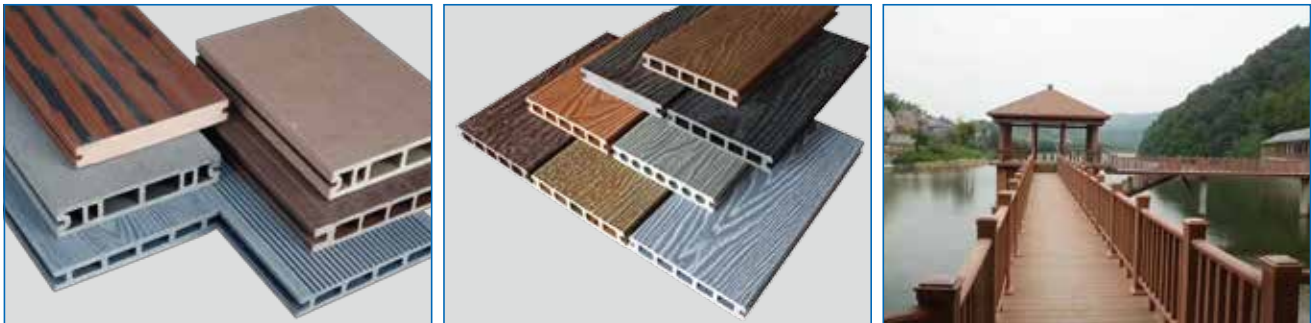
PE、PP木塑挤出生产线  
PE, PP WPC Extrusion Line

性能特点:

采用特殊设计的螺杆机筒、模具及挤出机加工工艺生产木塑产品。公司产品系列：木塑一步法厚板设备；木塑一步法异型材设备；木塑一步法装饰材设备；木塑造粒设备；各种木塑模具。  
挤出机单机两级混合直接挤出，也可造粒后两步法挤出，省电省空间，具有产量高，挤出压力稳定，塑化混炼效果好等特点。  
优化的螺杆设计塑化稳定，不易剪断木质纤维，能使物料在机内停留时间均匀。  
该生产线能生产PE、PP或PVC木塑异型材制品，主要用于托盘，包装箱板，地板，户外装饰材料等，用途十分广泛。

WPC extrusion line:

It adopts special design of screw & barrel, mould and extruder for wood plastic products.Jwell company products series:One step way thick board extrusion line,One step way WPC profile extrusion line; WPC pelletizing extrusion line and different kinds of WPC mould.  
The WPC products can be produced by two step extrusion machine, or pelletizing first then through extrusion machine, it will save power and place,it has some feature: high output,stable extrusion pressure,high plastication, and good mixing. Opti-mized screw design have small cutting strength, and it is not easy to cut wood fibre, the material will be uniformly staying in the extruder.  
This extrusion line can produce PE,PP or PVC WPC profile products,Main application is for wood tray, indoors&outdoors floor, outside decoration, etc.



主要技术参数 Main technical parameter

主机型号 Model	SJZ65	SJZ72	SJZ80
螺杆规格 mm	65/132	72/152	80/162
主电机功率 Power of main motor(kw)	37	45	75
生产能力 Output(kg/h)	180~220	220~300	300~400

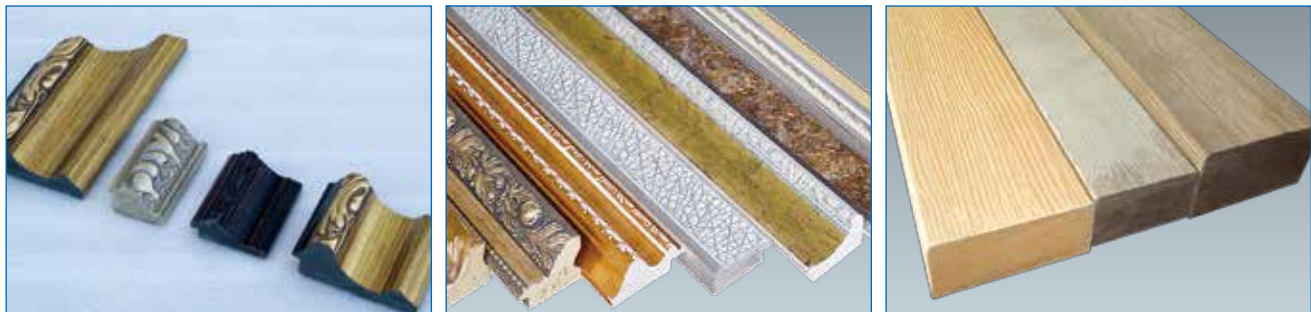


## PS 塑料发泡镜框型材生产线

### PS Foamed Picture Frame Extrusion Line

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，整条生产线配有进口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最新的配套辅机。

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.



