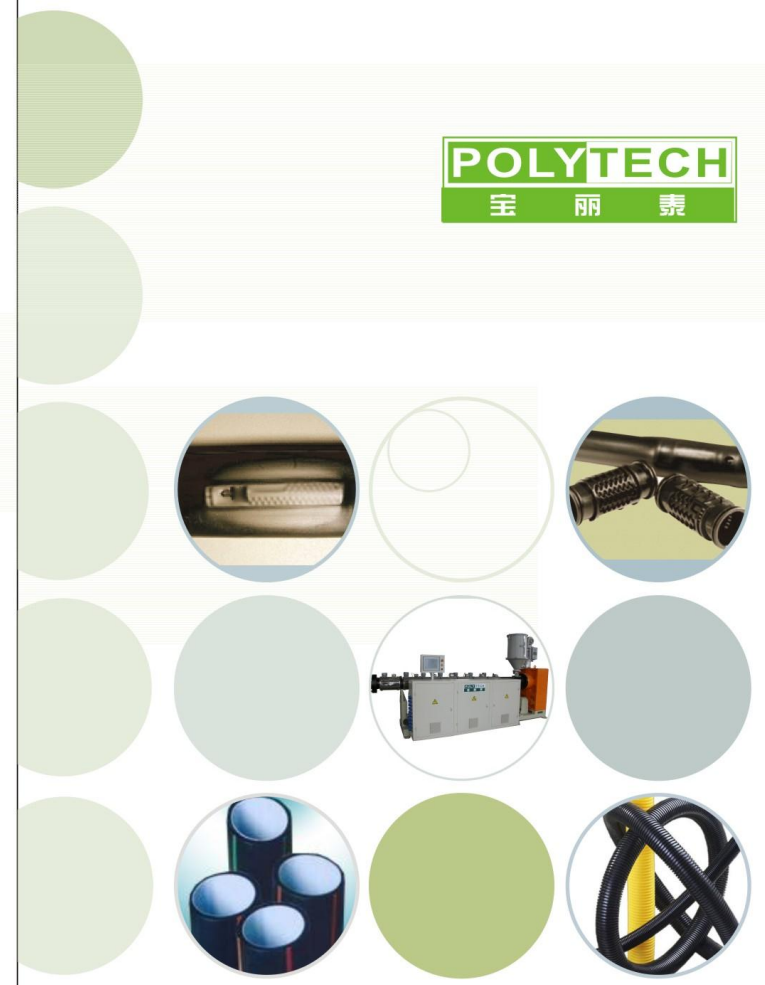




杭州宝丽泰塑胶机械有限公司  
Hangzhou Polytech Plastic Machinery Co., Ltd.

地址: 杭州市余杭区瓶窑镇凤都机械 功能区观山路7号	邮编: 311115	Address: Guanshan Road No. 7, Fengdu Machinery Industrial Zone, Post code: 311115 Pingyao Town, Yuhang District, Hangzhou, China
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## THE ROUND DRIPPER INLET IRRIGATION PIPE LINE 内镶迷宫式滴灌管生产线

● 杭州宝丽泰塑料机械有限公司在原内镶迷宫式滴灌管生产线基础上，吸收消化国内外最先进同类生产线技术，开发出第三代该产品的挤出生产线，该生产线具有挤出速度快，打孔精度高，性价比更好的优点。

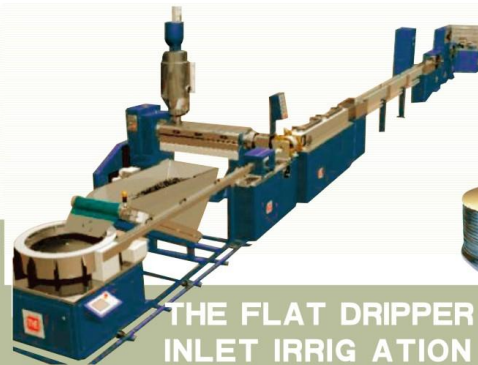
可生产滴灌管规格：DN6.8, DN12, DN16, DN20 管壁厚：0.5-1.5mm  
滴头间距：200-1000mm 打孔频率：最大 300  
滴头输入速度：最大400个/每分 整条生产线速度：120 米/每分

● Hangzhou POLYTECH Plastic Machinery Company absorbed and digested the advanced production technology home and abroad based on our former round dripper irrigation pipe production line, developed the third generation for this extrusion line. This line has the advantages of high extruding speed, precious punching, better cost-saving and so on.

Product specification: DN6.8, DN12, DN16, DN20  
Pipe thickness: 0.5-1.5mm  
Dripper space: 200-1000mm  
Punching speed: max 300 pcs/min  
Emitter inserting speed: max 400 pcs/min  
The entire line speed: 120 m/min



应用实例  
Application examples



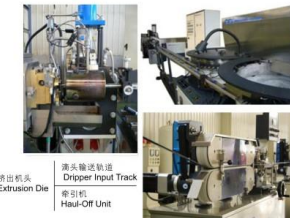
● 我公司开发的滴灌带生产线，具有滴头间距可调的特点。该线主要由以下几部分组成：高速滴头筛选装置，高效稳定的嵌入装置，高效挤出机、模具、定型及冷却装置、双牵引装置、检测及打孔装置和自动收卷装置等。其中打孔装置能高速打孔，无残留渣屑。收卷为双盘自动定长收卷，并能自动切断，确保生产高速及质量的可靠。



## THE FLAT DRIPPER INLET IRRIGATION PIPE LINE 贴片迷宫式滴灌管生产线

● The latest flat dripper irrigation pipe line which developed by Hangzhou POLYTECH Plastic Machinery Corporation has high efficiency. The space between each dripper can be adjusted according to the client's needs. The whole line consists of the following parts: high-speed dripper sorting system, high-speed inserting device of the dripper, high-efficient extruder, extrusion dies and calibration mould, calibration system and cooling system, double haul-off unit, detecting and punching device, auto-winder system. The punching system can work with high speed without the chip left. The winder system is a double station auto-winder with the length metering, and also can cut the pipe automatically. All mentioned parts ensure the high speed and reliability of the line.

生产线速度 (Production speed) 80-120m/min	产品直径 (Product diameter) Φ12, Φ16, Φ20
产品壁厚 (Product thickness) 0.2-1.0mm	滴头类型 扁平型 (Dripper type: flat)
滴头流量 (Dripper flow) 2L/hr, 4L/hr	滴头间距 (Dripper space) 0.20-2.50m
总装机容量 (Power) 85kw	生产线中心高 (Center height of production line) 1000mm

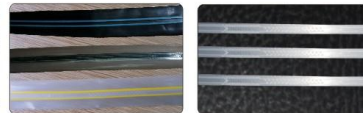


挤出机头  
Extrusion Die  
滴头输送轨道  
Dripper Input Track  
牵引机  
Haul-Off Unit



## LABYRINTH STRIP EMBEDDED DRIP IRRIGATION PIPE EXTRUSION LINE 内镶连续贴条式滴灌带挤出生产线

内镶连续贴条式滴灌带生产线由两台挤出机分别挤制PE软管与内镶连续贴条，一次性挤出熔接而成，无缝隙、无毛边，减少了受压爆裂的可能性。该线同类设备相比主要优势在于冷却速度快，加工精度高两个方面，稳产速度已经达到150米/分。无滴头结构使得产品方便收卷，壁厚可以降至0.12-0.15毫米，从而极大程度降低了农民的成本。整线采用世界先进的“西门子”触摸屏及PLC模块电脑控制系统，控制精度高，操作简便。

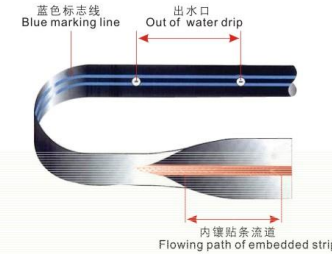


Labyrinth strip embedded drip irrigation pipe extrusion line has two extruders. One used for producing PE tube, another for producing inner strip. One-time extrusion and welding, no juncture, no rough edges, reduce the possibility of pressure crack. Compare with the similar equipments, this extrusion line has the advantages as the follow: high cooling speed and high processing accuracy. The stable production speed is 150m/min. It is quite easy winded because no-dripper inside, and the min thickness of 0.12-0.15mm is available. Compared with the dripper irrigation tape, farmers do not need invest a lot for this kind of product. The whole line adopts the "Siemens" touch screen and PLC control system, high control precision and easy operation.

直径 Diameter	壁厚 Thickness	生产速度 Production speed	装机容量 Power	挤出机驱动功率 Driven power	成型轮驱动功率 Forming wheel power
φ12、φ16 mm	0.12-0.6 mm	120-150 m/min	100kw	55kw	1.5kw



模具特殊流道设计，使内条与PE管良好粘合，挤出的管材具有无缝高强度的结构。  
Extrusion mould with special design runner, make the inner strip bonding well with the PE tube. The final tube is seamless and high intensity structure.



双盘收卷机螺杆排线，气动张力控制，自动换盘定长自动切割，方便快捷。  
Double station winder equips with screw rod cable pneumatic tension control, automatically change the reel and cutting with fixed-length, convenient operation.



胶带式牵引机，进口“伺服”驱动，牵引平稳快速，牵引速度-150m/m1n。  
Belt tractor with servo motor, Traction is steady and rapid, the speed is ~150m/min.

内镶连续贴条式滴灌带广泛应用于温室大棚、大田经济作物及经济林木等各类滴灌工程，如蔬菜、花卉、茶园、果树等。应用效果极佳：1. 节水、节肥、省工； 2. 控制地表温度和湿度，减少害虫侵害； 3. 保持土壤结构； 4. 改善品质、增产增效。



Labyrinth strip Embedded drip irrigation pipe is widely used in greenhouse cash crop, farmland cash crop and economic trees' irrigation, such as irrigation for vegetable, flower and plant, tea garden and fruit. Application effect is excellent: 1. Water saving, fertilizer save and labor saving. 2. Control the earth surface temperature and humidity, reduce insect pests' damage. 3. Keep the soil structure. 4. Improve the quality, Increase Production and synergy.



● 杭州宝丽泰塑胶机械

有限公司设计、制造的管材生产

线，已广泛应用在工业与民用给排水系统、灌溉系统、热工系统、通讯系统和气体输送系统

等领域的管道生产之中，管道品种涉及单层及多层复合管。

多年来对塑料挤出加工系统的研究和对高分子材料性能的掌握，

是我们在该领域保持技术领先的坚实基础。我们的目标

是确保制品性能的前提下达到产量的极大化。



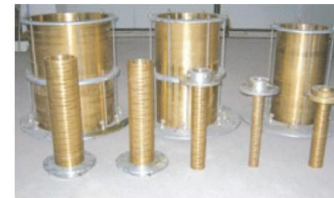
## POLYOLEFINE PIPE EXTRUSION LINE 聚烯烃管材生产线

● The pipe extrusion line designed and made by Hangzhou POLYTECH Plastic Machinery Corporation is widely used in producing pipes for industrial,civil water supply and drainage system,irrigation system,pyrology system,communication system,gas transportation system and other field.The variety of pipes involved in mono-layer and multi-layer pipes.We keep ahead in this filed and continuous researchments.Our goal is ensuring the properties of products and getting huge output with same condition.

生产以下各种管材： This extrusion line can produce all kinds of plastic pipes as follows:

压力管	Pressure pipe (HDPE)	~710mm	工业用压力管	Industrial pressure pipe	~400mm
燃气管	Gas-fired pipe (HDPE,MDPE)	~400mm	热水管	Hot-water pipe (PP-R,XPPE)	~160mm
灌溉管	Irrigation pipe (LDPE,LLPE)	~160mm	多层复合管	Multilayer composite pipe	~400mm

Parameter 参数 规格 Specification	主机螺杆 直径 Extruder screw diameter (mm)	长径比 L/D	主机驱动 功率 Drive power (kw)	最大产量 Max capacity (kg/hr)	真空定型 长度 Length of vacuum (mm)	冷却长度 (mm) Cooling length	牵引 方式 Haul-off method	切割 方式 Cutting method	管材规格 Pipe specification (mm)
SJG-63/16	Φ65	30: 1 33: 1	37	~120	6000	6000	双履带 Two tracks	锯片式 Saw cutting	Φ16-63
SJG-160/50	Φ90	30: 1 33: 1	75	~250	6000	12000	双履带 Two tracks	锯片式 Saw cutting	Φ50-160
SJG-250/90	Φ120	30: 1 33: 1	110	~380	8000	12000	三履带 Three tracks	行星切割 Planet cutting	Φ90-250
SJG-450/200	Φ150	30: 1 33: 1	160	~480	8000	18000	四履带 Four tracks	行星切割 Planet cutting	Φ200-450



挤出模具：

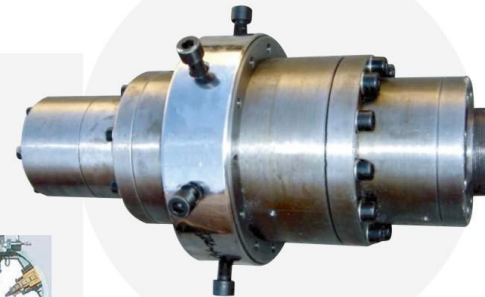
● 螺旋分配型或盖式分流体，大流动空间保证了熔体有足够的停留时间。低熔融温度的最佳设计，使管材内的内应力小，内外表面光滑。

特殊定径套（材质为特殊的铜合金）适用于HDPE、MDPE、LDPE、LLDPE、PP等。



● 真空定径箱区段设有密集和更强劲的喷淋头布局。六爪牵引机通过中央马达驱动所有履带可达到高度的同步效果。

● Vacuum calibration tank with intensive and stronger spray head layout.Six-claw caterpillar haul-off machine driven by central motor to achieve high synchronization.



Extrusion Die:

● Spiral distribution or basket distribution structure,the space of flow to ensure the melt has sufficient residence time and low melting temperature processing.All this designs made the pipe with small stress and smooth surface.

Special calibration sleeves(material is special copper alloy)suitable for HDPE、MDPE、LDPE、LLDPE、PP etc.

质量第一  
High quality

信誉至上  
Well-known credit

价格优惠  
favourable price

服务周到  
Considerate service



## UPVC PIPE EXTRUSION LINE UPVC管材生产线

● 杭州宝丽泰塑胶机械有限公司利用国际先进技术并结合国内挤出行业的特点开发的UPVC、CPVC管材生产线，体现了外观造型和内在质量的完美结合，真空定型台气密性极佳，牵引平稳，切口平整。生产线已广泛用于工业与民用给排水、电力、通讯、线缆敷设等领域，管道品种涉及单壁、芯层发泡、内螺旋管，挤出形式有单管、双管和复合多种形式。

● Hangzhou POLYTECH Plastic Machinery Corporation uses the international advanced technique, develops UPVC, CPVC pipe line which incarnates perfect combination of appearance styling and inner quality. Vacuum calibrator platform has excellent sealing properties, tractor has excellent steadiness, cutter has a clear finish. The line has been widely used in industry and water supply, drainage, electric power, communication, cable laying and other fields. The variety of pipe relates to single wall, core layer foaming, inner spiral pipe, there are single pipe and compounding pipe and various extrusion forms.

Parameter 规格 Specification	主机螺杆 直径 Extruder screw diameter (mm)	主机驱动功 率 Drive power (kw)	最大产量 Max capacity (kg/hr)	真空定型 长度 Length of vacuum (mm)	牵引 方式 Haul-off method	切割 方式 Cutting method	管材规格 Pipe specification (mm)
SJG-110/50	51/105	22	~180	4000	双履带 Two tracks	锯片式 Saw cutting	Φ50-110
SJG-200/160	65/132	37	~250	4000	三履带 Three tracks	锯片式 Saw cutting	Φ160-200
SJG-400/250	80/156	55	~380	6000	四履带 Four tracks	行星切割 Planet cutting	Φ250-400
SJG-630/400	92/188	90	~600	6000	六履带 Six tracks	行星切割 Planet cutting	Φ400-630



锥形双螺杆挤出机  
人机界面的操作系统，硬齿面齿轮分配箱，进口止推轴承，特殊设计的冷却系统。  
PLC operation system, hard gear box, imported thrust bearing, special design cooling system



多履带牵引机  
Multi-Caterpillar Tractor



全自动行星切割机  
Full Automatic Planet Cutter

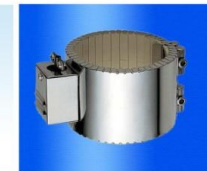
## EXTRUSION LINE UPVC管材生产线



特殊设计、加工处理的双金属螺杆  
Special design and processed bi-metal screw



挤出模具  
Extrusion mould



加热器  
Heater



加热器  
Heater

质量第一  
High quality

信誉至上  
Well-known credit

价格优惠  
favourable price

服务周到  
Considerate service



## SINGAL WALL CORRUGATED PIPE EXTRUSION 单壁波纹管生产线



● 单壁波纹管以PE、PP、PA为原材料挤出成型，适用于生产电线、电缆穿线管、洗衣机、吸尘机管、通风管、汽车线束管、装饰灯具波纹管等。管材生产范围Φ6-100mm。

● This line can produce PE,PP or single-wall corrugated pipe. This kind of pipes are mainly used in electrical wire, cable, draining for washer, dust collector and automobile, exhausting pipe, lighting decorations, etc. Pipe range: Φ6-100mm.



## NYLON AND TPU PIPE EXTRUSION 尼龙及TPU管生产线

该生产线结构合理紧凑，生产效率高，采用尼龙及热塑性聚氨酯专用螺杆解决了物料难以挤出成型的关键问题，连续运行稳定，操作简单。由于该制品耐高温，耐腐蚀，表面光亮强度高，广泛用于汽车刹车油管，燃料输送管仪表线，空调系统等。生产管径范围Φ6-32mm。

This line features a compact structure,a high productivity,a stable performance,a user-friendly interface. By adopting the especially designed screw for nylon and thermoplastic polyurethane, it solved the common processing problem associated with nylon and thermoplastic polyurethane. The pipes, with its characteristic of anti-corrosion, high temperature resistance, shiny surface, are widely used for brake oil pipe in car, transfusion for liquid and fuel, air conditioning system etc. Pipe range: Φ6-32mm.



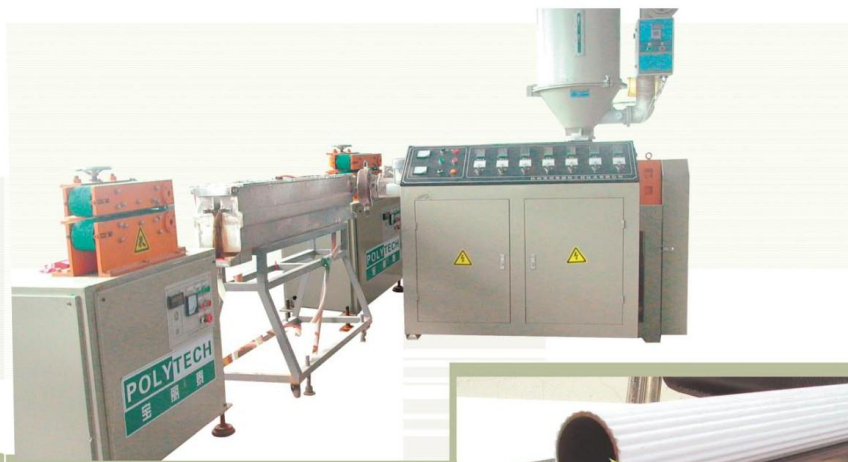
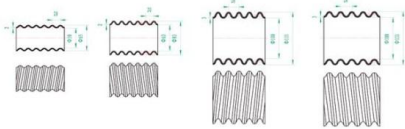


● 本机组适用于生产聚乙烯塑料与碳素构成的碳素纤维管。碳素纤维管因其特殊的形体结构和原材料构成，具有高强度，高韧性，耐腐蚀，质量轻，寿命长，不易变形等诸多优点，是铸铁管、橡胶管和PVC管的理想替代品，广泛应用于农业灌溉（吸排水）、电缆外套保护等领域。

## PE CARBON SPIRAL EXTRUSION PE碳素螺旋管生产线



● This extrusion line is designed for producing carbon spiral fiber pipe which is made of polyethylene and carbon fiber. With its special structure and raw material, carbon spiral pipe features strength, toughness, anti-corrosion, light weight, long serving life, and non-deformation. It is an ideal replacement for casting iron pipe and PVC pipe. Carbon spiral pipe is widely used in irrigation system (draining and water supplying) and cable protecting pipe, etc.



铁管外部包覆塑料  
coated by plastic  
原铁管截面  
Iron pipe cross section

## PLASTIC COATING EXTRUSION 包覆挤出生产线

宝丽泰公司设计的包覆挤出生产线，主要用于钢管及其他材质外层的塑料包覆。外层包覆主要以PVC, PE, ABS等不同塑料，内芯可以普通铁管，不锈钢管，铝管等不同材质。生产产品适用于户外和室内等不同场合，在装饰、保温、防腐等领域得到广泛应用。

This plastic coating extrusion line designed by POLYTECH Co., Ltd is designed for coating a PVC, PE or ABS layer around common iron pipe, stainless steel pipe and aluminium pipe etc. Plastic coating pipe is suitable for both outdoor and indoor applications, especially for decoration, heat insulation, anti-corrosion.



管材破碎机  
Pipe crusher



板材破碎机  
Plate crusher



喷码机  
Inkjet printer

**辅助设备**  
AUXILIARY MACHINE



PVC管材全自动扩口机  
PVC pipe auto bell machine



砂光机  
Sander



风冷箱式冷水机组  
Air cooling chiller



模温机  
Mold temperature controller



自动换网器  
Auto screen changer

**公司简介**  
Company profile

杭州宝丽泰塑胶机械有限公司，是在杭州高新技术产业开发区注册登记的国家级高新技术企业。以浙江大学为依托，在消化吸收欧洲先进的塑料挤出加工经验基础上，坚持以先进的产品和技术，高质量的制作工艺和设备，不断开发创新，以满足客户的各类要求。公司设有自己的研究、开发、制造中心，业务包括塑料的成套挤出设备，挤出板材及管道系统的加工、开发、制造等三方面，在上述提及的各个领域，我们将竭尽全力为客户提供适时周到的服务和全面的技术支持。

我公司提供的产品包括：

- |                  |                |
|------------------|----------------|
| 1、波浪瓦挤出生产线       | 2、琉璃瓦挤出生产线     |
| 3、WPC木塑复合材料挤出生产线 | 4、塑料建筑模板生产线    |
| 5、包覆挤出生产线        | 6、塑料仿藤条挤出生产线   |
| 7、塑料异型材挤出生产线     | 8、塑料板材/片材挤出生产线 |
| 9、塑料管材挤出生产线      | 10、塑料制品        |

About us

Hangzhou Polytech plastic machinery Co.,Ltd is a national high-tech enterprise registered in Hangzhou Hi-tech Development Zone.Incorporating with Zhejiang University and absorbing the rich experience,developing technology of polymer extrusion from Europe,We pledge to adopt advanced process techniques and high quality equipments to develop innovative products,in order to satisfy customer's special needs.We have our own R&D team and manufacture centers.Our business scope includes three main areas:full sets of extrusion equipments,plastic sheet extrusion and pipe extrusion system.Our staff which consists of devoted managers and experienced engineers is always there to provide you with full-quality services and full-range technical support.

- |                                  |  |
|----------------------------------|--|
| 1.Roofing Sheet Extrusion Line   | 2.Glazed tiles Extrusion Line                  |
| 3.WPC Extrusion Line             | 4.Plastic Construction Formwork Extrusion Line |
| 5.Plastic Coating Extrusion Line | 6.Plastic Cane Extrusion Line                  |
| 7.Plastic Profile Extrusion Line | 8.Plastic Plate/Sheet Extrusion Line           |
| 9.Plastic Pipe Extrusion Line    | 10.Plastic Products                            |



Ce认证  
Certificate of Compliance



质量管理体系认证证书  
Quality Managements System Certificate



质量管理体系认证证书



实用新型专利证书  
Certificate of Utility Model Patent

质量第一  
High quality


信誉至上  
Well-known credit

价格优惠  
favourable price

服务周到  
Considerate service



## 特殊用途管材生产线

 杭州宝丽泰塑胶工程技术有限公司

POLYMER ENGINEERING & TECHNOLOGY CORP.,LTD.

杭州宝丽泰塑胶工程技术有限公司设计、制造的特殊用途管材生产线，产品涉及到工业、民用、建筑等领域。主要有建筑排污用大口径中空双壁缠绕管生产线，家用电器类塑料用管生产线，汽车配套用线缆、线束用护套管、复合管生产线，医用输液管生产线等。



大口径中空双壁缠绕管生产线