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PIPE EXTRUSION MACHINERY

浙江金纬管道设备制造有限公司
 ZHEJIANG JWELL PIPE EQUIPMENT CO., LTD.

金纬机械

浙江海宁厂区



JWELL ZHEJIANG HAINING FACTORY



ZHEJIANG JWELL PIPE EQUIPMENT

浙江金纬管道设备制造有限公司是金纬机械旗下的又一个重要发展战略中心和制造基地，位于浙江省海宁市斜桥工业园区。一期用地115亩，厂区内配套有先进的零部件CNC机械加工基地和规范的装配车间，年产800套塑料挤出智能装备。公司专注于塑料管道挤出装备制造和全方位的专业技术服务，用心制造符合全球中高端用户所需的塑料挤出设备。严谨的设计、严格的标准化制造过程、完善的售后服务保障体系，为用户提供高效、节能、品质卓越的生产线设备和贴心的服务。



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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ZHEJIANG JWELL PIPE EQUIPMENT CO.,LTD, is one more important strategic center and production base of JWELL Group. It is located in XIEQIAO Industrial zone of Haining city, Zhejiang Province.. The 1st company infrastructure is designed for 76,500 square meters factories, this new factories are equipped with a lot advanced CNC machining centers and well-organized assembling workshops. Every year, there will be more than 800 intelligent extrusion equipments manufactured from this production base.. ZHEJIANG JWELL PIPE equipment co.,ltd, is focus on manufacturing pipe extrusion equipments, complete and professional technical service, we are dedicated to offering Customized extrusion equipments for our global customers. Rigorous technical design, Strict and standard production process, complete after-sale service and maintenance system, ZHEJIANG JWELL is providing high-efficiency, energy-saving, outstanding-quality extrusion equipments and caring service to our customers..

JWELL and **Jinhailuo 金海螺** are famous brands in Chinese plastic machinery industry.

JWELL machinery has been sold across the country, and exported to all continents over the world, including the market of developed country, such as Germany, America, Japan, Spain and so on.

"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"

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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

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, easy controlling, 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 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、抗静电)，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 special-application pipe extrusion. This pipe with 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 made of HDPE, sharply reduce the cost of double-anti material, then reduced the cost of the whole product.



主要技术参数 Main technical parameter

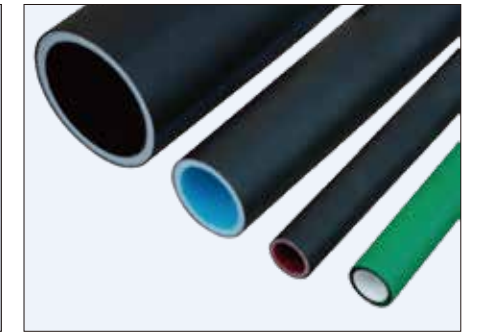
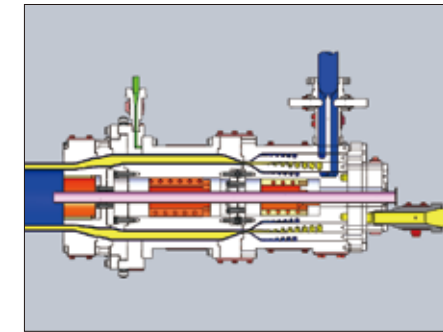
生产线型号/Type	管材规格/Diameter(mm)	配套挤出机/Extruder	挤出力/Capacity(kg/h)	总装机功率 /Power(kw)
JWPEG-800	Φ 400~Φ 800	JWS120/38	1000-1300	600
JWPEG-1000	Φ 500~Φ 1000	JWS120/38	1000-1300	650
JWPEG-1200	Φ 630~Φ 1200	JWS90/38 × 2	1000-1600	960
JWPEG-1600	Φ 1000~Φ 1600	JWS120/38+90/38	1000-1700	1300
JWPEG-2000	Φ 1200~Φ 2000	JWS120/38+90/38	1000-2000	1400

备注：以上规格参数如有变更，恕不另行通知。If there is any modification, customer will not be informed.

高速机-管材挤出生产线: HDPE燃气管、供水管一单层或多层 High Speed Extrusion Line for HDPE Water Pipe/Gas Pipe

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 european advanced technology, It is a new technical achievement of energy-saving production line, which is suitable for high speed extrusion of HDPE, PP and other polyolefin pipe. compared with classic production line, the energy-saving effect reaches up to 35%, and the product efficiency is double increased, thus it is not only saving the cost of space and labor force, but also improving efficiency. This production line has nice appearance, higher automatic degree, reliable and stable production.



主要技术参数 Main technical parameter

生产线型号	管材规格	配套节能挤出机	实际最大挤出量	总装机功率
Model	Diameter(mm)	Extruder	Capacity(kg/h)	Power(kw)
JWGXPE-110	Φ20~Φ110	JWS60x40	360	150
JWGXPE-315	Φ90~Φ315	JWS75x38	600	300
JWGXPE-630	Φ315~Φ630	JWS90x38	1000	570

备注: 以上规格参数如有变更, 恕不另行通知。If there is any modification, customer will not be informed.

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: 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。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。

Properties: Our company's latest research and development of energy-saving high-speed production line, suitable for high-speed polyolefin pipe extrusion. 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.