主要技术参数 Main technical parameter

型号 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



大口径HDPE供水管、燃气管挤出生产线  
Large Diameter HDPE Water Supply and Gas Supply Pipe Extrusion Line

主要技术参数 Main technical parameter

生产线型号/Type	管材规格	挤出机	主电机功率	最大挤出量
Type	Diameter(mm)	Extruder	Main motro power(kw)	Capacity(kg/h)
JWPEG-800	Φ450~Φ800	JWS120/38	315	800~900
JWPEG-1000	Φ630~Φ1000	JWS120/38	355	900~1200
JWPEG-1200	Φ800~Φ1200	JWS90/38 JWS120/38	280/355	1000~1500
JWPEG-1600	Φ1000~Φ1600	JWS120/38	355	900~1200



大口径 HDPE/MDPE 供水管及燃气管生产线：  
Large Diameter HDPE/MDPE Water Supply and Gas Supply Pipe Extrusion Line

**性能和优点：**金纬公司自行研制开发的HDPE/MDPE供水管及燃气管生产线其结构独特，自动化程度高，操作方便、连续生产稳定可靠。该生产线生产的管道具有适度的刚性、强度、又具有良好的柔性、耐蠕变性、耐环境应力开裂性和良好的热熔接性能，已成为城市燃气输送管道和室外给水管的首选产品。

**Properties:**The Large Diameter HDPE/MDPE Pipe Extrusion Line research & developed by Jwell Machinery Co., features of unique structure, easily control, highly automation and stable performance. Pipes produced by this machine has the moderate rigidity, strength, as well as good flexibility, anti-rot, anti-stress split, and favorable hot melting, make this large diameter pipe considered as the prefer product for water and gas transportation system in cities.

大口径 HDPE 二层、三层双抗管挤出生产线：  
Large Diameter HDPE 2-layer, 3-layer Anti-flammable And Anti Static Electricity Pipe Extrusion Line

**性能和优点：**金纬公司最新研制的二层或三层螺旋模具用于双抗管材挤出，共挤层壁厚均匀，内层和外层采用双抗料（阻燃、防静电），芯层采用普通HDPE，大大减少双抗料的使用量，从而降低双抗管的成本。

**Properties:**The modern developed 2-layer or 3-layer spiral mould is specially for double-anti pipe extrusion. This pipe owns even and equal co-extrusion wall thickness, the inner and outer wall made of double-anti material (Anti-flammable, anti static electricity), the core layer of HDPE wall, reasonably reduce the costs of double-anti material, accordingly reduced the costs of the whole product.





保温管生产线  
PE insulation pipe extrusion line

**应用领域：**PE保温管也叫PE外护管，夹克管，套袖管。直埋聚氨酯保温管是由高密度聚乙烯外保护层、聚氨酯硬质泡沫塑保温材料 and 钢管组成。保温层材料为密度60kg/m3至80kg/m3的硬质聚氨酯泡沫，充分添满钢管与套管之间的间隙，并具有一定的粘接强度，使钢管、外套管及保温层三者之间形成一个牢固的整体。聚氨酯直埋保温管泡沫具有良好的机械性能和绝热性能，通常情况下可耐高温120℃通过改性或其它隔热材料组合可耐高温180℃，适用于各种冷、热水高低温管道的保温工程。

