



PIPE EXTRUSION MACHINERY



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滁州金纬机械有限公司
CHUZHOU JWELL MACHINERY CO., LTD.



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+ 生产基地 Manufacture Bases
500+ 注册专利 Registered 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 JINHAILUO 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

2025

连续15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 15 consecutive years

We Know
Extrusion

CHUZHOU JWELL MACHINERY

滁州金纬是上海金纬公司的又一重要发展战略中心，其坐落于安徽省滁州市铜陵路与杭州路交叉路西侧，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公司参观、指导、合作、我们愿为您提供强有力的支持。



公司产品已遍布全国各地，并出口到印度、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 Chuzhou is another development strategy center of Shanghai JWELL Machinery Co., Ltd, located at 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 Jinhailuo are famous brands in Chinese plastic machinery industry.

Company products all over the world, as well as India, South Korea, Indonesia, the Middle East, North and Latin Americas, Spain, Italy etc., more than 100 countries and regions, praised by users.

"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"

President: He Haichao

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小口径PE/PPR/PE-RT/PA单管、双管高速挤出生产线

Small-caliber PE/PPR/PE-RT/PA Single-pipe, Dual-pipe High-speed Extrusion Production Line

Performance & Advantages: The main screw adopts BM high-efficiency type, and the output is fast and plasticized well. The wall thickness of pipe products is precisely controlled and very less waste of raw materials. Tubular extrusion special mold, water film high-speed sizing sleeve, equipped with integrated flow control valve with scale. Servo-controlled high-speed double-belt haul off unit, supporting high-speed chipless cutter and winder, adapt to high-speed production operation. Dual pipe extrusion line can double the output and occupy less factory space.

性能和优点：该生产线挤出主机螺杆采用BM高效型斜屏障，产量高、速度快、塑化好。挤出稳定，能保证管材的壁厚控制在精准公差范围之内，同时也能够减少原料浪费。
小管挤出专用模具，水膜式高速定径套，配备集成带刻度流量调节阀。小管成型快，速度高。
伺服控制高速双皮带牵引机，配套高速无屑切割机或者高速收卷机，适应高速生产运行。
双管挤出生产线彻底解决了小管生产中的产量限制，生产线能够成倍的提高产量，占用场地面积和用人数量也大大减少。

主要技术参数 Main Technical Parameters

生产线型号 Type	生产管材规格 Pipe Spec (mm)	挤出机型号 Extruder	主电机功率 Main Power(kw)	生产挤出量 Output (kg/h)
PE/PERT 75	Ø20 ~ Ø75	JWS-H 60/40	110	380 ~ 420
			90	350 ~ 400
		JWS 65/33G	75	200 ~ 240
PPR 75	Ø20 ~ Ø75	JWS 75/33G	110	300 ~ 340
		JWS 65/33G	90	280 ~ 320
			75	160 ~ 195
PE/PERT 32	Ø16 ~ Ø32	JWS-H 60/40	110	380 ~ 420
			90	350 ~ 400



高速节能型HDPE实壁管挤出生产线

High-speed Energy-saving HDPE Solid Wall Pipe Extrusion Line

Performance & Advantages: Our company's latest research and development of energy-saving high-speed production line, suitable for high-speed polyolefin pipe extrusion. 35% energy saving and 1x increase in production efficiency.

Specifically designed 38-40 L/D screw structure and the feeding slot barrel make the melt extrusion and plasticizing effects greatly improved. High-torque, high-strength gearboxes ensure stable operation of the equipment.

Extrusion molds and sizing sleeves adopt the most advanced design structure. The PLC variable frequency control vacuum tank, servo-driven multi-track tractor, and high-speed chipless cutter are equipped with a meter weight control system. The pipe extrusion weight is more accurate.

性能和优点： 我公司新研发推出的节能高速生产线，适用于聚烯烃类管材的高速挤出。节能35%，生产效率增加1 倍。

38-40D的长径比特殊设计的螺杆结构和喂料槽机筒，使得熔体挤出量和塑化效果都大幅度提高。采用高扭矩、高强度齿轮箱，设备运行稳定。

挤出模头、定径套都采用先进的设计结构，配合PLC变频控制的真空冷却箱，伺服驱动的多履带牵引机、高速无屑切割机，再加上精准的管材米重控制系统，生产线运作高度可靠、节能高效、噪音小，是当前高性能管材挤出设备的典范。

主要技术参数 Main Technical Parameters

生产线型号	生产管材规格	挤出机型号	主电机功率	生产挤出量	外形尺寸
Model	Pipe Spec (mm)	Extruder	Main Power(kw)	Output (kg/h)	Dimension (m)
JWPEG-H63	Ø16-Ø63	JWS-H 60/40	90	350	48×3×3.5
JWPEG-H110	Ø20-Ø110	JWS-H 60/40	110	450	50×3×4.4
JWPEG-H160	Ø50-Ø160	JWS-H 75/38	132	500	51.5×3.5×4.4
JWPEG-H250	Ø75-Ø250	JWS-H 75/38	132	550	56.5×3.6×4.7
JWPEG-H315	Ø110-Ø315	JWS-H 75/38	160	650	56.5×3.6×4.7
JWPEG-H450	Ø160-Ø450	JWS-H 90/38	250	950	60×5.2×5.2
JWPEG-H630	Ø315-Ø630	JWS-H 90/38	280	1050	61.5×5.5×5.2

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.