主要技术参数 Main technical parameter

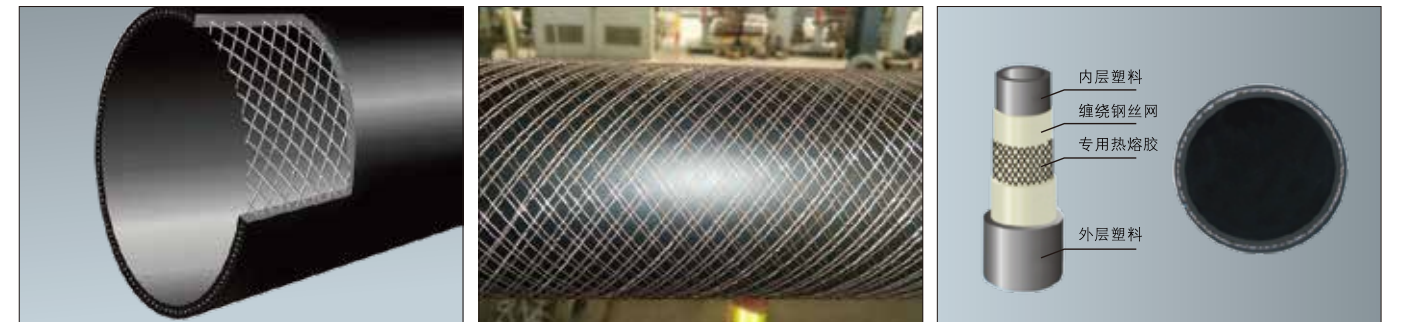
型号Type	管材规格 Diameter(mm)	挤出机Extruder	挤出量 Capacity(kg/h)	总装机功率 Power(kw)
JWMPP-315	Φ110-Φ315	JWS75/38	500-600	300

备注: 以上规格参数如有变更, 恕不另行通知。If there is any modification, customer will not be informed.

HDPE钢丝网骨架塑料复合管 HDPE Steel Wire Frame Plastic Pipe, Also Called SRTP Pipe

性能和优点: 钢丝网骨架塑料复合管是一过改良的新型的钢骨架塑料复合管。这种管材又称为srtp管。这种新型管道是用高强度过塑钢丝网骨架和热塑性塑料聚乙烯为原材料, 钢丝缠绕网作为聚乙烯塑料管[1]的骨架增强体, 以高密度聚乙烯 (HDPE) 为基体, 采用高性能的HDPE改性粘结树脂将钢丝骨架与内、外层高密度聚乙烯紧密地连接在一起, 使之具有优良的复合效果。因为有了高强度钢丝增强体被包覆在连续热塑性塑料之中, 因此这种复合管克服了钢管和塑料管各自的缺点, 而又保持了钢管和塑料管各自的优点。钢丝骨架增加聚乙烯三层复合管, 经常被用于城市供水, 土木工程, 石油和天然气领域, 化工, 电力传输管道, 冶金矿山, 海水运输, 造船, 农业和铺设光纤电缆。

Properties: Steel Wire Frame Plastic Pipe, also called SRTP pipe, is a new type of steel framed polyethylene plastic pipe. It adopts the raw material of high tensile over-plastic Steel wire mesh frame and thermoplastic PE. Steel wire mesh as reinforced frame-work and based on HDPE, it also adopts high performance HDPE modified bond resin to connect the inner space HDPE and outer space HDPE with steel wire frame closely, so that it can have an excellent compounding effect. Since the high tensile steel wire reinforcements are warped in continuous thermoplastic plastic, this composite pipe take the essence and discard the dross of steel pipe and plastic pile. Three layers steel wire reinforced composite pipe is widely frame are widely used in the area of city water supply, civil engineering, fossil oil, natural gas, chemical industry, power transmission pipelines, metallurgical mines, sea water transport, shipbuilding, agriculture and the laying of fiber optic cables.



规格型号

公称压力: 0.6MPa--3.5MPa
规格为: DN50-DN1200

Specifications:

Nominal pressure: 0.6MPa--3.5MPa
Dimensions: DN50-DN1200



UPVC/CPVC/PVC-UH管材挤出生产线—单层或多层

UPVC/CPVC/PVC-UH Pipe Extrusion Line

性能特点: 针对不同直径、不同生产量需求,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,流道表面高光亮度和防腐处理。宽大的流道设计确保熔体在模头内的停留时间和最大的挤出产量。

针对大口径的PVC管材采用前后双真空室结构设计,并配有圆弧托板,管材圆度好成型质量高。

从2履带至10履带数量的牵引机,配套不同规格的行星切割机,适应所有尺寸规格的PVC管材生产。配套可选在线扩口机。

Properties: According to different diameters, different production requirements, a variety of special specifications of PVC twin-screw extruders to be chosen. The special designed screw structure, uniform plasticizing, high output.

PVC extrusion die head is made of high quality alloy steel, channel surface with brightness and anti-corrosive treatment. Wide flow channel design to ensure the pass-through time of the melt in the die head and the largest extrusion production.

In view of the large diameter PVC pipe, the vacuum tank is with double-chamber design, equipped with nylon supporting plates, making pipe roundness and forming better.

To match wide production range of PVC pipes, JWELL provide haul-off with 2-claw up to 10-claw, different modles of planetary cutters..Also can equip online bellling machine as an option.



PVC单层主要技术参数 Main technical parameter

生产线型号 Type	生产管材规格 Pipe spec (mm)	最大挤出量 Max.output (kg/h)	主电机功率 Motor power (kw)
JWG-PVC160	Ø50 ~ Ø160	200 ~ 300	37
JWG-PVC250	Ø110 ~ Ø250	300 ~ 400	55
JWG-PVC400	Ø160 ~ Ø400	600 ~ 700	110
JWG-PVC630	Ø250 ~ Ø630	700 ~ 800	110
JWG-PVC800	Ø400 ~ Ø800	700 ~ 800	110
JWG-PVC1000	Ø500 ~ Ø1000	1000 ~ 1200	160

备注: 以上规格参数如有变更, 恕不另行通知。If there is any modification, customer will not be informed.

PVC多层主要技术参数 Main technical parameter

生产线型号 Type	生产管材规格 Pipe spec (mm)	挤出机型号 Extruder	主电机功率 Main Power(kw)	生产挤出量 Output (kg/h)
JWG-PVC250 Three-layer	Ø75 ~ Ø250	SJZ65/132+55/110	37+22	300~400
JWG-PVC450 Three-layer	Ø200 ~ Ø450	SJZ80/156+65/132	55+37	400~600
JWG-PVC630 Three-layer	Ø315 ~ Ø630	SJZ92/188+65/132	110+37	740~900

备注: 以上规格参数如有变更, 恕不另行通知。If there is any modification, customer will not be informed.