**性能与特点：**金纬公司自主研发新型PE保温管生产线，采用金海螺独有保温管螺杆技术，挤出稳定。结合多年的PE挤出经验，设计符合PE保温管模具，模具压力稳定。整线相比传统吹气式产量大幅度提高，表面更加光亮，操作自动化程度高。



主要技术参数 Main technical parameter

型号	生产范围	主机	设备外形LxWxH(m)	主电机功率Main motro power(kw)
JWGB630	200~630	JWS-75/38	30mmx3mx4m	160+185
		JWS-90/33		
JWGB1000	315~960	JWS-90/38	34mx3mx4m	250+185
		JWS-90/33		
JWGB1400	760~1380	JWS-120/38	40mx3.5mx4.3m	355+280
		JWS-120/33		
JWGB1700	1054~1680	JWS-120/38	40mx3.5mx4.3m	355+355
		JWS-150/33		
JWGB2000	1054~1960	JWS-120/38	49mx4.5mx5m	355+400
		JWS-150/33		





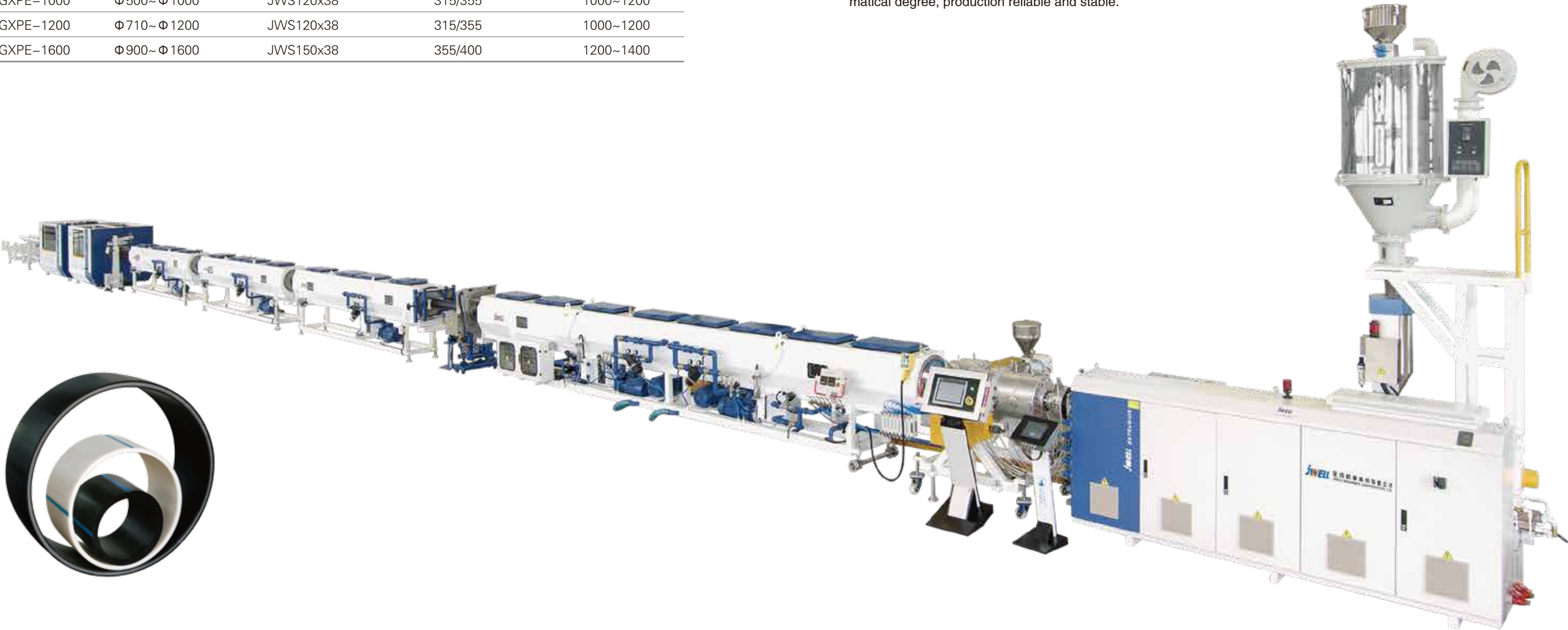
节能高速机-管材挤出生产线：HDPE燃气管、供水管  
Energy-Saving and High Speed Extrusion line for HDPE water pipe/gas pipe