大口径HDPE实壁管挤出生产线

Large Diameter HDPE Solid Wall Pipe Extrusion Production Line

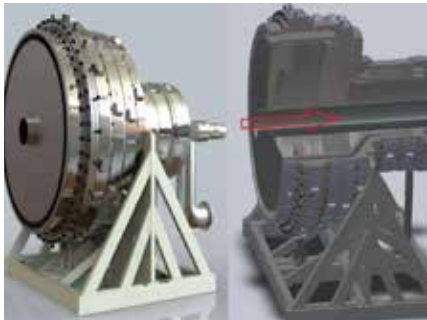
Performance & Advantages: Extruder is JWS-H series High efficiency, high output single screw extruder. The special screw barrel structure design ensures ideal melt uniformity at lower solution temperatures. Designed for large-diameter pipe extrusion, the spiral distribution structure mold is equipped with an in-mold suction pipe internal cooling system. Combined with a special low-sag material, it can produce ultra-thick-walled, large-diameter pipes. Hydraulic opening and closing two-stage vacuum tank, computerized centralized control and coordination of multiple crawler tractors, chipless cutter and all units, a high degree of automation. The optional wire rope tractor can make the initial operation of the large-caliber tube more convenient.

性能和优点：挤出主机为JWS-H系列高效率、大产量的单螺杆挤出机。特殊的螺杆料筒结构设计，在较低的溶体温度下能够保证理想的熔体均匀度。专为大口径管材挤出设计的螺旋分配结构模头，配有模内抽气的管道内冷系统，配合专用的低熔垂PE100原料，能生产超厚壁、超大口径实壁管。两段式液压开合移动真空定型箱和独立控制的多履带牵引机、无屑切割机，由电脑集中控制协调各个机组，自动化程度高，连续生产稳定。可选配钢丝绳牵引装置，使大口径管的每次初始开机启动操作更为方便。

主要技术参数 Main Technical Parameters

生产线型号	生产管材规格	挤出机型号	主电机功率	生产挤出量
Model	Pipe Spec (mm)	Extruder	Main Power(kw)	Output (kg/h)
JWG-800	400-800	JWS 90/42	315	1100-1200
JWG-1000	450-1000	JWS 120/38	355	1200-1400
JWG-1200	630-1200	JWS 120 /38	400	1500-1600
JWG-1600	800-1600	JWS 90/42+ JWS90/42	315*2	2000-2200
JWG-3000	2000-3000	JWS 120/38+JWS120/38	400*2	2600-2800

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.



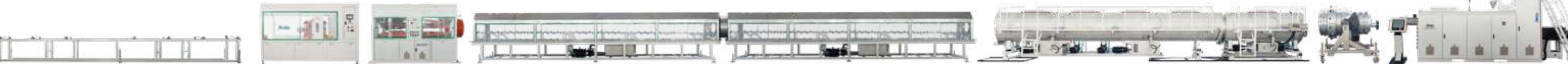
MPP聚丙烯电力电缆导管挤出生产线

MPP Polypropylene Power Cable Conduit Extrusion Production Line

Performance & Advantages: The real-time production capacity and cost of electricity consumption per ton of the production line are intelligently distributed on the display screen, which can be viewed on a remote PC or mobile app. The extruder adopts servo motor, matched with high torque reducer and energy-saving heating system, and the screw has excellent material plasticizing performance. The surface heat treatment effect of the mold is good, and it can extrude non stick materials at high production capacity with fast material change and easy adjustment. The gradually changing spiral structure has small sag and uniform wall thickness in the production of thick walled pipe solutions. The vacuum spray adopts multiple sets of strong spray systems, which enable the rapid alternation of cold and hot water in the box, and quickly solidify and cool it. The traction track has a long contact surface, and each claw of the track is controlled by servo. The speed of multiple claw tracks is precisely synchronized during high and low speed operation. Adopting advanced chip free cutting technology, the cutting depth is precise and controllable, the end face of the pipe is flanged small, and the failure rate is low.

性能和优点:

生产线实时产能、每吨电能耗成本等数据智能分布在显示屏内，可在远端PC或手机APP查看。挤出机采用伺服电机，配套高扭矩减速机、节能型加热系统，螺杆具有卓越的物料塑化性能。模具表面热处理效果好，在高产能挤出不粘料，换料快，调节方便，渐变的螺旋体结构在生产厚壁管溶体垂度小，壁厚均匀。真空喷淋采用多组强力喷淋系统，使箱体冷热水交替快，快速定型冷却。牵引履带接触面长，每爪履带采用伺服控制，在高低速运行中多爪履带速度精准同步。采用先进的无屑切割技术，进刀深度精确可控，管材端面翻边小，故障率低。



主要技术参数 Main Technical Parameters

生产线型号 Type	生产管材规格 Pipe spec (mm)	挤出机型号 Extruder	主电机功率 Main Power(kw)	生产挤出量 Output (kg/h)
JWG-160	Φ50-160	60mm	110	380
JWG-250	Φ75-250	75mm	160	640
JWG-315	Φ110-315	75mm	173	680
JWG-400	Φ160-400	90mm	185	730

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.

聚丙烯(β-PPH)/聚偏二氟乙烯(PVDF)高效型管材挤出生产线

MPP Polypropylene Power Cable Conduit Extrusion Production Line

Performance & Advantages: Customized according to different customer needs, the production line has high automation, excellent plasticizing ability, and advanced heat treatment technology for core components, ensuring that raw materials do not stick to the flow channel, and that the material is extruded evenly and densely. Combined with advanced mold structure, the inner and outer wall surfaces of the pipe are delicate and have good glossiness. The main applications of the product are in the chemical and water treatment industries, environmental protection industry, food and beverage industry, pharmaceutical industry, civil and construction industry, mining industry, etc.