UPVC/CPVC双管挤出、四管挤出生产线 UPVC/CPVC Dual-strand Extrusion, Four Strand Extrusion Line

性能特点: 在生产小口径管材而要求高产量的情况下, 尤其显现出使用双管挤出的优势。我们的双管下游设备的特点是带两套独立的控制回路, 每条管线的速度可以分别调整, 甚至可以同时生产不同管径的管材。
四管挤出生产线适用于 ≤ 32 以下管材的高速生产, 单边管材速度最高达到25m/min。
该生产线采用特殊的螺杆与模具设计, 物料塑化均匀, 生产速度快, 能耗低。控制操作方便, 降低对操作工人操作的技术要求。并且有效节省了生产场地所需空间。

Main charaters: Under high-output requirement for small diameter pipe production, the double-extrusion technology shows great advantage. The characteristics of our dual-strand downstream equipment is with two sets of independent control circuit, the speed of each side can be adjusted respectively, and can even produce different diameter of the pipe at the same time.
Four strand extrusion line is suitable for the ≤ 32 mm pipe with high-speed production, unilateral pipe speed up to 25 m/min.
This extrusion line adopts special screw and mould design, uniform plasticizing, fast production speed, low energy consumption. Easy controlling and operation, reduce the technical and running requirements the operators. And effectively save the workshop space.



主要技术参数 Main technical parameter

生产线型号 Type	生产管材规格 Pipe spec (mm)	最大挤出量 Max.output (kg/h)	总装机功率 Total power (kw)
JWG-PVC32 (四管Four strand)	Ø20 ~ Ø32	250 ~ 300	104
JWG-PVC63 (双管Four strand)	Ø20 ~ Ø63	250 ~ 300	105
JWG-PVC110 (双管Two strand)	Ø50 ~ Ø110	300 ~ 400	145

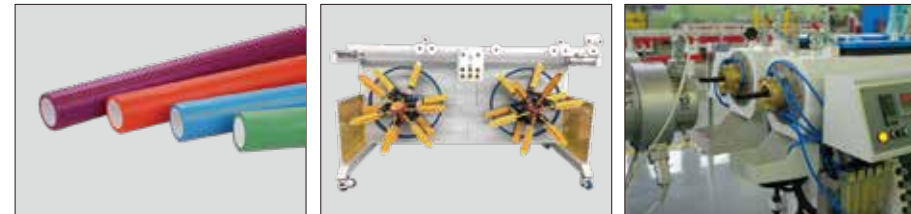
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PPR、PERT、PEX等冷热水管挤出生产线 PPR/PERT/PEX/Cool&Hot Water Pipe Extrusion Line

PPR, HDPE单管及一模双出管材生产线 PPR, HDPE single pipe and dual-strand pipe production line

性能和优点: 金纬公司设计的高效PP-R、HDPE单管及一模双出管材生产线, 专门针对PP-R、HDPE材料特性, 采用我司自主研发的JWS系列高效单螺杆挤出机, 配有西门子PLC工控系统, 可实现从挤出机到辅机整个生产线的自动控制, 产量高、挤出稳定。

Properties: The high-efficiency PPR/HDPE single-strand and Double-strand pipe extrusion lines, are specially designed by JWELL company, to match PP-R/HDPE material charatics. The lines equipped with self-designed JWS series high-efficiency single-screw extruders, with SIEMENS PLC controlling system, then achieve automatic controlling of the whole line from main extruder to down streams equipments. With high output capacity, reliable extrusion.



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)
JWS-PPR-63(单 single)	Φ20-Φ63	JWS60x40	150~180	110
JWS-PERT-32(高速 high speed)	Φ16-Φ32	JWS60x40	180~220	140
JWS-PERT-32(双 double)	Φ16-Φ32	JWS60x40	250~300	140
JWS-PE/PERT-63(双 double)	Φ20-Φ63	JWS60x40	250~300	140

备注: 以上规格参数如有变更, 恕不另行通知。If there is any modification, customer will not be informed.

多层PPR/PE复合管材生产线 Multi-layer PPR/PE Composite Pipe Extrusion line

产品特性及应用

金纬机械自主研发的PPR玻纤管挤出生产线的技术参数优于国内同类产品, 部分性能指标甚至超过国外同类产品。PPR玻纤管较普通PPR管耐压、耐高温性能更高, 使用寿命更长, 高强度、抗冲击性能更好, 防止管道下垂现象, 是太阳能、热能循环系统、取暖系统, 自来水供应理想的选择。

PPR/Glassfiber/PPR pipe is widely used in solar energy, thermal energy circulation system, heating system and water supply, because of its higher pressure and temperature resistance, long service life, high strength and impact resistance, and the prevention of pipe line sagging.



主要技术参数 Main technical parameter

型号Type	管材规格 Diameter(mm)	挤出机Extruder	挤出量 Capacity(kg/h)	总装机功率 Power(kw)
JWPEG-63	Φ20-Φ63	JWS65/33	100-150	100
JWPEG-110	Φ20-Φ110	JWS65/33	150-200	130
JWPEG-160	Φ63-Φ160	JWS65/33	200-250	145

备注: 以上规格参数如有变更, 恕不另行通知。If there is any modification, customer will not be informed.

立式 HDPE、PP、PVC 大口径双壁波纹管生产线 HDPE、PP、PVC Vertical Type Double Wall Corrugated Pipe Extrusion Line

性能和优点:该产品主要应用于城市排水、排污系统。经专业设计，精心制造的JWSBL立式系列HDPE/PVC双壁波纹管全电脑挤出生产线，具有产量高、挤出稳定和自动化程度高等优点。挤出机可根据用户原料情况特殊设计,HDPE采用新型高效单螺杆挤出机，PVC采用大型平双或锥双挤出机。成型机及机头精度高，模块互换性好，模块冷却方式有水冷和风冷两种，可以实现在线扩口，确保成型管材的各项性能指标，环形双刀切割机具有优异的切割精度，整条生产线采用西门子人机界面控制系统，具有很高的自控功能。

Properties: DWC pipe is mainly used for water drainage system. It is a fully computer controlled line. It features high and stable output capacity, and highly automatic operation. For HDPE, you can choose high efficient single screw extruder. For PVC, you can choose conical twin- screw extruder or parallel twin- screw extruder. Forming system consists of mould blocks and corrugator. Mould blocks can be easily changed and they have air or water cooling system. The bellng process is on line. High precision cutting can be guaranteed by cutting machine. The production line can also be equipped with SIEMENS PLC system.