主要技术参数 Main technical parameter

生产线型号 Type	管材规格 Diameter(mm)	配套节能挤出机 Extruder	实际最大挤出量 Capacity(kg/h)	总装机功率 Power(kW)
JWGXPE-75	Φ20~Φ75	JWS60x40	90/110	350~450
JWGXPE-250	Φ50~Φ250	JWS75x38	132/160	450~650
JWGXPE-450	Φ160~Φ450	JWS90x38	250/280	800~1000
JWGXPE-630	Φ315~Φ630	JWS120x38	315/355	1000~1200
JWGXPE-800	Φ450~Φ800	JWS120x38	315/355	1000~1200
JWGXPE-1000	Φ500~Φ1000	JWS120x38	315/355	1000~1200
JWGXPE-1200	Φ710~Φ1200	JWS120x38	315/355	1000~1200
JWGXPE-1600	Φ900~Φ1600	JWS150x38	355/400	1200~1400

**性能和优点：**该生产线是我公司采用欧洲先进技术，新研制开发的节能高速生产线，适用于HDPE、PP等聚烯烃类管材的高速挤出。与普通生产线相比，其节能效果达到35%左右，其生产效率增加了1倍多，不但可以节省了场地及人力成本，还提高了效率。该生产线外形美观，自动化程度高，生产稳定可靠。

**Properties:**This production line adopts the most advanced technology of Europe,It is a new research achievement of energy-saving production line,which is suitable for high speed extrusion of HDPE,PP and other polyolefin pipe.compared with common production line,the energy-saving effect reach on 35%,and the product efficiency increase more than 1 times, thus it is not only saving the cost of site and manpower, but also improving efficiency. This production line has nice appearance,higher auto-matical degree, production reliable and stable.



经典型-管材挤出生产线：HDPE管、PP/MPP管等

Classic Type Pipe Extrusion Line For HDPE Pipe, PP/MPP Pipe and So On

**性能和优点：**该生产线被广泛应用于HDPE供水管、燃气管、煤矿双抗管及非开挖管材领域。该生产线是我公司采用欧洲先进技术，经消化吸收，成功研制开发的新型管材生产线，适用于HDPE、PP等聚烯烃类管材的高速挤出。该生产线外形美观，自动化程度高，生产稳定可靠。

**Properties:**Our company using the development HDPE,PP pipes extrusion technology develops this kind of extrusion line. This line features compact structure, highly automation and stable performance. This line is widely used in producing HDPE water, gas supply pipe, double-anti pipe for mine industries.

主要技术参数 Main technical parameter

型号Type	管材规格 Diameter(mm)	挤出机Extruder	主电机功率Main motro power(kw)	最大挤出量 Capacity(kg/h)
JWPEG-63	Φ20~Φ63	JWS65/33	45/55/75/90	120~200
JWPEG-110	Φ20~Φ110	JWS65/33	45/55/75/90	120~200
JWPEG-160	Φ63~Φ160	JWS65/33	45/55/75/90	120~200
JWPEG-250	Φ75~Φ250	JWS75/33	75/90/110/132	200~350
JWPEG-315	Φ90~Φ315	JWS75/33	75/90/110/132	200~350
JWPEG-450	Φ160~Φ450	JWS90/33	110/132/160/185/250	350~550
JWPEG-630	Φ315~Φ630	JWS120/33	355/400	1000~1300





PP-RCT\PPR\PE-RT\PEX\PA单层及多层小口径管材生产线  
PP-RCT\PPR\PE-RT\PEX\PA Single Or Muti-layer Small Diameter Pipe  
Production Line

**应用领域:** 该生产线被广泛应用于住宅、商场、医院、体育场及乡村等供水、辐射地暖用的管材生产领域。

**性能优点:** 该生产线为金纬公司自行研制，消化吸收了欧洲先进技术，结构独特，配置先进，自动化程度高，操作简便。挤出机螺杆采用BM高效型，产量高，塑化好，稳定可靠。

**Application field:** This line is widely used in house mart hospital palaestra and country water supply and pipe for the radiate warm field.