性能和优点:

根据客户不同需求定制化，生产线具有高自动化，卓越的塑化能力以及核心部件先进的热处理工艺，确保原料不粘在流道内，物料挤出均匀，密实。配合先进的模具结构，管材内外壁表面细腻，光泽度好。产品主要应用：化工行业和水处理行业，环保行业、食品饮料业、制药行业、民用与建筑领域，矿山行业等。



主要技术参数 Main Technical Parameters

生产线型号 Type	生产管材规格 Pipe spec (mm)	挤出机型号 Extruder	生产挤出量 Output (kg/h)
JWG-75	Φ20-75	75mm	280
JWG-110	Φ20-110	75mm	360
JWG-315	Φ110-315	90mm	520
JWG-400	Φ160-400	90mm	560
JWG-630	Φ315-630	120mm	850

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.

内镶圆柱式滴灌管生产线
Internal Embedded Cylindrical Drip Irrigation Pipe Production Line

Performance & Advantages: JWELL Company produces a unit with embedded cylindrical drip irrigation pipes. It has the characteristics of beautiful appearance, high degree of automation, convenient operation, and high safety performance. Used for producing inner embedded cylindrical drip irrigation pipes. Internally embedded cylindrical drip irrigation pipes are widely used in many water-saving irrigation fields such as greenhouses, field planting, and greening projects. The equipment is controlled by a computer system and operated through a touch screen. The production process is stable, easy to operate, energy-saving, and efficient. Extrusion, punching, and winding are completed synchronously. The traction machine adopts variable frequency speed regulation, and the punching machine is a mechanical punching machine with fast punching speed and stable operation. A duplex position coiler is used, and the winding length can be adjusted according to needs.

性能和优点：
金纬公司生产内镶圆柱式滴头滴灌管的机组。有外形美观、自动化程度高、操作方便、安全性能高等特点。用于生产内镶圆柱式滴头滴灌管。内镶圆柱式滴头滴灌管广泛用于温室大棚、大田种植和绿化工程等众节水灌溉领域中。
设备采用计算机系统控制，触摸屏操作，生产过程稳定，操作方便，节能高效，挤出、打孔、收卷同步完成，牵引机采用变频调速，打孔机为机械式打孔，打孔速度快，运行稳定，采用双工位卷取机，收卷长度可根据需要调整。



高速贴片滴灌带生产线
High Speed Surface Mounted Drip Irrigation Tape Production Line

Performance & Advantages: The patch drip irrigation tape unit produced by JWELL Company. It can achieve the production of thin-walled lightweight patch drip irrigation tape, and the feeding, screening, conveying, storage, quantitative supply, and embedding of drip heads are automatically completed. The drip heads can be adjusted according to the production speed of the drip irrigation tape. Advanced extruder heads and shaping processes ensure smooth surface and accurate size of pipes. Servo traction, stable speed, drip hole is completed by PLC controlled mechanical drilling method, and there is a residue recycling system, with fast drilling speed and no residual slag. Adopting a duplex position coiler, the winding length can be adjusted as needed.

性能和优点：
金纬公司生产的贴片滴灌带机组。可实现薄壁轻量化贴片滴灌带的生产，滴头的上料、筛选、输送、储存、定量供应、嵌入自动完成，滴头可根据滴灌带的生产速度调整。先进的挤出机头和定型处理工艺、使管材表面光滑、尺寸准确。伺服牵引，速度平稳，滴水孔采用PLC控制的机械打孔方式来完成，并有残渣回收系统，打孔速度快，无残留渣屑。采用双工位卷取机，收卷长度可根据需要调整。



主要技术参数 Main Technical Parameters

制品规格Specifications(mm)	Φ12	Φ16	Φ20
制品壁厚 Product wall thickness(mm)	0.4-1.2	0.4-1.2	0.4-1.2
生产速度 Production speed(m/min)	≥60	≥60	≥60
滴头间距 Drippers spacing(mm)	≥200	≥200	≥200
最大挤出量 Maximum extrusion capacity(kg/h)	120	140	180
打孔/滴头速度 Drilling/dripping head speed(Pcs/Min)	≤180个/分钟	≤180个/分钟	≤180个/分钟
工作压力 Working pressure(bar)	0.8-1.4	0.8-1.4	0.8-1.4

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

制品规格Specifications(mm)	Φ16	Φ20
制品壁厚 Product wall thickness(mm)	0.15-0.2	0.15-0.2
生产速度 Production speed(m/min)	300	300
滴头间距 Drippers spacing(mm)	100-1000	100-1000
工作压力 Working pressure(bar)	0.3-1.0	0.3-1.0

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.

ABS/PE 卷芯管生产线

ABS/PE Core Pipe Extrusion Line

优良的力学性能 Excellent mechanical properties

冲击强度高，可以在-20℃ ~ +70℃的温度下使用，稳定性好，遇水冷却快，可快速定型具有耐油性，抗内压强度高，坚实而有韧性。

Good impact strength,Can be used at -20℃ ~ +70℃. Good stability, Fast water cooling, fast shaping and oil resistance. High internal compressive strength, Strong and resilient.

优良的材料性能 Excellent material properties

抗撞击能力强，同等规格厚度的制品承受外力撞击时,其材质不破裂,大约是PVC管的5倍以上。质量轻，同等规格厚度的制品，重量约为PVC的80%。

Strong impact resistance， the same thickness of products under external impact, the material does not break, about 5 times more than PVC pipe. Light weight, The same thickness of the product, the weight is about 80% of PVC.

优良的环保性能 Excellent environmental protection performance

无毒无污染，不含金属稳定剂，不会有重金属渗出污染。

Non-toxic and pollution-free. No metal stabilizer, no heavy metal seepage pollution.

优良的耐腐蚀性能 Excellent corrosion resistance

耐腐蚀性、耐碱性、耐磨性，起输送腐蚀性介质，适用于水处理及环保系统。

Corrosion resistance, Acid and alkaline resistance, Wear resistance, Transport corrosive media, suitable for water treatment and environmental protection systems.