双壁波纹管立式成型机技术参数 Corrugator technical data

型号 Type	管材直径(mm) Pipe Diameter	生产能力(kg/h) HDPE Output	最大速度(m/min) MAX Speed	总功率(kw) Total power
JWSBL-300	110-300	400-500	5.0	250
JWSBL-600	200-600	600-800	3.5	500
JWSBL-800	200-800	1000	3.0	680
JWSBL-1000	200-1000	1200	2.5	710
JWSBL-1200	600-1200	1400	1.0	800

备注：以上规格参数如有变更，恕不另行通知。If there is any modification, customer will not be informed.

可选机型配置 Optional extruder data

生产线型号 Type	经典机型：单螺杆挤出机系列 Traditional model: Single screw Extruder	节能机型：锥形双螺杆挤出机系列 Saving-energy model: Conical screw Extruder
JWSBL-600/800	JWS 90/33+JWS 75/33	SJZ 80/156+SJZ 80/156
JWSBL-1000/1200	JWS 90/33+ JWS 120/33	SJZ 80/156+SJZ 92/188

备注：以上规格参数如有变更，恕不另行通知。If there is any modification, customer will not be informed.

HDPE大口径中空壁缠绕管生产线/内肋筋缠绕管生产线 Large Diameter HDPE Hollow-wall Coiled Pipe Extrusion Line

性能特点:

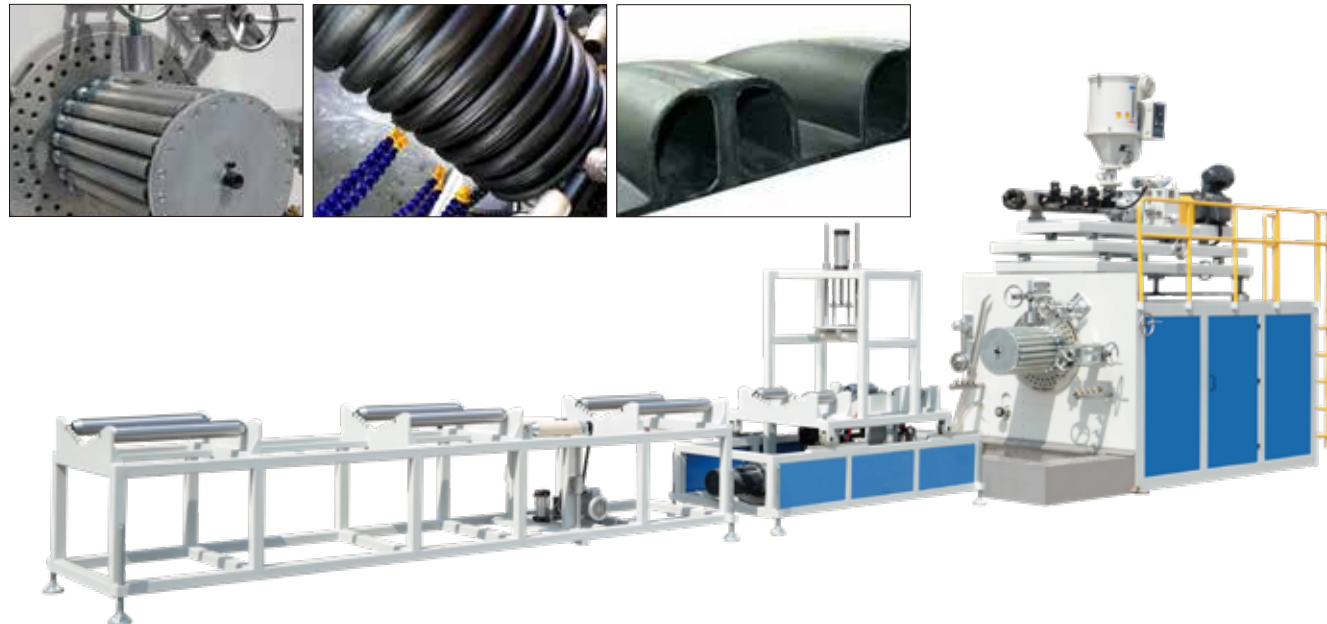
HDPE大口径中空壁缠绕管管道是替代水泥管的产品之一，金纬机械是具备生产该设备的厂家，公司拥有强大的技术优势和丰富的管材生产经验，其设备性能稳定，操作方便，各项综合指标达到国内领先水平。

- 1、主机采用高效单螺杆挤出机，确保高速、高质量挤出；
- 2、采用复合式机头，螺旋转动成型，结构精巧，设计独特，保证产品高品质；
- 3、管材成品环刚度高，可生产矿用防静电瓦斯抽排气管材；
- 4、特种管件连接，连接方便，施工经济。

Performance and advantage:

Large diameter HDPE hollow-wall coiled pipe is one of the best replacements for cement pipe. Jwell is one of the earliest qualified suppliers for this line. We have strong technical advantage and rich experience in pipe production providing excellent pipe machine characterised of stable performance and easy operation. The comprehensive indexes of Jwell machine reach the domestic Top level.

- 1、The main extruder adopts efficient single screw extruder ensuring high speed and perfect quality extrusion.
- 2、Composite head is used with spiral rotational molding type with ingenious structure and unique design to ensure product quality.
- 3、Pipe product has high ring stiffness, mining used anti-static mashgas drainage and exhaust pipes can be produced by this machine.
- 4、Special pipe connectiot with convenient operation and economic construction.