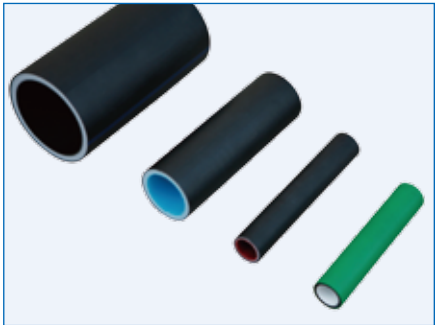
**Performance excellence:** This production line is Jwell self-manufactured, which adopt Europe advanced technology with the feature of unique structure, high configuration, highly automation, easy operation. extruder adopt BM high efficiency, well plastify, stabilization and reliable.



主要技术参数 Main technical parameter

生产线型号 Type	生产管材规格 Pipe spec (mm)	挤出机 Extruder	主电机功率 Main motro power(kw)	最大挤出量 Capacity(kg/h)
JWS-PPR-63 (单single)	Ø20 ~ Ø63	JWS65/33	45/55/75/90	120~200
JWS-PPR-63 (双double)	Ø20 ~ Ø63	JWS65/33	45/55/75/90	120~200
JWS-PERT-32 (低速 low speed)	Ø16 ~ Ø32	JWS65/33	45/55/75/90	120~200
JWS-PERT-32 (高速 high speed)	Ø16 ~ Ø32	JWS65/33	45/55/75/90	120~200
JWS-PERT-32 (双double)	Ø16 ~ Ø32	JWS65/33	45/55/75/90	120~200
JWS-PE/PERT-63 (双double)	Ø20 ~ Ø63	JWS65/33	45/55/75/90	120~200

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.



# UPVC供排水及CPVC电力管材挤出生产线

## UPVC Water supply & drainage Pipe and CPVC Electric Protection Pipe Extrusion Line

**性能特点:**  
该生产线采用特殊的螺杆与模具设计，使物料成型容易，塑化均匀，生产速度快，运行稳定，控制操作方便。

**Performance and advantage:**  
This production line adopts special screw and mould design to make the material form easily with uniform plasticizing, high production speed, stable running and easy operation.



主要技术参数 Main technical parameter

生产线型号 Type	生产管材规格 Pipe spec (mm)	挤出机 Extruder	最大挤出量 Max.output (kg/h)	总装机功率 Total power (kw)
JWG-PVC160	Ø63 ~ Ø160	SJZ65/132	37	180 ~ 220
JWG-PVC250	Ø75 ~ Ø250	SJZ65/132	37	180 ~ 220
JWG-PVC315	Ø200 ~ Ø315	SJZ80/156	55	300 ~ 400
JWG-PVC450	Ø200 ~ Ø450	SJZ80/173	75	450 ~ 500
JWG-PVC630	Ø315 ~ Ø630	SJZ92/188	110	600~800
JWG-PVC800	Ø400 ~ Ø800	SJZ110/220	160	800~1400
JWG-PVC1000	Ø500 ~ Ø1000	SJZ110/220 SJZ135/31	460/160	1150 ~ 1300
JWG-PVC1200	Ø800 ~ Ø1200	SJZ110/220 SJZ135/31	550/160	1150 ~ 1300



木塑造粒设备  
WPC Pelletizing Machine

**性能特点:**  
该机组是由平行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、PE类原料添加木粉或填充料的造粒。辅机采用风送集料，冷却，具有自动化程度高，生产效率佳等特点。

**Performance and advantage:**  
This pelletizing machine is composed by a parallel twin-screw extruder and the correspondingly pelletizing downstream equipment. It is suitable for the pelletizing of PVC, PE raw material with wood powder or other additives. The pelletizing downstream equipment adopts air transferring unit and cooling unit. This pelletizing downstream equipment has the features of high automation and good production efficiency.



主要技术参数 Main technical parameter

主机型号 Type	螺杆规格 Screw(mm)	主电机功率 Main motor power(kw)	最大生产能力 Max output(kg/h)
JWM65	62.4	75~90	200~300
JWM75	71	110~160	400~600
JWM95	93	160~250	800~1200

## PVC异向锥双螺杆造粒挤出生产线

PVC Counter Conical Twin-screw Pelletizing Extrusion Line

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 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.