主要技术参数 Main Technical Parameters

生产线型号 Type	管材内径规格 Pipe I.D(mm)	挤出量 Output(kg/h)
JWS90/38	75-153	120-150
JWS120/38	144-370	350-450

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 双出/四出管材生产线

PVC dual pipe/Four Pipe Extrusion Line

Performance & Advantages: Corresponding to the different requirements of pipe diameter and output, there are two types of SJZ80 and SJZ65 special twin-screw extruders optional; the dual pipe die evenly distributes the material output, and the pipe extrusion speed is quickly plasticized.

High-efficiency double-vacuum cooling box can be controlled separately, and the adjustment operation is convenient in the production process.

Dustless cutting machine, double station independent control, fast speed, accurate cutting length. Pneumatically rotating clamps eliminates the need to change clamps. With chamfering device optional.



性能和优点：对应管径和产量的不同要求，有SJZ80和SJZ65两种型号的专用双螺杆挤出机可供选择；双管模具均匀分配出料量，管材挤出速度快塑化好。

高效率的双真空冷却箱 可以单独控制，生产过程中调节操作方便。

无尘切割机，双工位独立控制，速度快，切割长度准确。气动旋转夹紧，免更换夹块。可选带倒角装置。



主要技术参数 Main Technical Parameters

生产线型号 Type	生产管材规格 Pipe spec (mm)	挤出机型号 Extruder	主电机功率 Main Power(kw)	生产挤出量 Output (kg/h)	外形尺寸 Dimension(m)
JWG-PVC63 (双管 Two strand)	Φ16 ~ 63	SJZ65/132	37	250 ~ 300	28×2.8×2.6
JWG-PVC110 (双管 Two strand)	Φ50 ~ 110	SJZ80/156	55	350 ~ 450	28×2.8×2.8
JWG-PVC32 (四管 Four strand)	Φ16-32	SJZ65/132	37	250 ~ 300	21×2.8×2.6

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.

UPVC管材挤出生产线

UPVC Pipe Extrusion Line

Performance & Advantages: A variety of specifications and models of PVC twin-screw extruder can produce pipes of different diameters and different wall thicknesses.

Specially designed screw structure with uniform plasticization and high output. Extrusion molds made of high quality alloy steel, internal flow channel chrome plating, polishing treatment, wear and corrosion resistance; with a dedicated high-speed sizing sleeve, pipe surface quality is good.

The special cutter for PVC pipe adopts a rotating clamping device, which does not require replacing the fixture with different pipe diameters. With chamfering device, cutting, chamfering, one-step molding. Support optional online bellling machine.

性能和优点：针对管材制品不同直径、不同壁厚产量的需求，有多种规格型号的PVC专用双螺杆挤出主机可供选择。特殊设计的螺杆结构，塑化均匀，产量高。

PVC挤出模头采用优质合金钢制造，内部流道经过镀铬高抛光处理，耐磨耐腐蚀；配合专用的定径套，制品生产速度快，管材表面质量好。

PVC管材专用的切割机采用旋转夹紧装置，适应不同管径，免去频繁更换夹具的麻烦。配备新式可调浮动倒角机构，可根据管径大小及壁厚调节倒角大小，切断、倒角一步成型。配套可选在线扩口机。



主要技术参数 Main Technical Parameters

生产线型号 Type	生产管材规格 Pipe Spec(mm)	挤出机型号 Extruder	主电机功率 Main Power(kw)	生产挤出量 Output(kg/h)	外形尺寸 Dimension(m)
JWG-PVC160	Φ50-Φ160	SJZ65/132	37	250~350	35×3×2.6
JWG-PVC250	Φ75-Φ250	SJZ80/156	55	300~500	35×3.5×2.8
JWG-PVC315	Φ90-Φ315	SJZ80/156	55	300~500	35×3.5×2.8
JWG-PVC400	Φ200-Φ400	SJZ80/156	75	450~600	35×4×2.8
JWG-PVC500	Φ250-Φ500	SJZ80/156	75	450~600	36×4×2.8
JWG-PVC630	Φ315-Φ630	SJZ92/188	110	650~850	42×5.5×3
JWG-PVC800	Φ400-Φ800	SJZ95/192 or SJP135/31	132	850~1100	50×6×3
JWG-PVC1000	Φ630-Φ1000	SJZ110/220 or SJP135/31	160	1100~1400	50×6×3.2
JWG-PVC1200	Φ800-Φ1200	SJZ110/220 or SJP135/31	160	1100~1400	52×6×3.2

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.

氯化聚氯乙烯 (PVC-C/U-PVC) 管材生产线

Chlorinated Polyvinyl Chloride (PVC-C/U-PVC) Pipe Production Line

Performance & Advantages: The production line adopts parallel and opposite direction twin-screw extrusion method, with good mixing effect and low shear heat. According to the customized design of mold compression ratio, the material is soft and uniform, the production line continuously extrudes stably, with high production capacity and low energy consumption.

The main applications of the product are in the chemical and water treatment industries, environmental engineering, power industry, marine engineering, agricultural irrigation, mining industry, etc.

性能和优点：生产线采用平行异向双螺杆挤出方式，混炼效果佳，低剪切热。根据定制化设计模具压缩比，使物料柔和、均匀，生产线连续挤出稳定，产能高，低能耗。

产品主要应用：化工行业和水处理行业，环保工程、电力行业、航洋工程、农业灌溉，矿山行业等。



主要技术参数 Main Technical Parameters

生产线型号 Type	挤出机型号 Extruder	主电机功率 Main Power(kw)	生产挤出量 Output(kg/h)
SJP-63	75mm	37	240
SJP-110	75mm	55	450
SJP-250	93mm	75	620
SJP-400	114mm	90	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.