主要技术参数 Main technical parameter

型号 Type	管径范围 Diameter(mm)	型号 Extruder	长径比 L/D	主电机功率(kw) Main motor power	装机总容量 Power(kw)	最大产量(kg/h) Max output	外形尺寸 长(L)×宽(w)×高(m)
JW800	200-800	JW75×30/JW55×30	30:1	45/18.5	120	400	23.5×10×3.2
JW1200	300-1200	JW90×30/JW65×30	30:1	75/30	200	550	24×10×3.5
JW1600	800-1800	JW100×30/JW75×30	30:1	110/45	300	650	24.5×11×5
JW2400	1200-2400	JW120×30/JW75×30	30:1	132/55	400	750	32×16×6
JC3000	1800-3000	JW150×30/JW90×30	30:1	200/90	600	900	32×15×8

备注：以上规格参数如有变更，恕不另行通知。If there is any modification, customer will not be informed.

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保护层、聚氨酯硬质泡沫保温材料与钢管组成。保温层材料为密度60kg/m³至80kg/m³的硬质聚氨酯泡沫，充分填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℃通过改性或与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)	总功率(km)
JWGB630	200-630	JWS-75/38	30mx3mx4m	290KW
JWGB1000	315-960	JWS-90/38	34mx3mx4m	342KW
JWGB1400	760-1380	JWS-120/38	40mx3.5mx4.3m	472KW
JWGB1700	1054-1680	JWS-120/38	40mx3.5mx4.3m	512KW
JWGB2000	1054-1960	JWS-120/38	49mx4.5mx5m	670KW

备注：以上规格参数如有变更，恕不另行通知。If there is any modification, customer will not be informed.

新风管生产线

New Corrugated Pipe Extrusion Line for Ventilation System

应用领域: 新风波纹管内外层由不同性能的PE材料复合而成，双壁中空波纹结构设计，不仅可安装在天花板、吊顶结构中，同时波纹管的超强耐压性能也是混凝土安装的理想选择。新风波纹管独特的双壁中空波纹结构，具有防静电和抗菌的内涂层，内壁光滑、易清洁、摩擦小、隔音、保温。

Application: Corrugated pipe for air ventilation system is produced by two different PE material. Double wall corrugated pipe, and designed by hollow structure. It is easy to install in the ceiling and roofing. Also, this corrugated pipe has good performance to bear the cement. The pipe adopt special inner layer, smoothly, easy to clear, less resistance, sound-proof, insulation.

性能与特点: 金纬公司自主研发新型新风管生产线，前后对中精度高，针对新风管材料特性，专门开发了特有的模具结构，独特的水套更加适应新风波纹管系列。成型机采用新式立式水冷机，模块定位精准，更换方便。

Properties: The self-designed new corrugated extrusion line for air ventilation pipe system, with precision forward-and-backward aiming system, special extrusion die head and water sleeve structure to match special material. The corrugator is new model with water cooling system, precise aiming system and easy changing system for forming blocks.



主要技术参数 Main technical parameter

型号Model	管材外径OD. Range (mm)	设备长度LxWxH(m)	总功率(km)
JWXFG110	63, 75, 90, 110	25mx3.3mx3.2m	194

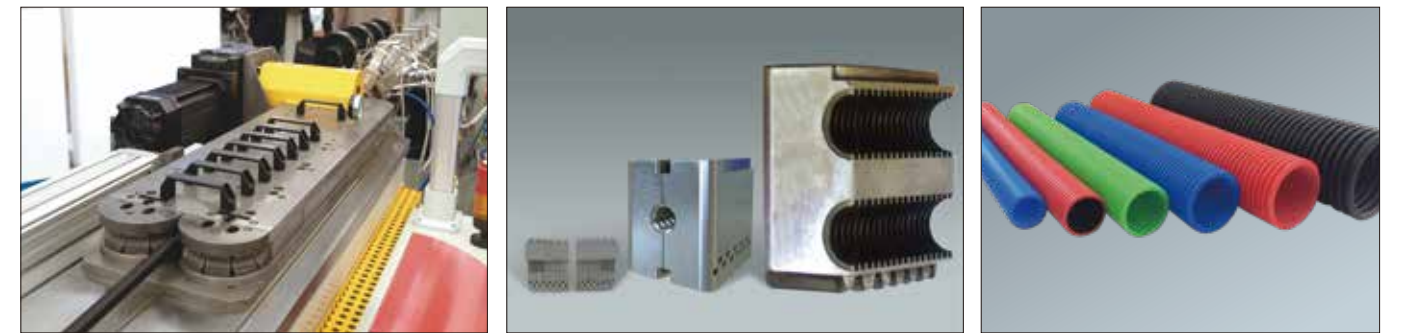
备注：以上规格参数如有变更，恕不另行通知。If there is any modification, customer will not be informed.

特种用途的单壁、双壁波纹管机组

Special Application Single-Wall and Double-Wall Corrugated Pipe Extrusion Line

性能和特点: 该设备生产出的管材，耐高温，耐腐蚀，而磨损，强度高。用于电气穿线管、汽车穿线管、护套管、机床产品、包装食品机械、电力机车、工程安装、灯具、自动化仪器仪表等领域，市场需求大。金纬公司特殊螺杆、模具的结构设计合理，更换模具方便可靠，解决了螺杆机筒易磨损及物料成形难的问题，生产线速度快，运行稳定，控制简捷易操作。

Properties: The pipe from this machine is anti-high temperature, anti-wear, and high strength, and it is widely used in electrical conduct, car conduct pipe, protective pipe, machine area and automatic meter area. With Jwell special design screw and advanced mould, the line is high speed, run stable and easy-control.



小型高速波纹管成型机
mini high speed corrugated
pipe forming machine

各种单壁双壁波纹管小型模块
various single & double wall corrugated
pipe forming machine



主要技术参数 Main technical parameter

型号Type	JWDPG-15	JWDPG-56	JWDPG-110
螺杆直径(mm)	Φ45	Φ45	Φ65
长径比(L/D)	33:1	33:1	33:1
总装机功率(kw)	40	50	80
管材规格(mm)	Φ4.5-Φ13	Φ13-Φ55	Φ60-Φ110
牵引速度(m/min)	1-24	1-24	1-8

备注：以上规格参数如有变更，恕不另行通知。If there is any modification, customer will not be informed.

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

性能和优点: 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。

Properties: By using the new type barrier 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.



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	160	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。If there is any modification, customer will not be informed.