### 主要技术参数 Main technical parameters

主机型号	螺杆规格	主电机功率	生产能力
Model	mm	Power of main motor(kw)	Output(kg/h)
SJZ65	65/132	37	180~220
SJZ80	80/156	55	300~500
SJZ92	92/188	110	600~800
SJZ110	110/220	160	800~1400

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.

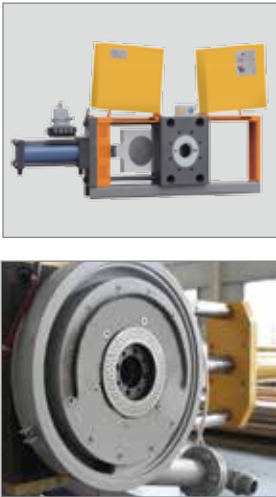




JWL系列单螺杆造粒机组  
JWL Series Single Screw Pelletizing Machine

采用特殊的螺杆设计及不同配置，适用于PP、PE、PS、ABS、PC等多种塑料的再生造粒。减速箱采用高扭矩的设计，实现了低噪音及运转平稳等性能。螺杆、机筒经过特殊的表面处理，具有耐磨，混炼效果好，产量高的特性。真空排气或自然排气口的设计，能在生产过程中将水分、废气排除，使出料更稳定，粒子更密实，保证了产品的优良品质。

This pelletizing machine has special screw design and different configuration, it is suitable for the recycling of PP, PE, PS, ABS, PC, etc. The gearbox is high torque designed which attains the functions of low noise and stable operation. The surface of the screw and barrel have been special treated so that the screw and barrel are wearable, they have very good plasticization and mixing efficiency and the production capacity is high. The extruder has the vacuum vented design which can exhaust the vapor or gas during the production, so that the output are more stable and the pellets are more uniform.



主要技术参数 Main technical parameters

型号	螺杆直径	长径比	螺杆转速	主电机功率	生产能力
Model	Screw dia.(mm)	L/D	Screw speed(rpm)	Power of main motor(kw)	Output(kg/h)
JWL45	45	25~35	20~100	11~15	30~50
JWL65	65	25~35	20~100	30~37	60~120
JWL90	90	25~35	20~90	45~55	180~200
JWL120	120	25~35	20~75	75~110	250~350

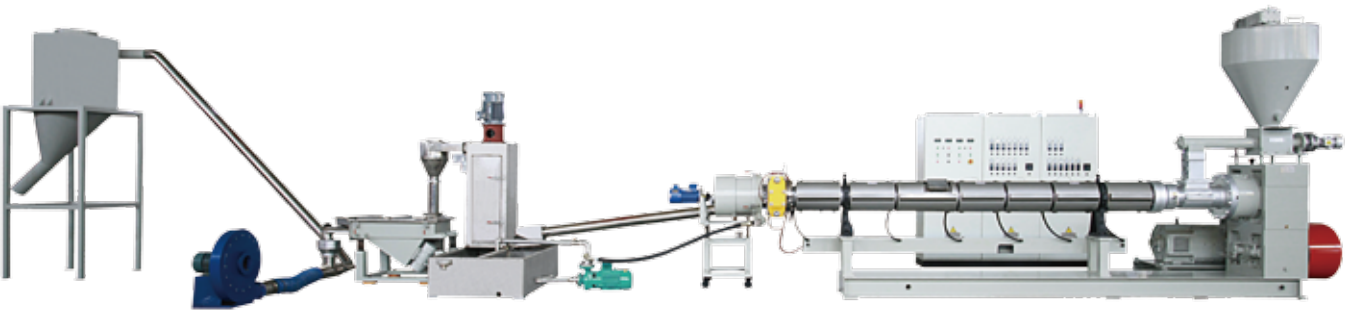
备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.



主要技术参数 Main technical parameters

型号	螺杆直径	长径比	螺杆转速	主电机功率	生产能力
Model	Screw dia.(mm)	L/D	Screw speed(rpm)	Power of main motor(kw)	Output(kg/h)
JWL150	150	25~35	20~75	110~160	350~500
JWL160	160	25~35	20~70	132~185	400~550
JWL180	180	25~35	20~70	200~250	600~800
JWL200	200	25~35	20~60	250~315	800~1100

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.