保温管生产线

PE Insulation Pipe Extrusion Line

Performance & Advantages: PE insulation pipe is also called PE outer protection pipe, jacket pipe, sleeve pipe. The direct buried polyurethane insulation pipe is made of HDPE insulation pipe as the outer protective layer, the middle filled polyurethane rigid foam is used as the insulation material layer, and the inner layer is steel pipe. Polyurethane direct buried insulation pipe has good mechanical properties and thermal insulation performance. Under normal circumstances, it can withstand high temperature of 120-180 °C, and is suitable for various cold and hot water high and low temperature pipeline insulation projects.

The insulation pipe production line is designed with a special PE insulation pipe mold, the extrusion pressure is stable, and the thickness of the thin-walled pipe is uniform. The extrusion speed is fast, the output of the blown type is greatly improved, the surface is brighter, and the operation automation is high.

性能和优点: 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HDPE保温管作为外保护层, 中间填充聚氨酯硬质泡沫塑作为保温材料层, 内层为钢管。聚氨酯直埋保温管具有良好的机械性能和绝热性能, 通常情况下可耐高温120—180°C, 适用于各种冷、热水高低温管道的保温工程。

保温管生产线设计有特殊的PE保温管模具, 挤出压力稳定, 薄壁管厚度均匀。挤出速度快, 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 Parameters

型号 Type	挤出主机 Extruder	生产保温管规格 Pipe spec(mm)
JWGB630	JWS75/38或JWS90/33	Φ200-Φ630
JWGB1000	JWS90/38或JWS90/33	Φ315-Φ960
JWGB1400	JWS120/38或JWS120/33	Φ760-Φ1380
JWGB1700	JWS120/38或JWS150/33	Φ1054-Φ1680
JWGB2000	JWS120/38或JWS-150/33	Φ1054-Φ1960

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.

连续性缠绕增强热塑性塑料管道生产线

RTP Reinforced Pipe Extrusion Line

Performance and Advantage: Reinforced thermoplastic pipe (RTP) is divided into three main layers: a polymer liner, a reinforcement layer and an outer sheath layer. The reinforcement layer is made of aramid fiber, polyester fiber, etc. The inner and outer layers and the middle layer are independent of each other.

性能与优点：增强热塑性塑料管(RTP)管主要分为三层结构：聚合物内衬层，增强层和外护套层。增强层采用芳纶纤维，聚酯纤维等，内外层和中间层相互独立。

依据不同种类的增强材料，RTP管可以分为下面几类

There are several kinds of RTP pipe based on different kinds of reinforced material

聚酯纤维带增强RTP管

Polyester tape reinforced RTP pipe



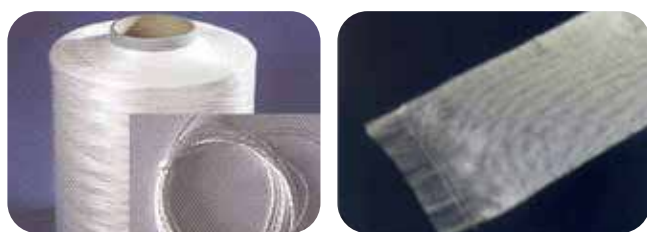
芳纶(尼龙)纤维带增强RTP管

Aramid (nylon) fiber tape reinforced RTP pipe



玻璃纤维带增强RTP管

Glass fiber tape reinforced RTP pipe



钢丝绳覆塑带增强RTP管

steel wire rope covered with plastic tape reinforced rtp pipe



主要技术参数 Main Technical Parameters

生产线型号 Type	管材规格 Model(mm)	配套挤出机 Extruder	最大挤出量 Output(kg/h)	总装机功率 Power(kW)
JWG-RTP-160	63-160	JWS60/40	120-300	160
JWG-RTP-250	75-250	JWS75/38	300-500	210
JWG-RTP-315	110-315	JWS75/38	400-600	238