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

挤出机型号 Model	螺杆直径 (mm) Diameter of screw	螺杆最高转速 Speed(rpm)	主电机 Motor(kw)	生产能力 Capacity (kgs/h)
SJZ-55	55/11	45	22/30	180
SJZ-65	65/1320	45	37	380
SJZ-80	80/156	34.7	55	500
SJZ-80A	80/173	37.6	75	680
SJZ-92	92/188	34.7	110	800
SJZ-95	95/192	34.7	132	1000
SJZ-110	110/220	40.1	160	1350

备注: 以上规格参数如有变更, 恕不另行通知。If there is any modification, customer will not be informed.

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

挤出机型号 Model	电机功率 Power (KW)	螺杆直径 Dia (mm)	最大转速 Speed (rpm)	长径比 (L/D)	最大产量 Capacity (Kg/h)	重量 Weight (Kg)
SJP75/28	45	75	45	28: 1	320	4100
SJP93/31	75	93	45	31: 1	420	4700
SJP110/31	110	110	45	31: 1	680	6500
SJP120/31	132	120	45	31: 1	850	7500
SJP135/31	160	135	45	31: 1	1100	8400

备注: 以上规格参数如有变更, 恕不另行通知。If there is any modification, customer will not be informed.

PO类管材挤出模具 PO Pipe Extrusion Die Head

单层挤出模具

- HDPE用于燃气、供水的压力管，直径可达1600mm
- PPR用于管径达160mm的热水管
- PERT、PEX用于地板采暖
- PA用于汽车油管和气管

Single layer extrusion mould

- HDPE suitable for gas supply, water supply pressure pipe, max diameter is 1600mm
- PPR suitable for 160mm hot water pipe
- PERT, PEX suitable for floor heating
- PA suitable for car oil pipe and gas pipe



多层共挤出模具

- 带EVOH阻氧层的三层共挤的热水管
- 带防摩擦或划伤的M-PP二层共挤非开挖管
- 带硅胶内层的三层共挤硅芯管
- 带不同PE100原料层的二层或三层共挤供水及燃气管，直径可达1600mm



Multi layers co-extrusion mould

- EVOH oxygen resistance layer with a three-layer co-extrusion of the hot water pipe
- M-pp double-layer co-extruded trenchless pipe with friction or scratch resistance
- Silicone inner layer with a silicon core pipe extrusion
- PE100 material with two or three layer co-extrusion water and gas pipes, with diameters up to 1600mm.



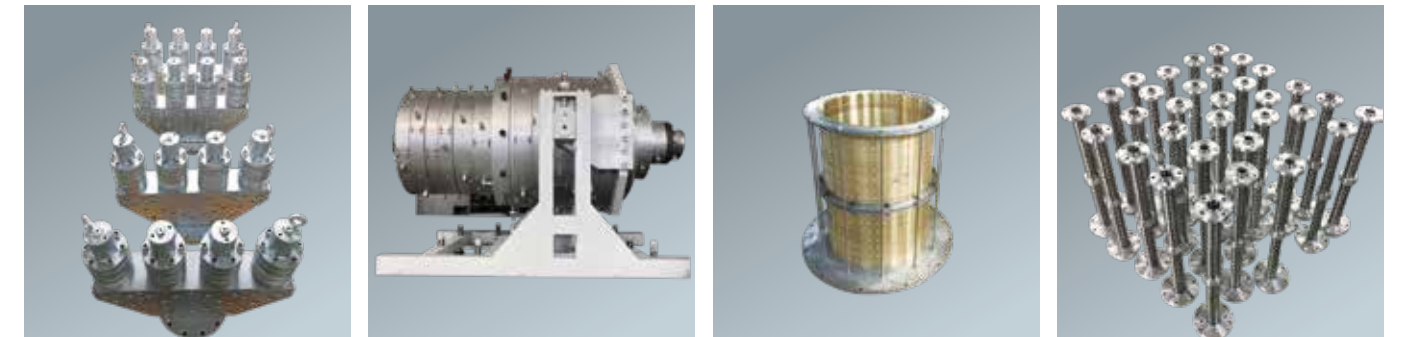
PVC管材挤出模具 PVC Pipe Extrusion Die Head

性能和优点: PVC挤出模具采用双支架设计及优化的流道设计使管材具有较强的抗冲击能力。挤出模具锥面分配器，适用于任何圆形截面的单层或多层挤出，顺畅的流道设计具有如下的优点:

- 提供更优良的流动性，让物料流动无死角
- 极低的压力损耗
- 较低的熔体温度
- 更换颜色时的流道快速清洁

Properties: PVC extrusion mould design and optimization of double-stent flow of the design to make pipes with strong shock resistance. Mould combined with concentric, cone distributor, suitable for any cross section of single-or multi-extrusion, smooth flow design have belows advantages:

- Providing high quality fluence, no any corner during fluent
- Lower consumption
- Lower melting temperature
- Clean runner quickly when changing color



主要技术参数 Main technical parameter

模具型号 Type	生产范围 Pipe spec (mm)	配套挤出机 Extruder	对应挤出量 Max.output (kg/h)
JWG-PVC160	Ø63 ~ Ø160	SJZ65/132	250 ~ 300
JWG-PVC250	Ø75 ~ Ø250	SJZ80/156	300 ~ 400
JWG-PVC400	Ø160 ~ Ø400	SJZ92/188	500 ~ 600
JWG-PVC630	Ø315 ~ Ø630	SJZ92/188	650 ~ 750
JWG-PVC800	Ø400 ~ Ø800	SJZ110/220	1000 ~ 1300
JWG-PVC1000	Ø500 ~ Ø1000	SJZ110/220	1000 ~ 1300

备注：以上规格参数如有变更，恕不另行通知。If there is any modification, customer will not be informed.