木塑制品表面加工设备  
Surface Process Equipments for WPC Products

砂光机  
Sander

此机床使用于定厚砂光,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.

门板转印机  
Transfer printing machine for door

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.

木塑压花机  
WPC embossing machine

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 of 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.

门板雕刻机  
Carving machine for door

此机器主要使用于木塑门板,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.



型材、管材线下游设备  
Downstream Parts for Profile pipe line

型材、管材破碎机  
Profile Pipe Crusher

**Properties:** DYPS-G series heavy pipe crusher can crush middle diameter pipe directly without shredding in advance. This series crusher inlet is specially designed for plastic pipe, the pipe and the crusher rotor form a certain angle to reach the best crushing effect, crushed pipes and profiles up to 6 meters in length. The crusher chamber is designed with third fixed knife, which can change the required crushing material first cutting points. This kind construction can reduce the impact force for high strength and large volume of material and avoid the possibility of blocking material.



主要技术参数 Technical data

型号 Model	投料口尺寸(mm) Feed inlet	主电机功率(kw) Power of main motor	转刀数量(件) Rotors	定刀数量(件) Stators	转子旋转直径 Rotor	参考生产能力(kg/h) Output
DYPS-G 700	500 × 500	22~37	6	4	Φ500	400
DYPS-G 800	600 × 600	55~75	6/10	6	Φ600	600
DYPS-G 1000	700 × 700	75~132	10/14	6	Φ700	800
DYPS-G 1200	800 × 800	110~160	14/18	6	Φ800	1000

型材、管材撕碎和破碎机组  
Profile Pipe Crusher and Shredder Unit

**Properties:** DYSSG shredder is able to shred the PE, PP, PVC pipe with dia.1200mm, the length of 3-6m pipe can be shredded directly without cutting, and the rotary speed is slow and stable. Variety of pipes is put into the flat feeding tank, and the tanks closed automatically, and push the pipe by hydraulic into the center axis for shredding. The material after crushing is transported by conveyor belt for secondary crushing in order to get the requested granule. DYSSG shredder has the main advantage of energy saving safe and efficient, and the system is controlled by PLC center control system.



主要技术参数 Technical data

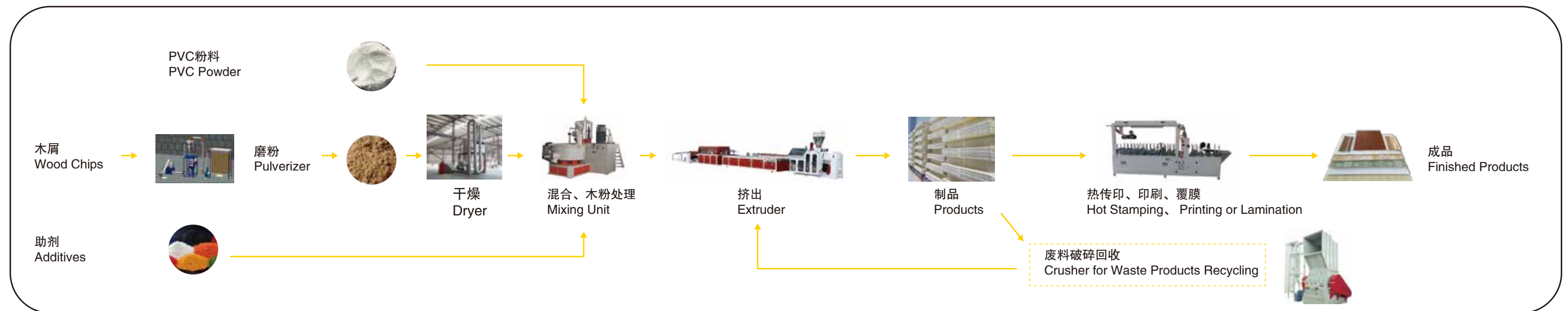
型号 Model	动刀回转直径(mm) Rotor blade swing diameter	转速(rpm) Rotor speed	驱动功率(kw) Drive power	撕碎管材 最大口径(mm) Max.shredable pipe	推料器功率(kw) Mechanical pusher power	产量 Output (kg/h)
DYSSG-630	Φ848	39	2 × 30	630	11	800~1000
DYSSG-800	Φ1028	33	2 × 37	800	11	1000~1200
DYSSG-1000	Φ1258	27	2 × 45	1000	15	1200~1500
DYSSG-1200	Φ1478	23	2 × 55	1200	15	1500~2000