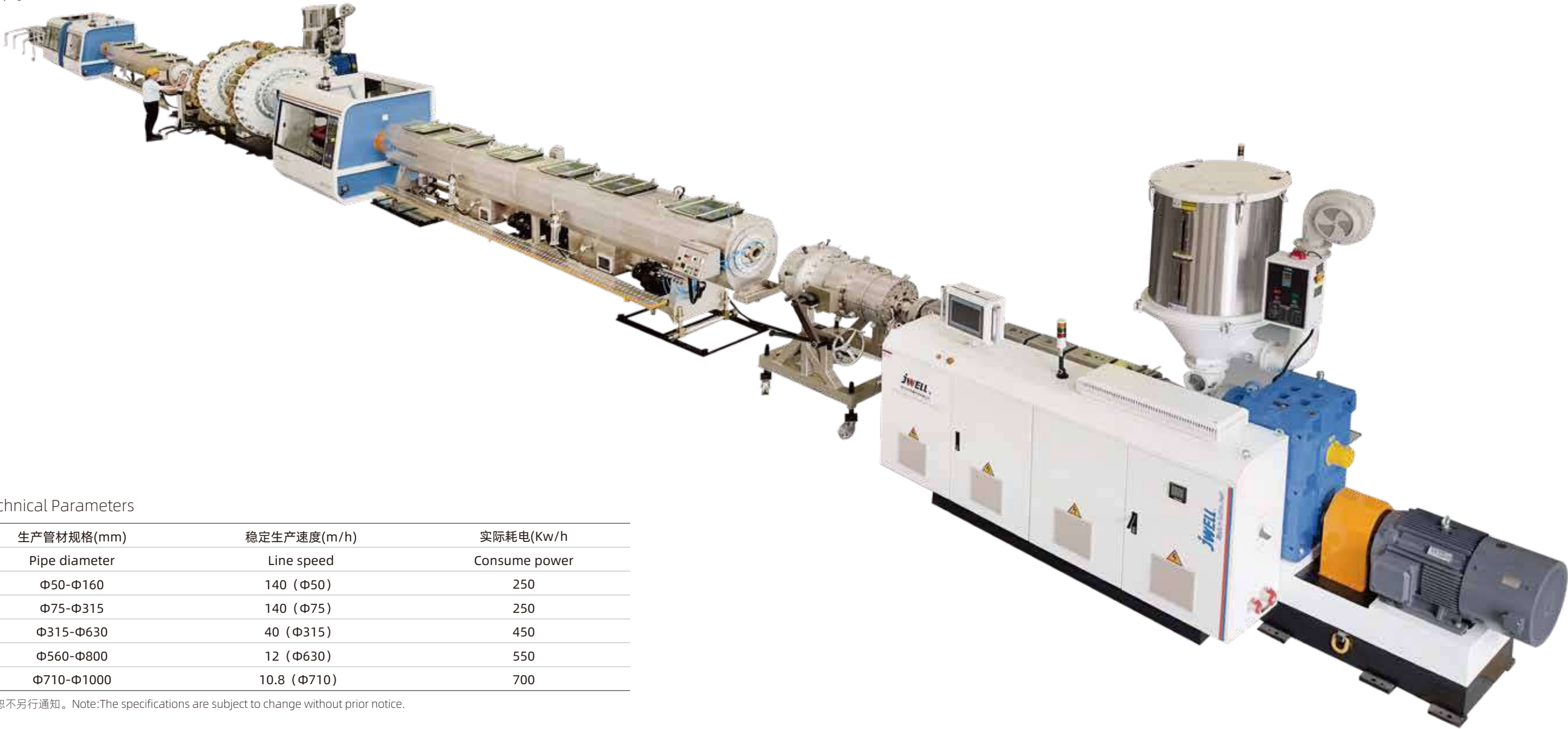
备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.



钢丝网骨架增强塑料复合管材生产线 Steel Wire Reinforced Composite Pipe Production Line

JWELL Machinery has developed a new high-speed steel wire reinforced composite pipe production line, which is characterized by high efficiency, high speed, and energy saving. The production line speed is nearly 30% faster than traditional lines; The same line could also produce pure polyethylene pipes for water supply and gas that meet national standards, as well as straight pipe fittings that match the pipes, reducing the cost of the entire project. The pipe diameter is 50mm-1000mm, which saves materials and reduces the cost by 30-40% compared to pure PE pipes of the same specification and pressure grade. The working pressure of the pipes is high ($\geq 3.0\text{MPa}$).

金纬机械全新推出高速钢丝网骨架增强塑料复合管材生产线，具有高效、高速、节能等特点，生产线速度比传统钢丝网骨架复合管生产线提高近30%；生产线也可生产符合国标的给水、燃气用纯聚乙烯管材，及与管材配套的直通管件，降低了整个项目工程的成本。钢丝网骨架增强塑料复合管材直径范围为50mm-1000mm，用料省，比同规格同压力等级的纯PE管成本低30-40%，管材工作压力高（ $\geq 3.0\text{MPa}$ ）。



主要技术参数 Main Technical Parameters

机型	生产管材规格(mm)	稳定生产速度(m/h)	实际耗电(Kw/h)
Model	Pipe diameter	Line speed	Consume power
GS/PE-160G	Φ50-Φ160	140 (Φ50)	250
GS/PE-315G	Φ75-Φ315	140 (Φ75)	250
GS/PE-630	Φ315-Φ630	40 (Φ315)	450
GS/PE-800	Φ560-Φ800	12 (Φ630)	550
GS/PE-1000	Φ710-Φ1000	10.8 (Φ710)	700

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.

立式HDPE/PP/PVC 双壁波纹管生产线

Vertical Type HDPE/PP/PVC Double Wall Corrugated Pipe Line

Performance & Advantages: Chuzhou Jwell introduced European advanced technology and newly developed parallel-parallel twin screw extruder HDPE/PP DWC pipe line, which has the following characteristics:

- 1. Adopt two parallel twin-screw extruders, and the mixing effect is excellent. It is possible to use both powdered and granular raw materials at the same time without the need for granulation and low raw material costs;
- 2. The extruder is equipped with a side feeding system, which can adjust the calcium powder filling ratio at any time online, and the formula exchange is convenient;
- 3. Extruder has vacuum vents. To make the inner and outer walls of the pipe dense and smooth without bubbles;
- 4. The screw & barrel are building block type. maintenance and replacement easily.



性能和优点: 滁州金纬机械公司引进欧洲先进技术, 新开发的同向平行双螺杆主机挤出HDPE/PP双壁波纹管生产线, 具有如下特点:

- 1、采用两台同向平行双螺杆主机, 混炼效果极佳。可以同时用粉状和颗粒原料, 无需造粒, 原料成本低;
- 2、主机配有侧喂料系统, 能在线随时调节钙粉填充料添加比例, 配方调换方便;
- 3、每台主机都有两道排气孔, 并有抽真空装置。使制品管材内外壁密实光滑无气泡;
- 4、螺杆和机筒均为积木式组合而成, 可根据原料配方做优化调整。后期设备维护更换配件成本低。

主要技术参数 Main Technical Parameters

型号 Type	管材直径(mm) Pipe diameter	生产能力kg/h HDPE output	最大速度 Max speed(m/min)	总功率(KW) Total power
JWSBL-600	200-600	800	5.0	500
JWSBL-1000	200-1000	1200	2.5	710
JWSBL-1200	800-1200	1400	1.5	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.