管材牵引机 Caterpillar Hall-off Unit

性能和优点: 对于不同直径管材和挤出速度要求, 我们开发了多种牵引机, 有2履带牵引机、3履带牵引机、4履带牵引机、6履带牵引机、直至最多达到16履带。牵引机可调范围宽, 运行稳定可靠、噪音小。

每一履带由单独的异步或者伺服电机驱动, 通过数字控制器保证各履带牵引速度的精确同步; 大容量的压紧气缸, 以及管材和履带之间超长的接触长度, 能保证很高的摩擦牵引力; 通过对1/2履带的可切换控制, 可以在直径很大和较小的管材之间互相切换, 牵引机工作范围大。

Properties: For different pipe diameter and extruder speed requirements, we designed all kinds of the Hall-off unit, have two caterpillars, three caterpillars, four caterpillars, six caterpillars until upto 16 caterpillars. The wide adjustable range for the Hall-off unit, running is stable and reliable, and small noise.

Each caterpillars by a separate asynchronous or servo motor drive, via digital controller keep the accuracy of the caterpillar speed synchronization. The large capacity compression air cylinder, contact length is overlength between the pipe and the caterpillar, can ensure a high friction tractive force. Based on the switchable control for the 1/2 caterpillar, can switch to each other between the big pipe diameter and small pipe diameter, large scope of working for the Hall-off unit.



用于管材挤出 For pipe extrusion

型号 Model	生产管材规格 Pipe Spec (mm)	牵引履带数量 Caterpillar No.	总功率 Motor Power(kw)
GQY-125	Ø16 ~ Ø125	2	3
GQY-160	Ø50 ~ Ø160	2	4
GQY-315	Ø75 ~ Ø315	4	4.5
GQY-450	Ø110 ~ Ø450	6	5.5
GQY-630	Ø200 ~ Ø630	6	7.5
GQY-800	Ø315 ~ Ø800	6	7.5
GQY-1600	Ø800 ~ Ø1600	12	15

备注: 以上规格参数如有变更, 恕不另行通知。If there is any modification, customer will not be informed.

全自动管材切割机 Automatic Pipe Cutter

性能和优点: 主要应用于HDPE、PP、PPR、PE-RT等多种塑料管材的定长切割。无屑切割可以保持生产环境清洁、无噪音。切口光滑整齐, 提高了管材的外观质量。快速切换适用于不同的管材和不同的物料。行星切割采用进口PLC控制, 机械进刀切割, 采用特殊硬质合金刀片, 适用于大口径厚壁管材的切割。

Properties: Mainly used for cutting the HDPE, PP, PPR, PE-RT pipe. Chipless cutter can protect the environment because there is chipless during the cutting and there is no noise. The cutting surface of the pipe is smooth and elegance. It is suitable for cutting the pipes made by different materials and in different diameters.



高速无屑切割机
High-speed No-dust cutter

无屑切割机参数表 Technical data for No-dust cutter

设备型号Type	GFQ63	GFQ315	GFQ630	GFQ800	GFQ1000	GFQ1200	GFQ1600
切割范围 (mm) Cutting range	20-63	75-315	315-630	400-800	500-1000	630-1200	800-1600
最大厚度(mm) Max. thickness	12	30	60	70	70	88	88
功率(kw) Power	1.5	4	5.5	7.5	7.5	7.5	7.5
备注 Remark	实壁管	实壁管	实壁管	实壁管	实壁管	实壁管	实壁管

备注: 以上规格参数如有变更, 恕不另行通知。If there is any modification, customer will not be informed.

管材线下游设备 Downstream Parts for pipe line

管材破碎机 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 Main technical parameter

型号 Model	主轴有效宽度 Width	主轴旋转直径 Diameter	参考生产能力(kg/h) Output
DYPS-450	450mm	300mm	200
DYPS-560	560mm	400mm	300
DYPS-700	700mm	500mm	400
DYPS-Z800	800mm	600mm	500
DYPS-Z1000	1000mm	700mm	700
DYPS-Z1200	1200mm	800mm	1000

备注：以上规格参数如有变更，恕不另行通知。If there is any modification, customer will not be informed.

管材撕碎和破碎机组 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 Main technical parameter

型号 Model	电机功率 Motor power	主轴宽度 Spindle width	主轴直径 Spindle diameter	定刀数量 Number	动刀数量 Number	产能 Capacity (kg/h)	配套破碎机 Matching crusher
DYSSG-630	2*30	630	848	4	57	600	DYPS-800
DYSSG-800	2*37	800	1028	5	96	800	DYPS-1000
DYSSG-1000	2*45	1000	1258	6	145	1200	DYPS-1000
DYSSG-1200	2*55	1200	1478	7	204	1500	DYPS-1200
DYSSG-1600	2*110	1600	1968	9	316	2500	DYPS-1200

备注：以上规格参数如有变更，恕不另行通知。If there is any modification, customer will not be informed.

PVC双螺杆造粒挤出生产线 PVC Twin Screw Extruder Pelletizing Extrusion Machine

性能和优点: 该机组是由系列锥形双螺杆挤出机与相应造粒辅机组成的成套设备，主要适用与PVC、PE类粉料添加木粉或填充料的造粒。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。

Properties: This pelletizing machine is composed by a conical twin-screw extruder and the correspondingly pelletizing downstream equipment, it is suitable for the pelletizing of PVC, PE raw materials with wood powder or other additives. The pellets produced by this machine is evenly, solid, elegant. 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.



主要技术参数 Main Technical Parameters

主机型号 Model	螺杆规格 Specifications(mm)	颗粒规格 Specifications(mm)	主电机功率 Power of main motor(Kw)
SJZ65	65/132	φ3-φ4	37
SJZ80	80/156	φ3-φ4	55
SJZ92	92/188	φ3-φ4	110

备注：以上规格参数如有变更，恕不另行通知。If there is any modification, customer will not be informed.

JWGK系列全自动PVC管材扩口机

JWGK Series Automatic PVC Pipe Belling Machine

性能和优点: 该扩口系统采用欧洲先进技术, 用于PVC实壁管和双壁波纹管, 扩口形式有: 矩形扩口和U型、R型扩口。控制采用日本三菱PLC程序自动控制, 稳定可靠, 扩口模具采用液压驱动。主要生产范围为Φ32-Φ800。

Properties: The belling system adopts the advanced European technology used for PVC solid wall pipe and double-wall corrugated pipe. Belling type are rectangular type, U type and R type. Automatic control uses the Japanese mitsubishi PLC program control which is stable and reliable. Belling die adopts hydraulic drive. Main production range is Φ 32 - Φ 800.



主要技术参数 Main technical parameter

型号Type	JWGK110	JWGK250	JWGK450	JWGK630	JWGK800
扩口管直径 Dia (mm)	Φ 32~Φ 110	Φ 63~Φ 250	Φ 163~Φ 450	Φ 163~Φ 630	Φ 630~Φ 800
液压额定压力 Hydraulic pressure rated (mpa)	3Mpa	3Mpa	5Mpa	5Mpa	5Mpa
压缩空气 Compressed air (mpa)	0.4Mpa	0.4Mpa	0.4Mpa	0.4Mpa	0.4Mpa
总功率 Power (kw)	10Kw	20Kw	25Kw	40Kw	60Kw

备注: 以上规格参数如有变更, 恕不另行通知。If there is any modification, customer will not be informed.

JW-HL系列PVC混料机组

JW-HL Series PVC Mixers

性能和优点: DYHL系列混料机组采用PLC控制, 主要适用于各种树脂如聚乙烯、聚丙烯、聚氯乙烯等的配料、混合、着色、干燥, 以及ABS、聚碳酸酯等工程塑料成型加工前的干燥, 脱挥等工艺, 也可用于酚醛树脂的混合。该机组将热与冷混工艺结合在一起, 完成热混的物料自动进入冷混使其冷却, 排除残余气体, 并可防止结块。

Properties: DYHL series mixer adopts PLC control, which combined machine units mainly used batching, mixing, coloring and drying for various resins, such as polythene, polypropylene and PVC, as well as the drying and devolatilization process of engineering plastics such as ABS and polycarbonate before shaping. It also can be used for phenolic resin. This unit has combined the technology of hot mixing and cool mixing, which can let the material enter cool mixing after hot mixing automatically so as to cool it and removal of residual gas to prevent blocking.



主要技术参数 Main technical parameter

型号 Model	SRL200/500	SRL300/600	SRL500/1000	SRL800/1600	SRL800/2500	SRL1000/3000
形式 Type	立式/vertical	立式/vertical	立式/vertical	立式/vertical	卧式/horizontal	卧式/horizontal
容积 Capacity (L)	200/500	300/600	500/1000	800/1600	800/2500	1000/3000
有效容积 Effective capacity(L)	150/320	225/380	330/750	600/1050	600/1500	700/2100
电机功率 Motor (KW)	30/42/11	40/55/11	55/75/15	83/110/22	83/110/30	110/160/30
产量 Output(kg/h)	330	495	825	1050	1320	1650

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挤出机械物联网+智能制造解决方案

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



特种管材设备介绍

Speical Pipe Line

金纬管道基于多年的管材挤出生产经验，还可以对如下部分特种管材设计

ABS/PP 卷芯管生产线 ABS/PP winding core tube extrusion line

采用ABS/PP等塑胶原料生产的多种尺寸规格的管材，对制品内外表面的尺寸精度和光亮度以及壁厚公差要求非常严格。应用于收卷高档膜材片材的卷芯、工艺品、化工环保设备部件等特殊领域。

ABS/PP etc materials pipe has various sizes, the dimensional accuracy, brightness and wall thickness tolerance of the inner and outer surfaces of the product are very strict. It is used in special fields such as winding cores, handicrafts, and chemical environmental protection equipment parts for winding high-grade film sheets.



HDPE 多层共挤硅芯管 HDPE Multi-layer Co-extrusion Silicon Core Pipe Line

由多台挤出机同步共挤的新型复合管道，主要原材料为高密度聚乙烯，芯层内壁为摩擦系数最低的固体润滑剂硅胶质，密封性能好，耐化学腐蚀，应用于光纤电缆通信网络系统。

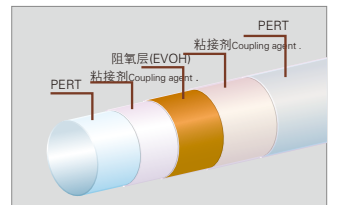
HDPE-Silicon duct Multi-layer co-extrusion pipe is new composite pipe by multi extruder co-extrusion, the main raw material is high density polyethylene, core layer is the lowest friction coefficient of the solid lubricant silicone resin, better sealing performance, chemical corrosion resistance, widely used in optical cable communication network system.



EVOH 多层阻氧管 EVOH Anti-Oxygen Multi-layer Pipe Production Line

有三层结构和五层结构，具有出色的耐候性和遮光阻氧双重功能，能有效抑制系统中的微生物，防止供暖系统中的内部金属部分腐蚀生锈。主要用于直饮水系统以及采暖管道系统等。

EVOH Anti-Oxygen multi-layer pipe has three layers and five layers structure, it has high weather resistance and blocking oxygen function. Stopping the microorganism go inside the pipe, preventing the corrosion of the metal part in the heating system. Mainly used for direct drinking water system and heating pipeline system, etc.



PE 方形管 PE Square pipes

经过特殊设计的方形管材线可以用于生产矩形、方形特种管材，该管材可广泛应用于花园护栏、围栏等各种支撑。

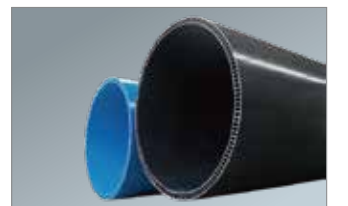
PE square pipe extrusion line is special designed for production of square pipes, rectangle pipes, etc. Such kind pipes are widely used for garden fence products.



PVC 双层中空管生产线 PVC double-layer hollow tube production line

以PVC-U树脂为主要原料，添加助剂配方挤出成型。大口径双层中空管主要用于埋地排水。该类管材也适用于公共建筑室外排水、工业排污，以及市政、住宅小区的埋地排污，埋地无压农田排水。

PVC-U resin is used as the main raw material, and an additive formulation is added for extrusion molding. The large-diameter double-layer hollow tube is mainly used for underground drainage. This type of pipe is also suitable for outdoor drainage of public buildings, industrial sewage, and buried non-pressure farmland drainage.



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