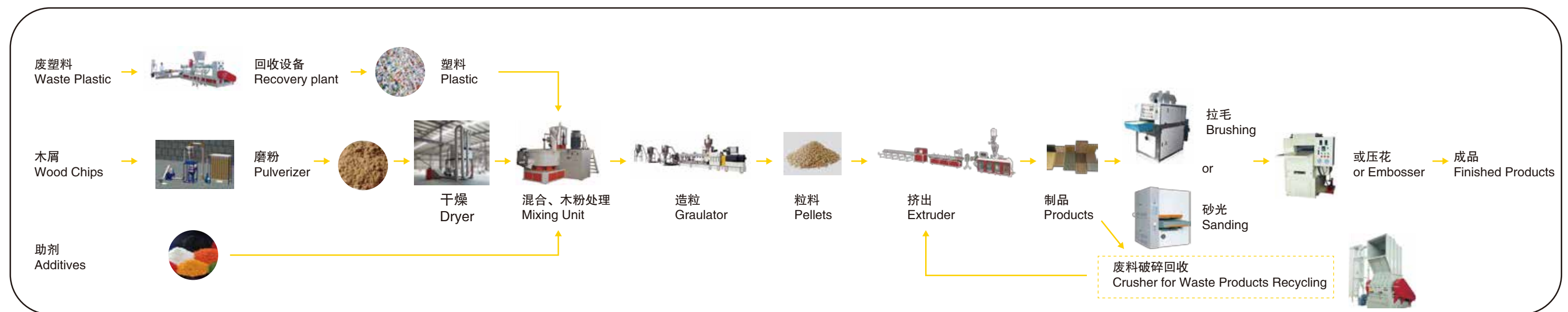
## 工艺流程

Flow Chat of WPC Production

### 1、室内产品（PVC发泡） Indoor Products 木塑工艺流程图 Flow Chat of PVC WPC process



### 2、室外产品（PE、PP、PS） Outdoor Products 木塑两步法流程图 Flow Chat of PE/PP WPC Two-step Line



## 相关产品产品链接

Linkage of Relating Auxiliary Equipment



共挤机  
Co-extruder



自动换网器和液压站  
Hydraulic screen changer



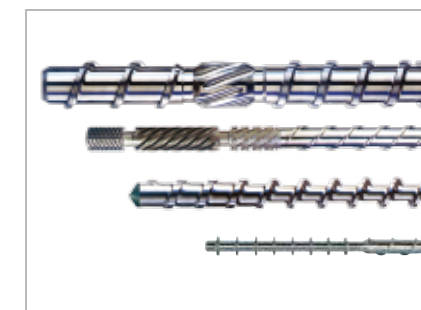
800/2500 的卧式混料机  
Mixer



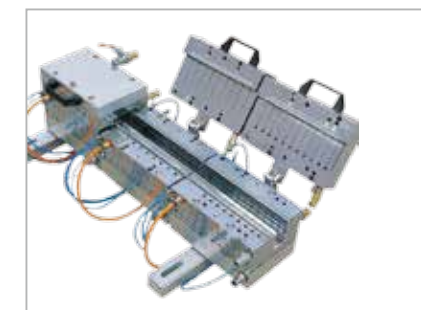
破碎机  
Crusher



挤出机  
Extruder



螺杆、机筒  
Screw and barrel



各类木塑型材模具  
All kinds of profile tooling



模具和分配器  
T-die and feedblock



各类镜面辊筒  
All kinds of mirror rollers



## 挤出机械物联网+智能制造解决方案



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。  
3.非PLC系统的生产线同样可以安装。  
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

### ⑤ 智能物流 Intelligent logistics

物流软硬件综合应用的智能物流提醒，减少物流瓶颈，提高物流配送精准率，减少停工待料  
Logistics software and hardware integrated application of intelligent logistics to remind, reduce logistics bottleneck, improve logistics delivery precision rate, reduce shutdown stop

### 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





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