卧式双壁波纹管生产线

Horizontal Double Wall Corrugated Pipe Production Line

性能和优点：金纬公司最新开发的卧式双壁波纹管生产线，是在充分吸收国内外先进技术的基础上，自主研发的新一代卧式压力水冷生产线，拥有十多项发明专利

- 有多种类型挤出机可供选择，可实现HDPE、PP各种管材的生产，也可满足单壁波纹管生产需求。
- 定径套选用铝合金材质，表面经耐磨处理；管材波形经过专门的软件程序计算，可以在同样的米重下获得更优的环刚度。
- 成型机滑动底座为齿轮传动，装有大尺寸滚针轴承，提高了滑动底座的承载力；运行更平稳，寿命更长。
- 生产线为固定中心高，更换规格时不需再次调整。
- 不同规格生产线模块通用；快卸式模块设计，使模块装卸方便快捷；独特模块内冷却设计，使冷却水在模块内部快速的流动，实现管材的快速冷却定型；主传动采用双速电机驱动，可以实现稳定精确运行。
- 采用先进的PLC与彩色大屏幕液晶显示屏组成的控制系统，可单机调整，全线联动，操作简单，生产稳定可靠，自动化程度高，故障自动报警。



Performance & Advantages: Jwell's newly developed horizontal double-wall corrugated production line is a second-generation horizontal pressure water cooling production line, which is independently developed on the basis of domestic and international advanced technologies. It has more than ten invention patents.

- There are a variety of types of extruders to choose, which can achieve the production of various HDPE, PP pipe, also can meet the production demand of single-wall corrugated pipe.
- Sizing sleeve is made of aluminum alloy, and the surface is wear-resistant. The tube waveform can be calculated by special software program, and the ring stiffness can be obtained at the same weight.
- The sliding base of forming machine is geared and equipped with large size needle roller bearing, which improves the bearing capacity of the sliding base. More stable operation, longer life.
- Production line is fixed center height, and there is no need to adjust again when changing model.
- Common production line modules with different specifications. Quick unloading module design makes module loading and unloading convenient and fast. The unique internal module cooling design enables the cooling water to flow rapidly. internal module realizes the rapid cooling and shaping of pipes. The main drive is driven by a two-speed motor, which can realize stable and accurate operation.
- Using advanced PLC and color LCD control system, which can be adjusted by single machine, linkage of all lines,simple operation, stable and reliable production, high degree of automation, automatic fault alarm.

主要技术参数 Main Technical Parameters

规格 Specs	型号 Type	最高挤出量 KG/h Maximum extrusion capacity	型号 Type	外形尺寸 External dimensions	最高速度 Maximum speed
ID100-300	JWS-90/33+JWS75/33	600/400	JWSBG-300H	30*6	7.5
ID200-600	JWS-120/33+JWS90/33	800/600	JWSBG-600H	34*6	5.5
ID200-800	JWS-150/33+JWS90/33	1300/600	JWSBG-800H	38*8	4.2
ID300-1000	JWS-150/33+JWS90/33	1300/600	JWSBG-800H	38*8.5	2.9
ID400-1200	JWS-150/33+JWS120/33	1300/800	JWSBG-800H	38*9	2

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.

卧式单壁/双壁波纹管生产线

Horizontal Type Single Wall/Double Wall Corrugated Pipe Extrusion Line

Performance & Advantages: This series of horizontal DWC pipe line is suitable for the extrusion 50-200mm small-diameter DWC pipe. The products are widely used in many fields such as drainage, exhaust, and power. The entire line adopts computer HMI control, has a high degree of self-control, has a number of patented technology, stable operation and high output. With the new high-efficiency single-screw extruder, the output is greatly plasticized and the pipe products have high flexibility. The molding machine adopts a horizontal structure and is easy to operate.

性能和优点：该系列卧式双壁波纹管生产线适用于50-200mm小口径双壁波纹管的挤出生产，制品广泛应用于排水、排气、电力等多个领域。整线采用电脑人机界面控制，具有很高的自控性，拥有多项专利技术，运行稳定，产量高。

采用新型高效单螺杆挤出机，产量大塑化好，波纹管制品柔韧性好。成型机采用卧式结构，操作方便。



主要技术参数 Main Technical Parameters

型号 Type	挤出机 Extruder	主电机功率 Main Motor	生产线速度 Line Speed
JWDBW 16-32	45/28	15KW	24m/min
JWDBW 16-50	65/28	30KW	20m/min
JWSBW-50-110	45/33+45/33	30+18.5KW	0.6-6m/min
JWSBW-50-160	65/33+65/33	45+30KW	0.5-5m/min
JWSBW-110-200	75/33+65/33	90+45KW	0.4-4m/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.

PVC异向平双螺杆造粒挤出生产线

PVC Counter Parallel Twin-screw Pelletizing Extrusion Line

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 downstream equipment is the die face cutter, air transferring unit, vibration separating and cooling unit. This pelletizing downstream equipment has the features of high automation and high production efficiency.

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。



主要技术参数 Main Technical Parameters

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

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.

SJZ/SJP系列双螺杆挤出机
SJZ/SJP Series Twin-Screw Extruder

SJZ系列锥形双螺杆挤出机 SJZ Series Conical Twin-Screw Extruder

型号Model	SJZ-55	SJZ-65	SJZ-80	SJZ-80A	SJZ-92	SJZ-95	SJZ-110
螺杆直径 Dia (mm)	55/110	65/132	80/156	80/173	92/188	95/192	110/220
螺杆最高转速 Speed(rpm)	45	45	34.7	37.6	34.7	34.7	40.1
主电机 Motor(kw)	22/30	37	55	75	110	132	160
生产能力 Capacity (kgs/h)	180	380	500	680	800	1000	1350

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.

SJP系列异向平行双螺杆挤出机 SJP Series Parallel Twin-Screw Extruder

型号 Model	SJP75/28	SJP93/31	SJP110/31	SJP120/31	SJP135/31
电机功率 Power (KW)	45	75	110	132	160
螺杆直径 Dia (mm)	75	93	110	120	135
最大转速 Speed (rpm)	45	45	45	45	45
长径比 (L/D)	28:1	31:1	31:1	31:1	31:1
最大产量 Capacity (Kg/h)	320	420	680	850	1100
重量 Weight (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.



JWS系列高效节能单螺杆挤出机
JWS Series High Efficiency Single Screw Extruder

普通型号 Normal Type

挤出机型号 Model	螺杆直径(mm) Diameter of screw	长径比 L/D ratio	传动功率(KW) Driving power	产量(HDPE) Output(kg/h)
JWS25/25	25	25:1	1.5	5-10
JWS35/25	35	25:1	4-5.5	10-12
JWS45/33	45	33:1	22/30	100/120
JWS65/33	65	33:1	45/55/75/90	150/200/250/300
JWS75/33	75	33:1	90/110	350/450
JWS90/33	90	33:1	160/185	550/700
JWS120/33	120	33:1	280/315	950/1100
JWS150/33	150	33:1	355/400	1200-1500

新式高效型 High Efficiency Type

挤出机型号 Model	螺杆直径(mm) Diameter of screw	长径比 L/D ratio	传动功率(KW) Driving power	产量(HDPE) Output(kg/h)
JWS-60/40	60	40:1	90	250-400
JWS-75/38	75	38:1	132	500-600
JWS-90/38	90	38:1	250	900-1000
JWS-90/42	90	42:1	315	1000-1200
JWS-120/38	120	38:1	355	1300-1400
JWS-150/38	150	38:1	450	1800-2000

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异向锥双螺杆造粒挤出生产线

PVC Counter Conical Twin-screw Pelletizing Extrusion Line

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 downstream equipment is the die face cutter, air transferring unit, vibration separating and cooling unit. This pelletizing downstream equipment has the features of high automation and high production efficiency.

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。



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	800~1300

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.

其他管材设备配套部件

Other Pipe Line Assisting Parts



螺杆机筒
Screw and barrel



管材米重在线监控系统
Gravimetric control system



管材扩口机
Belling machine



混料机组
Mixer



破碎机
Crusher



撕碎机
Shredder



热风搅拌干燥机
Hot air stirring dryer



收卷机
Winder



换网器
Screen exchanger



测径仪
Diameter measuring instrument



激光打字机
Laser printer



PVC自动包装机
PVC pipe automatic strapping bagging and packing machine

配置选型表
Optional Equipment List

一、主机部分 Extruder

生产线型号:

电机类型:

☐交流

☐直流

☐永磁同步

☐感应伺服

Motor type:

AC DC Permanent magnet synchronousInduction servo

减速箱型号:

☐单螺杆

☐锥双

☐平双

Gear box model:

Single screw conical twin screw parallel twin screw

☐进口品牌

☐国产品牌

International brand, Chinese brand

螺杆机筒型号:

☐单螺杆

☐锥双

☐平双

Screw and barrel model:

single screw and barrel, conical twin and barrel, parallel twin screw and barrel

☐氮化钢

☐SKD11

☐高速钢

☐镍基合金

☐碳化钨

Nitrided steel, SKD11, High speed steel, Nickel base alloy, Tungsten carbide

电柜配置:

☐标准电脑柜

☐标准温控表普通柜

Electric cabinet specification:

PLC controller type cabinet, metering electric cabinet

加热圈:

☐云母

☐陶瓷

☐保温棉

☐红外

☐铸铝

☐铸铜

Heater:

mica type heater, ceramic heater, thermos insulation type heater, Infrared heating, aluminum casting heater, copper casting heater

变频器品牌:

☐进口品牌

☐国产品牌

Inverter brand:

International brand, Chinese brand

米重/失重称:

☐原装进口

☐国产品牌

Gravimetric doser:

International brand, Chinese brand

备注Remark:

二、模具部分 Die head

规格请详细列出:

Pipe size list

备注Remark:

三、真空箱部分 Vacuum tank

真空箱长度推荐

☐9m

☐3m+9m

☐3m+10.5m

Vacuum tank length:

9m, 3m+9m, 3m+10.5m

备注Remark:

四、喷淋箱部分 Spraying tank

喷淋箱:

☐罐式

☐推拉窗式

Spraying tank:

Full barrel type, sliding window type

五、牵引机部分 Haul off unit

牵引电机:

☐普通电机

☐伺服控制

☐变频永磁同步控制

Haul off motor:

AC motor, servo motor, Variable frequency permanent magnet synchronous control

备注Remark:

六、切割机部分 Cutter

切割方式:

☐锯片切割

☐无屑切割

☐双刀切割

Cutting method:

saw cutter, dust free cutter, double blade cutter

切割进刀方式:

☐机械进刀

☐液压进刀

☐气动进刀

Cutting blade feeding method:

Mechanical type, hydraulic type, Pneumatic

备注Remark:

七、堆放架 Stacker

堆放架:

☐6m

☐9m

☐12m(6m+6m)

Stacker:

6m 9m 12m(6m+6m)

八、收卷机 Winder

收卷机:

☐单工位

☐双工位

Winder:

Single position, double position

生产线收卷速度和规格要求:

Winder speed and specification:

备注Remark: