



塑料挤出 Plastic Extrusion

江苏欣荣科技发展有限公司

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XINRONG 江苏欣荣

企业简介

江苏欣荣科技发展有限公司成立于1996年,公司生产基地占地50000多平方米 ,现代化办公和生产厂房35000多平方米,拥有经验丰富的高素质员工队伍、一流的设备、完善有效的质量保证体系、先进齐全的检测设备。

Company Brief Introduction

Jiangsu Xinrong Science & Technology Development Co., Ltd. was founded in year 1996. The factory area is more than 50000 square meters. Modern office building and workshop take up more than 35000 square meters. The company prides in its experiences and high quality staffs, first class manufacturing facilities, complete and effective quality guarantee system, advanced and complete detecting instruments.



About Company

企业面貌



技术探讨 Technical Communication



成品车间一角 Inside Production Workshop

High Precision Process Toolings

高精度加工设备

公司导入现代化管理理念，采用严格的质量保证体系，以为客户提供优质服务和满足用户最大需求为己任，在生产过程中强化对各种阶段产品的检验和试验，确保客户满意。

The company induces the modern management idea and uses the strict quality assurance system. The thinking providing user the high-quality service and meeting the user biggest need is own duty. It strengthens in the production process to each kind of stage product examination and the experiment to guaranteed customer's satisfaction.



数控加工中心 CNC Tooling Machines



数控割床 CNC Cuttings



产品:塑料管材设备,型材设备,片/板材设备等

Production: Plastic Pipe Machines, Profile Machines, Sheet/Board Machines, etc.



Honor & Quality Certificate

荣誉与资质

所有欣荣人珍爱多年来精心培育的企业品牌，珍惜每一份来之不易的荣誉，并将演化为企业奋进的澎湃动力。

All XINRONG people love dearly the company's brand taken meticulous care of by years, treasure all honors not easily won and take it pure power for company to advance bravely.



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PE管材高速高效生产线

PE Pipe High Speed Extrusion Line

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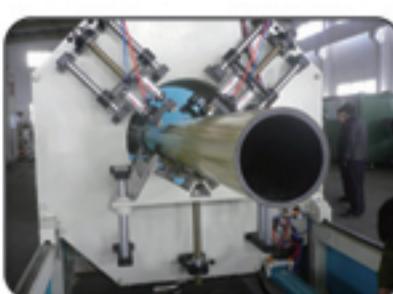
主要技术特点

- ◆ 采用先进的欧洲技术，根据多年的塑料机械研发和生产经验，欣荣开发的(高中低档及特种)PE管材挤出生产线，设计先进，结构合理，整线操作自动化程度高，可靠性强。
- ◆ 挤出机的特殊机筒喂料结构可大幅度提高挤出量。
- ◆ 温控精准，塑化良好，运行平稳。
- ◆ 整线采用PLC控制系统，实现同步和自动化。
- ◆ 人机交互界面，操作直观、方便可靠。
- ◆ 螺旋式和筛篮式模具供您选择。
- ◆ 无屑切割机和锯片式切割机供您选择。
- ◆ 改变部分单元可以提供二层或多层复合管材的共挤。
- ◆ 改变部分单元可以生产PP、PB等管材。

Main Technical Features

◆ PE pipe extrusion line is developed by XinRong based on European advanced technology and R&D experience of the plastic machinery for many years. Advanced design, reasonable structure, high reliability ,high degree automation of the complete line.

- ◆ Extruder with special barrel feeding structure can largely improve extrusion capacity.
- ◆ Accurate temperature control, good plasticization, stable operation.
- ◆ The complete line adopts PLC control system, realizing synchronization and automation.
- ◆ Human-computer interface is easy to operate, convenient and reliable.
- ◆ Spiral and lattice basket type die head for choice.
- ◆ Dust-free knife cutter and saw cutter for choice.
- ◆ Changing some parts of the line can also realize two-layer and multi-layer co-extrusion.
- ◆ Changing some parts of the line can also produce PP,PB pipes.



主要技术参数 Main Technical Parameter

型号 Model	生产管材范围 Pipe Range(mm)	挤出产量 Output Capacity(kg/h)	总装机功率 Main Motor Power(kW)
PE63	Φ 16~Φ 63	150~300	45~75
PE110	Φ 20~Φ 110	220~360	55~90
PE160	Φ 50~Φ 160	300~440	75~110
PE250	Φ 75~Φ 250	360~500	90~132
PE315	Φ 90~Φ 315	440~640	110~160
PE450	Φ 110~Φ 450	500~800	132~200
PE630	Φ 250~Φ 630	640~1000	160~250
PE800	Φ 315~Φ 800	800~1200	200~355
PE1000	Φ 400~Φ 1000	1000~1500	250~355
PE1200	Φ 500~Φ 1200	1200~1800	355~(250x2)
PE1600	Φ 710~Φ 1600	1800~2400	(250x2)~(355x2)
PE2000	Φ 800~Φ 2000	2400~3000	(355x2)~(355x2+160)

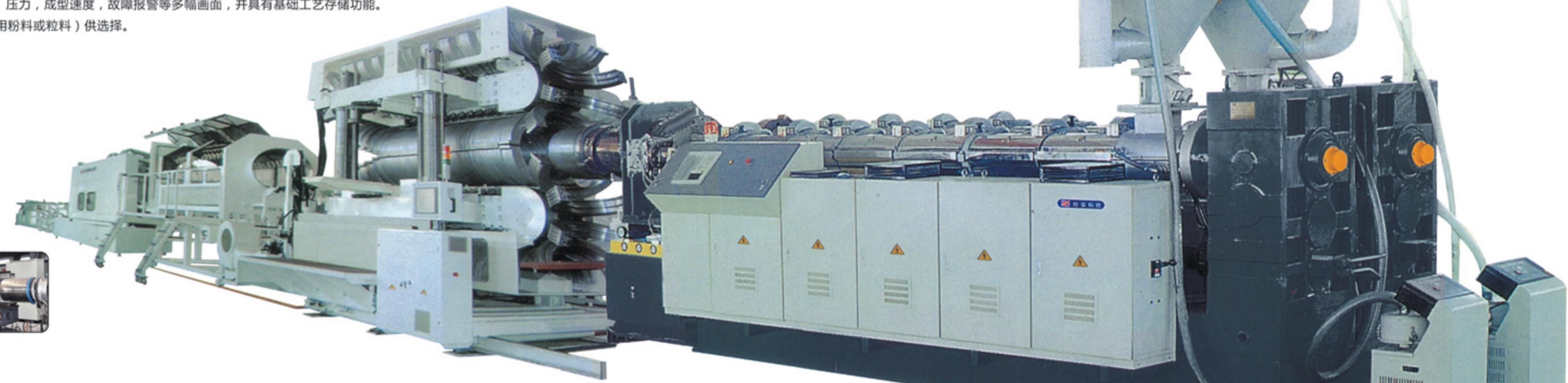
PE/PP/PVC双壁波纹管生产线（立式）

PE/PP/PVC Double Wall Corrugated Pipe Extrusion Line (vertical)

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主要技术特点

- ◆ 该挤出生产线配置两台挤出机，双层共挤，挤出物料稳定，塑化优良。
- ◆ 进口比例调节阀调节成型气压，稳定、可靠。
- ◆ 双流道螺旋复合挤出模具，模具表面氮化抛光处理。
- ◆ 双层壁厚调节装置。
- ◆ 管材在线双层承插扩口。
- ◆ 工作台的横向、水平和垂直方向三维可调。
- ◆ 工作台的断电自动退出保护系统。
- ◆ 自动润滑中心。
- ◆ 模块选用特殊铝合金制成，具有重量轻、强度高、耐磨损好、热膨胀系数小等特点。
- ◆ 成型模块风冷和水冷，冷却效果好，成型速度快。
- ◆ 整条生产线采用PLC微电脑控制系统，直观显示熔体温度、压力，成型速度，故障报警等多幅画面，并具有基础工艺存储功能。
- ◆ 高效单螺杆挤出机（使用粒料）和节能双螺杆挤出机（使用粉料或粒料）供选择。
- ◆ 立式、卧式、梭式成型机供选择。



Main Technical Features

- ◆ The extrusion line is equipped with two extruders for two-layer co-extrusion, stable extrusion, excellent plasticization.
- ◆ Imported ratio-adjusting valve adjusts forming pressure stable and reliable.
- ◆ Double flow channel spiral composite extrusion die head. The surface is nitrogenized and polished.
- ◆ Thickness regulating device for double wall.
- ◆ Double wall belling online.
- ◆ Worktable is three-dimensionally adjustable.
- ◆ Automatic protection system starts and worktable comes back when power off.
- ◆ Automatic lubrication station.
- ◆ Mould blocks are made of special aluminum alloy and features light weight, high strength, good wear resistant, small coefficient of thermal expansion.
- ◆ Air cooling and water cooling for well cooling corrugated moulds that forming pipe fast.
- ◆ The complete line adopts PLC micro-computer control system which can visually shows melt temperature and pressure, forming speed, error alarm and also has storage capability of basic process.
- ◆ High efficiency single screw extruder (using granule material) and energy-saving twin-screw extruder (using powder or granule material) for your choice.
- ◆ Vertical, horizontal or shuttle corrugators for your choice.

主要技术参数 Main Technical Parameter

型号 Model	管材成型范围 Pipe Range(mm)	成型机 Corrugator Type	生产能力 Output Capacity (kg/h)	总装机功率 Main Motor Power(kW)
WPE160	63-160	卧式Horizontal	400	55+45
WPE250	75-250	卧式Horizontal	400-520	(55-45)-(75+55)
WPE400	200-400	卧式Horizontal	740-1080	(110-75)-(160+110)
LPE600	200-600	立式 Vertical/梭式 Shuttle	1080-1440	(160-110)-(200+160)
LPE800	200-800	立式 Vertical/梭式 Shuttle	1520-1850	(220-160)-(280+200)
LPE1200	400-1200	立式 Vertical/梭式 Shuttle	1850-2300	(280-200)-(355+280)

PE/PP/PVC双壁波纹管生产线（卧式）

PE/PP/PVC Double Wall Corrugated Pipe Extrusion Line (horizontal)

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主要技术特点

- ◆ 选用大型锥双或平双挤出机，低温塑化效果好，挤出物料稳定。
- ◆ 进口比例调节阀调节成型气压，稳定、可靠。
- ◆ 卧式结构成型机。
- ◆ 工作台的横向、水平和垂直方向三维可调。
- ◆ 工作台的断电自动退出保护系统。
- ◆ 自动润滑中心。
- ◆ 模块选用特殊铝合金制成，具有重量轻、强度高、耐磨性好、热膨胀系数小等特点。
- ◆ 成型模块风冷和水冷，冷却效果好，成型速度快。
- ◆ 整条生产线采用PLC微电脑控制系统，直观显示熔体温度、压力，成型速度，故障报警等多幅画面，并具有基础工艺存储功能。
- ◆ 扩口机供选择。
- ◆ 改变部分单元可以生产PVC加筋管。

Main Technical Features

- ◆ Big conical twin-screw extruder or parallel twin-screw extruder can realize excellent plasticization at low temperature and stable extrusion.
- ◆ Imported ratio-adjusting valve adjusts forming pressure stable and reliable.
- ◆ Horizontal type corrugator.
- ◆ Worktable is three-dimensionally adjustable.
- ◆ Automatic protection system starts and worktable comes back when power off.
- ◆ Automatic lubrication station.
- ◆ Mould blocks are made of special aluminum alloy and features light weight, high strength, good wear resistant, small coefficient of thermal expansion.
- ◆ Air cooling and water cooling for well cooling corrugated moulds that forming pipe fast.
- ◆ The complete line adopts PLC micro-computer control system which can visually shows melt temperature and pressure, forming speed, error alarm and also has storage capability of basic process.
- ◆ Belling machine for choice.
- ◆ Changing some parts of the line can produce reinforced PVC pipe.

主要技术参数 Main Technical Parameter

型号 Model	形式 Structure	适应原料 For Material	管材成型范围 Pipe Range(mm)		生产能力 Output Capacity (kg/h)	成型机速度 Corrugator Speed(m/min)
			ID(min)	ID(max)		
WPVC250	卧式Horizontal	PVC	110	250	250-350	0.5-5
WPVC500	卧式 Horizontal	PVC	200	500	650-750	0.5-3.5





主要技术特点

- ◆ 该生产线主要生产农用给排水、建筑给排水、市政给排水、电力电缆保护等方面各种规格的UPVC管材。
- ◆ 锯片式切割机和行星式切割机供选择。
- ◆ 改变部分单元可以生产M-PVC、C-PVC、内壁螺旋管、内壁空心管和芯层发泡管等管材。
- ◆ 有锥双挤出机和平双挤出机供选择。
- ◆ 小口径有一出二和一出四供选择。

Main Technical Features

- ◆ It is mainly used to produce all kinds of UPVC pipes for agricultural water supply and drainage, building water supply and drainage and cable laying, etc.
- ◆ Saw cutter and planetary cutter for choice.
- ◆ Changing some parts can also produce M-PVC pipe, C-PVC pipe, inner spiral wall pipe, inner hollow wall pipe, formed core pipe.
- ◆ Conical twin screw extruder and parallel twin screw extruder for choice.
- ◆ Double-strand and four-strand for choice for small pipes.



主要技术参数 Main Technical Parameter

型号 Model	生产管材范围 Pipe Range(mm)	挤出产量 Output Capacity(kg/h)	总装机功率 Main Motor Power (kW)
PVC32SS*	Φ 16–Φ 32(x4)	180–250	22–37
PVC63	Φ 16–Φ 63	180–250	22–37
PVC63S*	Φ 16–Φ 63(x2)	250	37
PVC110	Φ 20–Φ 110	250	37
PVC160	Φ 50–Φ 160	250	37
PVC250	Φ 75–Φ 250	450	55
PVC450	Φ 110–Φ 450	450–800	55–110
PVC630	Φ 250–Φ 630	800	110
PVC800	Φ 315–Φ 800	1000	132
PVC1000	Φ 400–Φ 1000	1200	160

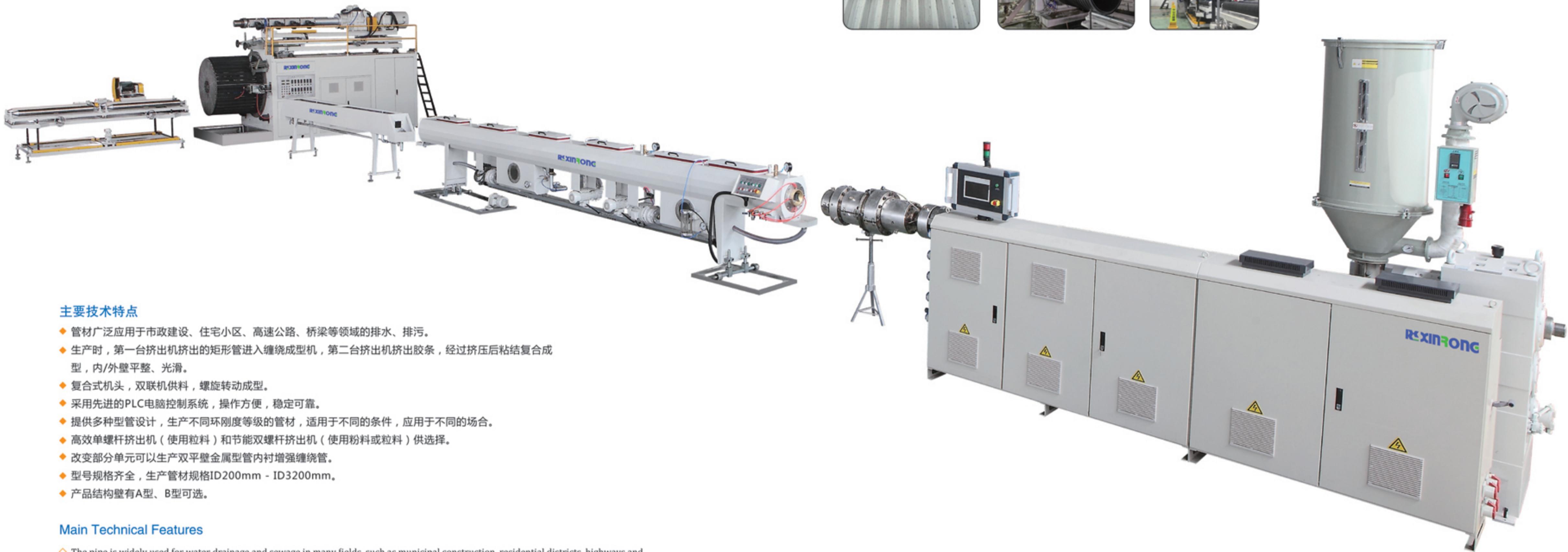
S* 双管挤出 Double-strand pipes

SS* 一出四 Four-strand pipes

PE/PP中空壁缠绕管高速挤出生产线

PE/PP Hollow Wall Wind Pipe High Speed Extrusion Line

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主要技术特点

- ◆ 管材广泛应用于市政建设、住宅小区、高速公路、桥梁等领域的排水、排污。
- ◆ 生产时，第一台挤出机挤出的矩形管进入缠绕成型机，第二台挤出机挤出胶条，经过挤压后粘结复合成型，内/外壁平整、光滑。
- ◆ 复合式机头，双联机供料，螺旋转动成型。
- ◆ 采用先进的PLC电脑控制系统，操作方便，稳定可靠。
- ◆ 提供多种型管设计，生产不同环刚度等级的管材，适用于不同的条件，应用于不同的场合。
- ◆ 高效单螺杆挤出机（使用粒料）和节能双螺杆挤出机（使用粉料或粒料）供选择。
- ◆ 改变部分单元可以生产双平壁金属型管内衬增强缠绕管。
- ◆ 型号规格齐全，生产管材规格ID200mm - ID3200mm。
- ◆ 产品结构壁有A型、B型可选。

Main Technical Features

- ◆ The pipe is widely used for water drainage and sewage in many fields, such as municipal construction, residential districts, highways and bridges, etc.
- ◆ The first extruder produce rectangular pipe into winding forming machine , the second extruder produce plastic bar, then the plastic bar is pressed on the rectangular pipe and winding pipe comes out. Outside and inside of winding pipe is smooth and neat.
- ◆ It adopts spiral die head and two extruder charging, realizing spiral rotational forming.
- ◆ The advanced PLC computer control system makes it easy to operate. It's stable and reliable.
- ◆ With different design of profile tube it can produce pipes of different ring stiffness that adapt to different conditions and fields.
- ◆ High efficiency single screw extruder (using granule material) and energy-saving twin-screw extruder (using powder or granule material for choice).
- ◆ Changing some parts can also produce metal-square-profile reinforced spiral pipe.
- ◆ A complete range of specification, pipe range: ID200mm - ID3200mm

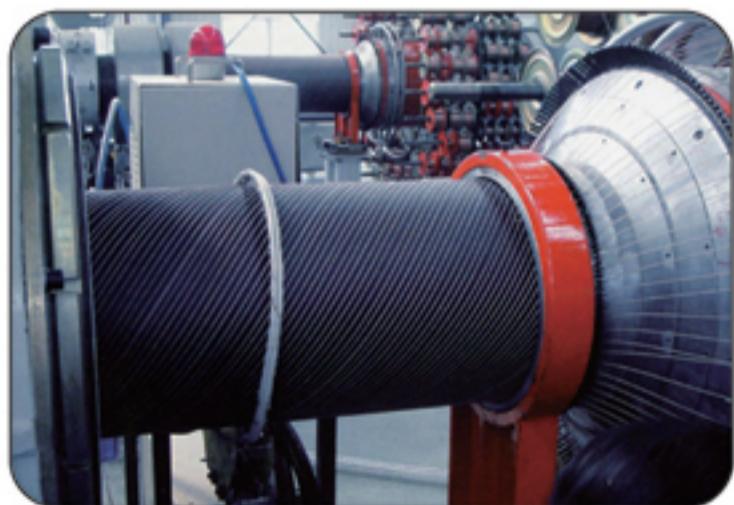
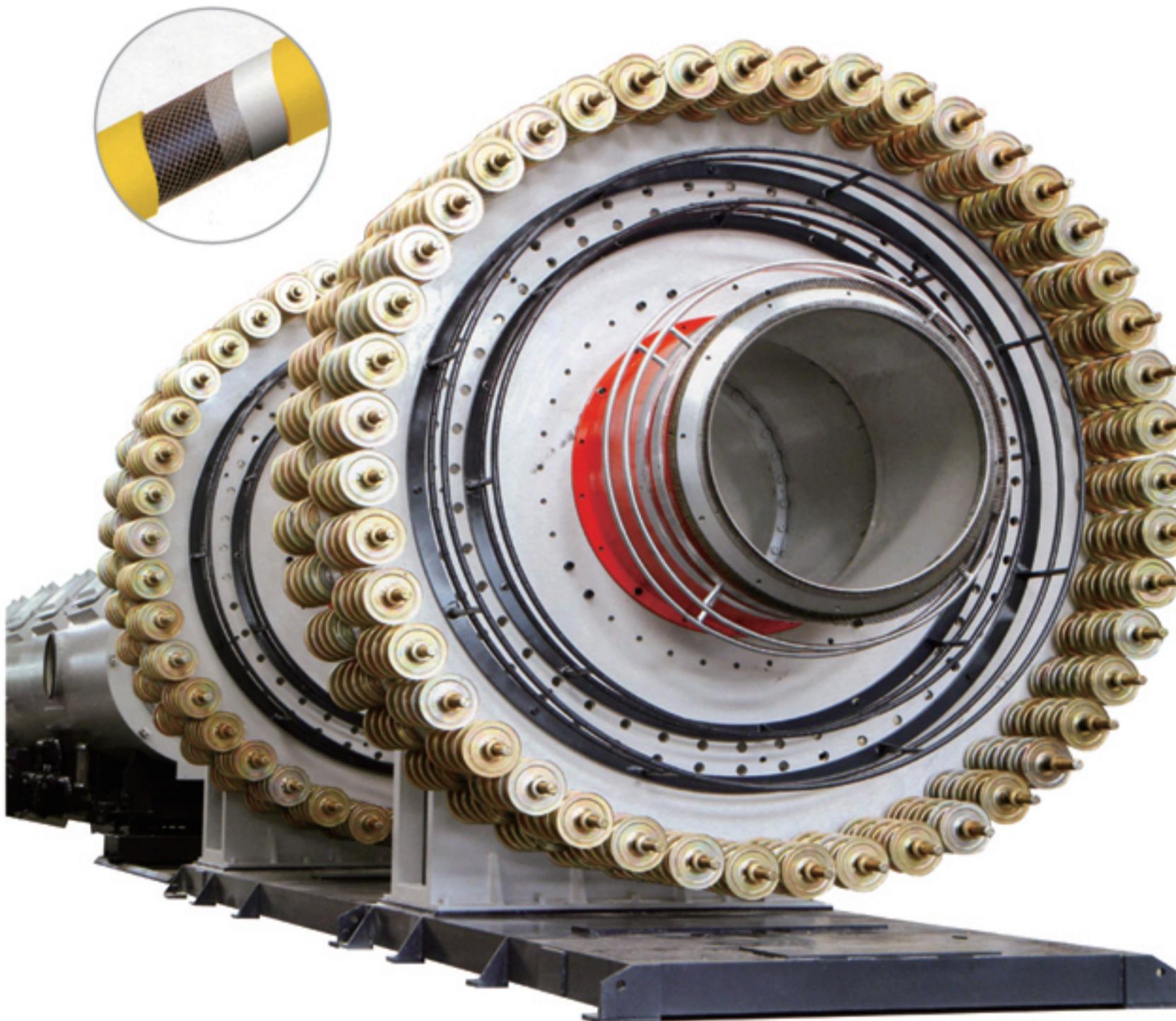
主要技术参数 Main Technical Parameter

型号 Model	管材成型范围 Pipe Range(mm)		挤出产量 Output Capacity(kg/h)	总装机功率 Total Power(kW)
	ID(min)	OD(max)		
ZKCR800	200	800	100–200	165
ZKCR1200	400	1200	150–400	195
ZKCR1800	800	1800	300–550	320
ZKCR2600	1600	2600	550–650	400
ZKCR3200	2000	3200	600–1000	550

钢丝网骨架增强塑料复合管挤出生产线

Steel wire skeleton reinforced plastic composite pipe extrusion line

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主要技术特点

钢丝网骨架增强塑料复合管广泛用于工业、城市给水、石油燃气、化工及农业等多种行业的压力复合管道系统。生产线既可利用诸如高强度钢丝、玻璃纤维束、聚脂纤维等高强度线材生产增强复合塑料管材，也可以生产符合国标的给水、燃气用纯聚乙烯管材，真正地实现了一机多能，减少您的设备重复投资成本。所生产线钢丝网增强复合塑料管材具有工作压力高($\geq 3.0\text{MPa}$)、用料省、不分层等诸多优点。其管材标准CJ/T189-2004早在2004年就颁布和实施，相应的施工规程与管件已成熟配套，其生产、销售及推广应用逐步走上了产业化发展的道路，它已经成为复合塑料管道领域的主力产品。

Main Technical Features

It's widely used in industry, city water supply, gas, chemical and agriculture, etc. The extrusion line can use strong steel wire, glass fiber bunch and PET to produce strong composite plastic pipe. It can produce polyethylene water or gas pipe too. It's multi-purpose to save investment. The pipe has advantage of high pressure ($\geq 3.0\text{MPa}$), less needed materials and unstratified, etc. The standard CJ/T189-2004 was applied and enforced in year 2004. The corresponding engineering regulations and fittings are well completed. The manufacturing, sales and promotion has been step-by-step on the road of industrialization development. It becomes main product of composite pipes.

主要技术参数 Main Technical Parameter

生产线型号 Model	生产管材范围 Pipe Range(mm)	生产线速度 Line Speed(m/min)	装机容量 Total Installation Power(kw)
XRSW160	$\Phi 50-\Phi 160$	0.5-1.5	200
XRSW250	$\Phi 75-\Phi 250$	0.6-2	250
XRSW400	$\Phi 110-\Phi 400$	0.4-1.6	500
XRSW630	$\Phi 250-\Phi 630$	0.4-1.2	600
XRSW800	$\Phi 315-\Phi 800$	0.2-0.7	850

管材规格 Pipe size	HDPE实壁管 (1Mpa) HDPE solid pipe		钢丝网骨架增强塑料复合管 (1Mpa) Steel wire skeleton reinforced plastic composite pipe	
	厚度 Thickness(mm)	单重 Weight(kg/m)	厚度 Thickness(mm)	单重 Weight(kg/m)
$\Phi 200$	11.9	7.05	7.5	4.74
$\Phi 500$	29.7	43.80	15.5	25.48
$\Phi 630$	37.4	69.40	23.5	40.73
$\Phi 800$	47.4	112.00	30.0	75.39

PP中空模板生产线

PP Hollow Construction Template Extrusion Line

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主要技术特点

PP中空模板生产线是我公司开发出来的新产品。设备生产的板材厚度范围12-20mm，板材宽度可定制915-1220mm。其生产制品表面光洁、尺寸误差小，具有可钉、可刨、耐腐蚀，阻燃强等诸多优点。本机组有挤出机，液压换网器，计量泵，模具，定型机，缓冷架，一次牵引机、缓冷架，二次牵引机，横切机，输送机组成。挤出机有单螺杆挤出机，锥形双螺杆挤出机和平行双螺杆挤出机供选择。

PP中空模板的优势：

- 1.抗水保湿性能好。不会因受潮而变形，也不会腐烂。
- 2.不和与水泥粘黏，施工后脱模容易，也不会变形。
- 3.重量轻，施工方便。
- 4.施工质量好，用其施工的建筑物表面光滑平整。
- 5.节省了工序，提高了施工效率。同时还可以在加工模板时，对模板表面进行预处理，得到想要的墙面花纹。
- 6.寿命长，重复使用次数多。最终损坏的塑料模板仍可以再次粉碎，重新加工成新模板，节省资源。
- 7.保温性好，有利于缩短施工周期。
- 8.可采用加工木材的方法进行各种处理，还可进行焊接，因此可在施工现场灵活地进行二次加工。

Main Technical Features

PP hollow construction template extrusion line is a new product developed by our company. The thickness of the template produced by our machine ranges from 12-20mm, and the width can be customized from 915 to 1220mm. The product dimension is accurate and surface is smooth. PP hollow construction template has many advantages as nailing, planing, corrosion resistance and flame retardancy.

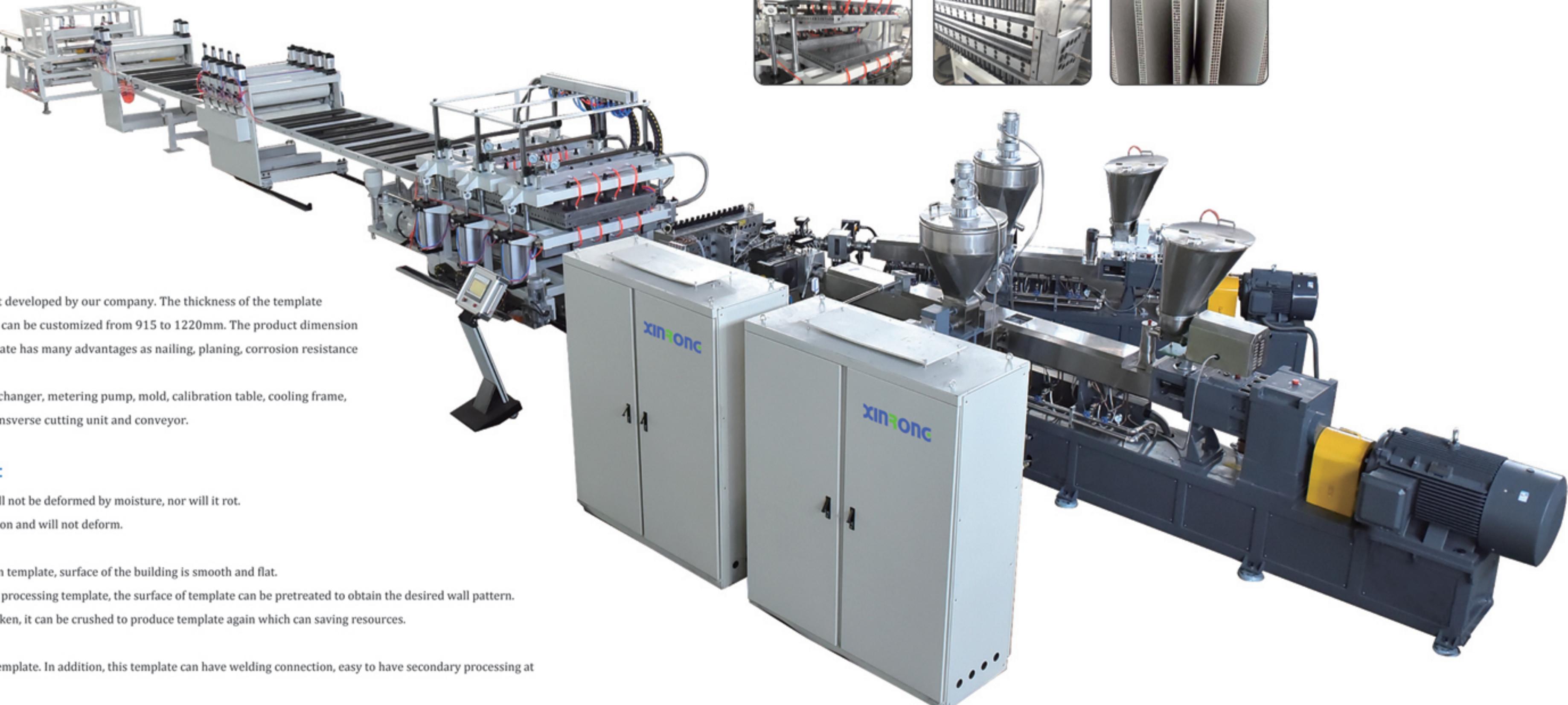
The whole extrusion line consists of extruder, hydraulic screen changer, metering pump, mold, calibration table, cooling frame, primary haul off unit, cooling frame, secondary haul off unit, transverse cutting unit and conveyor.

Advantage of PP Hollow Construction Template:

- 1.Good water resistance and good moisturizing performance. It will not be deformed by moisture, nor will it rot.
2. It does not stick to cement. It is easy to demould after construction and will not deform.
3. Light weight and convenient for construction.
4. The construction quality is good by using PP hollow construction template, surface of the building is smooth and flat.
5. Save the process and improve the construction efficiency. When processing template, the surface of template can be pretreated to obtain the desired wall pattern.
- 6.Longer life and can be reused for many times. After template broken, it can be crushed to produce template again which can saving resources.
7. Good insulation, which can shorten the construction period.
8. PP hollow construction template can be treated same as wood template. In addition, this template can have welding connection, easy to have secondary processing at construction site.

主要技术参数 Main Technical Parameter

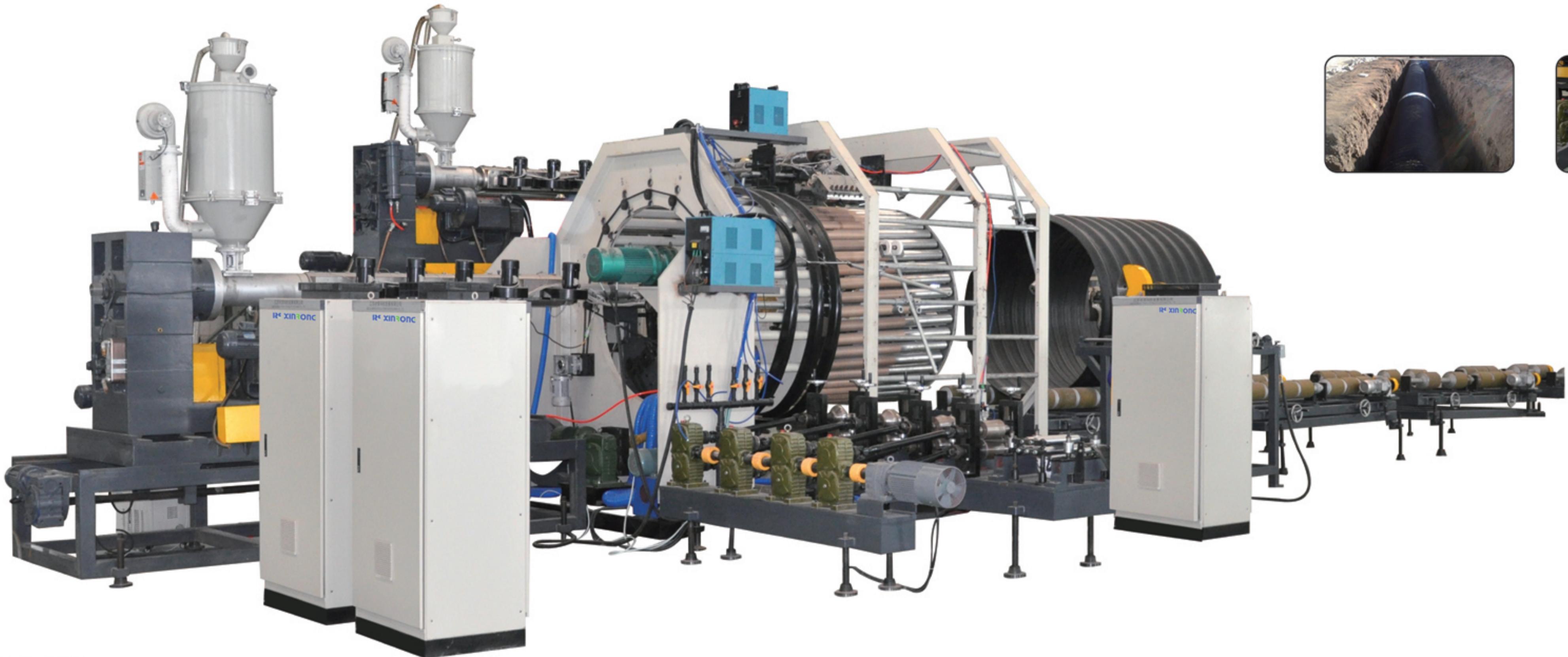
生产线型号 Model	模板宽度 Template Width(mm)	模板厚度 Template Thickness(mm)	模板结构 Template Structure
XRS120	915/1220	12-20	单层 single layer
XRS120+90	915/1220	12-20	三层 three layer
XRP75	915/1220	12-20	单层 single layer
XRP75+52	915/1220	12-20	三层 three layer
XRC80	915/1220	12-20	单层 single layer
XRC80+55	915/1220	12-20	三层 three layer



PE钢带增强螺旋波纹管生产线

PE Steel Belt Reinforced Spiral Corrugated Pipe Extrusion Line

XINRONG



主要技术特点

- ◆ 管材最主要的优点是环刚度高 (SN10以上) , 生产成本大大低于普通埋地排水塑料管材。
- ◆ 我公司在聚乙烯螺旋双壁波纹管材生产线上, 采用特殊材料解决了钢板防腐问题。
- ◆ 生产管径从ID300mm至ID2600mm。

Main Technical Features

- ◆ The main advantages of the pipe are high ring stiffness (over SN10) and that its cost much lower than ordinary underground drainage and sewage structured-wall plastic pipes.
- ◆ Our company has resolved the problem of steel corrosion on the basis of PE spiral double-wall corrugated pipe extrusion line.
- ◆ Pipe range: ID300mm-ID2600mm.

主要技术参数 Main Technical Parameter

型号 Model	生产管材范围, 内径 Pipe Range, ID(mm)	生产线速度 Line Speed(m/h)	总装机功率 Total Installation Power(kW)
XRSG1200	ID300-ID1200	8-25	330
XRSG2000	ID800-ID2000	8-15	460
XRSG3000	ID1800-ID3000	6-12	600

PEX铝塑复合管挤出生产线 PEX/Aluminum Composite Pipe Extrusion Line



主要技术特点

- ◆ 铝管采用进口超声波滚动焊接，焊接质量稳定可靠，生产连续性强。
- ◆ 共挤法一步成形，五层之间结构紧密，产品和各项优异性能才能有保证。
- ◆ 一步法成形技术大大减少了生产环节，缩短了整线长度，可最大限度减少操作人员和减小生产场地。
- ◆ 生产过程集中控制，易于操作，降低停机率。
- ◆ 设备关键部位采用进口部件，主体国产化使生产成本下降。

Main Technical Features

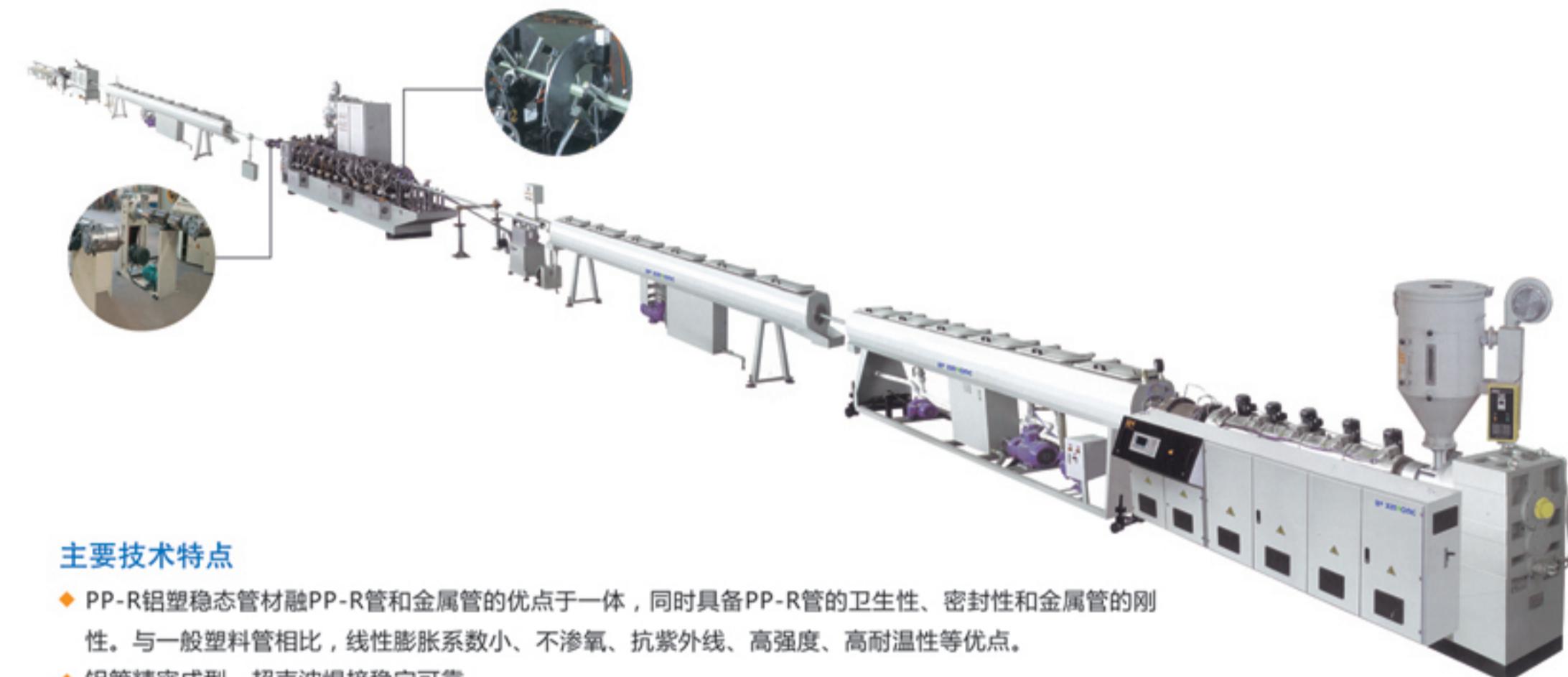
- ◆ Imported ultrasonic welding for aluminum tube stably and continually.
- ◆ One-step co-extrusion makes five layers connection firm. It gives good performance to pipe.
- ◆ One-step co-extrusion greatly decreases production process. It makes machine line shorter to decrease operators and production space.
- ◆ Centralized control for easy operation and low stop rate.
- ◆ Key parts are imported. Main parts are made in China. It reduces cost.



主要技术参数 Main Technical Parameter

型号 Model	生产管材范围 Pipe Range(mm)	生产线速度 Line Speed(m/min)	总装机功率 Total Installation Power (kW)
XRLS32	Φ 16–Φ 32	7–15	110
XRLS63	Φ 16–Φ 63	2–15	150

PP-R铝塑稳态复合管挤出生产线 PP-R/Aluminum Composite Pipe Extrusion Line



主要技术特点

- ◆ PP-R铝塑稳态管材融PP-R管和金属管的优点于一体，同时具备PP-R管的卫生性、密封性和金属管的刚性。与一般塑料管相比，线性膨胀系数小、不渗氧、抗紫外线、高强度、高耐温性等优点。
- ◆ 铝管精密成型，超声波焊接稳定可靠。
- ◆ 外层采用真空包覆技术，确保管材外径的圆度和粘接强度。
- ◆ 采用先进的PLC电脑控制系统，操作方便，稳定可靠。

Main Technical Features

- ◆ PP-R/Aluminum composite pipe integrate advantages of the PP-R pipe and the metal pipe. It simultaneously has healthy, sealing property of the PP-R pipe and rigidity of the metal pipe. Compared with general plastic pipe, it features small linear expansion coefficient, no oxygen permeability, anti-ultraviolet, high strength, high temperature resistance, etc.
- ◆ Aluminum pipe precise forming. With stable and reliable ultrasonic welding.
- ◆ Vacuum coating technology of outer layer can ensure pipe roundness and bonding strength.
- ◆ The advanced PLC computer control system makes it easy to operate. It's stable and reliable.

主要技术参数 Main Technical Parameter

型号 Model	生产管材范围 Pipe Range(mm)	牵引机速度 Haul-off Speed(m/min)	生产线长度 Total Length(m)	总装机功率 Total Power (kW)
WTAP63	Φ 20–Φ 63	1.2–12	54	146
WTAP110	Φ 75–Φ 110	0.3–3	60	221



PP-R管材高速挤出生产线 PP-R Pipe High Speed Extrusion Line



主要技术特点

- ◆ 采用先进的欧洲技术，根据多年的塑料机械研发和生产经验，欣荣开发的PP-R管材挤出生产线，结构合理，整线操作自动化程度高，可靠性强。
- ◆ 改变部分单元可以生产PP-B等管材。

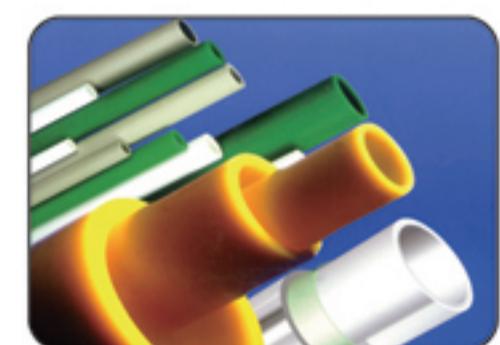
Main Technical Features

- ◇ PP-R pipe extrusion line is developed by XinRong based on European advanced technology and R&D experience of the plastic machinery for many years. Advanced design, reasonable structure, high reliability, high degree automation of the complete line.
- ◇ Changing some parts of the line can also produce PP-B pipe.

主要技术参数 Main Technical Parameter

型号 Model	生产管材范围 Pipe Range(mm)	牵引速度 Hauling Speed(m/min)	生产线长度 Total Length(m)	最大挤出量 Output Capacity (kg/h)	总装机功率 Total Power(kW)
PP-R63	Φ 16-Φ 63	2.0-20	35	70-150	103
PP-R110	Φ 20-Φ 110	1.5-15	38	140-220	186
PP-R160	Φ 50-Φ 160	0.8-8	40	180-220	192
PP-R63S*	2 × (Φ 16-Φ 63)	2 × (1.2-12)	35	180-220	160

S* 双管挤出 Double-strand pipes



PP-R玻纤增强复合管生产线 PP-R/Fiberglass Reinforced Composite Pipe Extrusion Line



主要技术特点

- ◆ 采用三层复合共挤模具，复合管层间厚度均匀。
- ◆ 生产的管材成品和普通PP-R管材相比具有耐压强度高、高温变形小、膨胀系数低等优点。
- ◆ 管材生产成本比PP-R管材低5%-10%。
- ◆ 生产线采用PLC系统控制，人机对话界面，操作简便，具有联动功能。

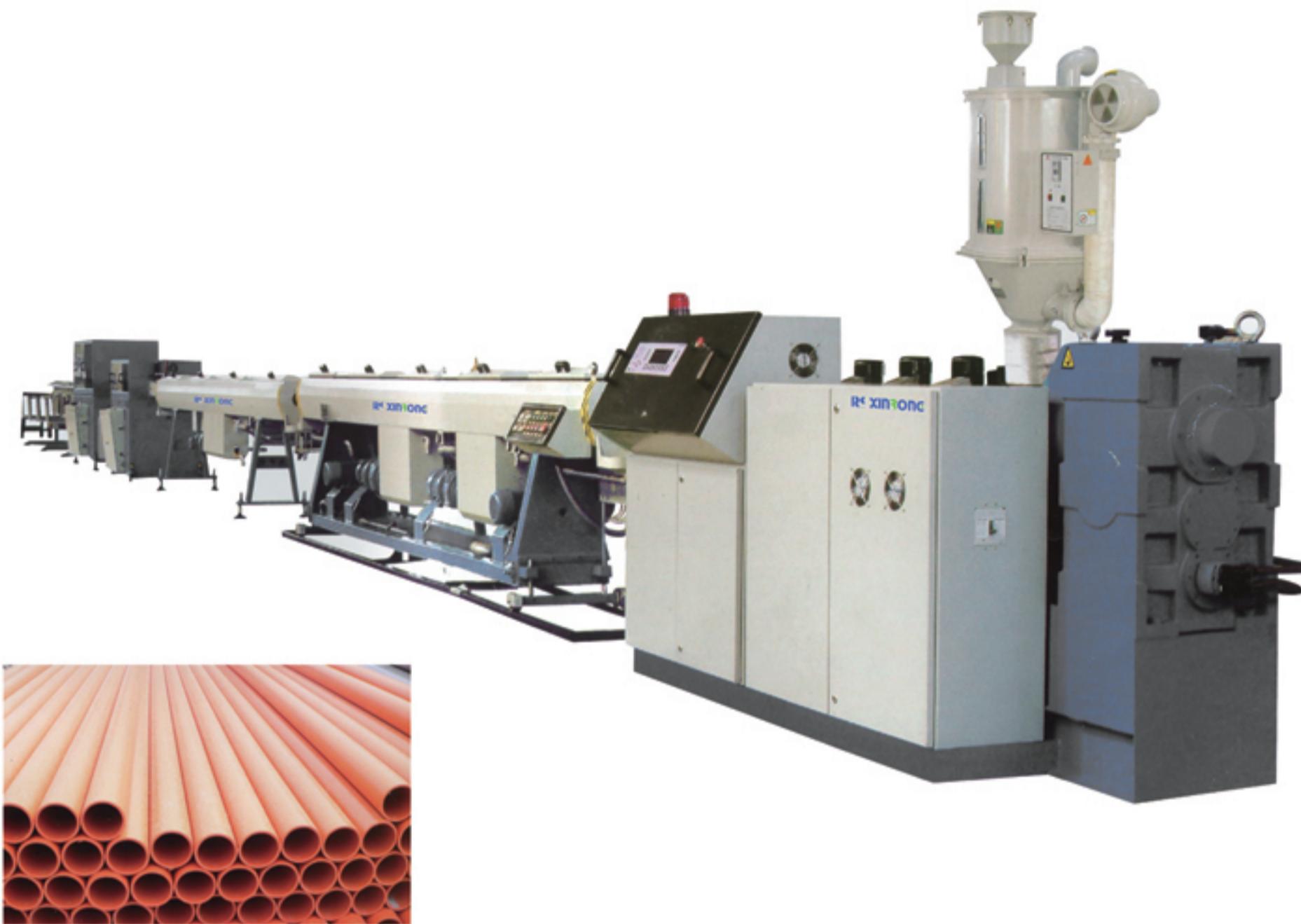
Main Technical Features

- ◇ Three-layer co-extrusion die head. Thickness of every layer is uniform.
- ◇ Compared with normal PP-R pipe, it has many advantages, such as, high strength, small deformation at high temperature, low expansion coefficient.
- ◇ Comparing PP-R pipe it saves cost 5%-10%.
- ◇ The line adopts PLC control system with HMI which is easy to operate and has function of linkage.

主要技术参数 Main Technical Parameter

型号 Model	生产管材范围 Pipe Range(mm)	牵引机速度 Haul-off Speed(m/min)	生产线长度 Total Length(m)	挤出产量 Output Capacity(kg/h)	总装机功率 Total Power(kW)
XRBX63	Φ 20-Φ 63	1.2-12.0	35	100-150	140
XRBX110	Φ 75-Φ 110	0.8-8.0	40	150-180	180
XRBX160	Φ 75-Φ 160	0.35-3.5	52	150-240	200

MPP管材高速高效挤出生产线 MPP Pipe High Speed Extrusion Line



主要技术特点

改性聚丙烯(MPP)电力电缆用保护管,以改性聚丙烯为主要原材料,采用特殊配方和加工工艺制造的新型塑料管道,具有强度高、耐高温性能好、穿放电缆容易、施工简便、节省费用等一系列优点。

非开挖施工技术具有不污染环境、不影响交通、对地层结构破坏小、施工安全可靠、周期短、无需大量运输和堆填土、成本低、社会效益和经济效益明显，在现代城市应用，符合城市规划发展要求。

改性聚丙烯电力电缆保护管(M P P)广泛用作电力电缆和通信电缆的保护管，应用非开挖施工技术，适合埋深2-18m,既保证管网的可靠性、安全性、降低管网的故障率，同时也使市容环境极大改善，优点非常显著。

Main Technical Features

The main material of the pipe is modified polypropylene. It's a new plastic pipe of special formula and process. It has capacity of good strength, high temperature, easily inserting cable, easy engineering and saving cost.

Non-tunneling engineering has no pollution or traffic trouble. It damages strata little. It's safe engineering in short period. It don't need convey and landfill mud very much which cost less. It has obvious social and economic benefits. It's applied in modern cities to meet the requirements of development plan.

管材注塑扩口机 Pipe Socket/Spigot Injection Machine



结构特点

- 1、我公司开发的注塑扩口机直接在塑料管材上注塑承插口，承插口以及连接处强度高。同时也可以直接生产管材直通。
- 2、跟传统的注塑机相比，设备成本降低超过80%！
- 3、采用PLC全程控制，具有自动化程度高，稳定高效，能耗低等优点。
- 4、可应用于中空壁缠绕管，克拉管，双壁波纹管，塑钢缠绕管，钢带波纹管，内肋加筋波纹管等几乎所有的结构壁管。
- 5、该设备模具在国内首创采用模温机控制，效率更高且成品率更高！

Structure Features

Our pipe socket/spigot injection machine can inject socket and spigot directly on pipe. Socket/spigot and connection parts are strong. By changing some parts, the machine can also produce straight joint.

Compared with traditional injection machine, our machine can save machine cost by more than 80%.

The whole machine is controlled by PLC, with high automation, stable and reliable, lower power consumption.

It can be applied to almost all structural wall pipes such as hollow wall winding pipe, carat pipe, double wall corrugated pipe, plastic steel reinforced pipe, steel belt corrugated pipe and other spiral pipe.

The mold of our machine adopts temperature regulator, to increase efficiency and yield.

XINRONG

超高分子量聚乙烯管材 UHMW-PE Pipe Extrusion Line



主要技术特点

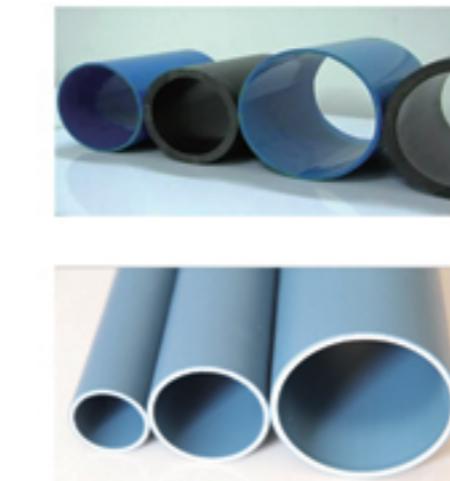
UHMWPE供水管及燃气管生产线采用欣荣专利技术和工艺开发的新一代超高分子量聚乙烯管材设备，该设备结构独特，自动化程度高，操作方便，连续生产稳定可靠。该生产线生产的管道具有适度的刚性、强度、又具有良好的柔性和耐蠕变性、耐环境应力开裂性和良好的热熔接性能，已成为城市燃气输送管道和室外给水管的首选产品。

Main Technical Features

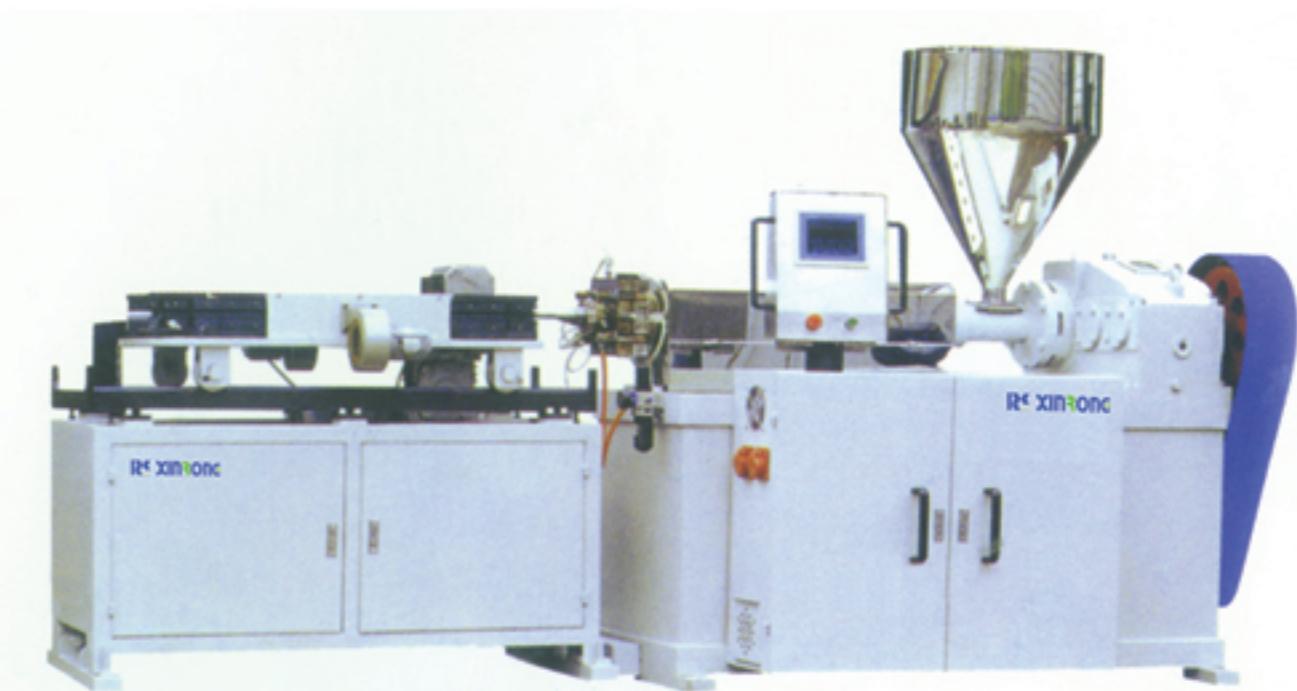
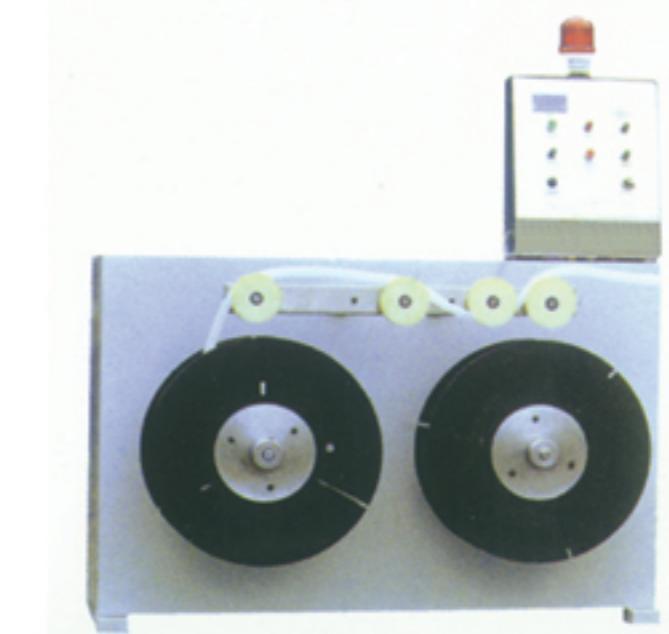
UHMWPE water and gas pipe extrusion line is developed by Xinrong based on patent technology and process. It has special structure, high degree automation, convenient operation and stable continue running. The pipe has proper rigidity and strength. It also has good flexibility, creep resistance, resistance to environmental stress cracking and hot melt welding. It's first choice of gas and water pipe in the city.

主要技术参数 Main Technical Parameter

型号 Model	管材规格(mm) Pipe size	挤出机型号 Extruder Model	最大挤出量(kg/h) Max. Capacity	总装机功率(kw) Total installed power
UHMWPE-75	Φ20-Φ75	SJ65/30	50	50
UHMWPE-250	Φ110-Φ250	SJ90/30	100	130
UHMWPE-450	Φ300-Φ450	SJ120/30	150	180
UHMWPE-630	Φ315-Φ630	SJ150/30	220	220
UHMWPE-800	Φ400-Φ800	SJ150/30	300	220
UHMWPE-1000	Φ630-Φ1000	SJ180/30	350	280
UHMWPE-1200	Φ800-Φ1200	SJ200/30	450	320



PE/PP/PVC单壁波纹管挤出生产线 PE/PP/PVC Single-wall Corrugated Pipe Extrusion Line



主要技术特点

- ◆ 我公司引进德国技术的基础上消化吸收研制而成，其结构合理运行稳定、成型速度快。
- ◆ 小口径单壁波纹管模块可实现一模双径，降低了模块成本，减少更换模块的频率，有效的提高了生产效率。
- ◆ 配不同的挤出机，可以用于PE,PP,PVC等不同材料的单壁波纹管的挤出。



Main Technical Features

- ◇ It is developed by our company based on absorbing advanced German technology. It has advantages, such as, reasonable structure, stable operation, fast forming speed.
- ◇ Two sizes in one mould for small pipes, can reduce mould cost, reduce the frequency of replacement of moulds and effectively improve production efficiency.
- ◇ PE,PP, PVC single-wall corrugated pipes can be produced with different extruders.

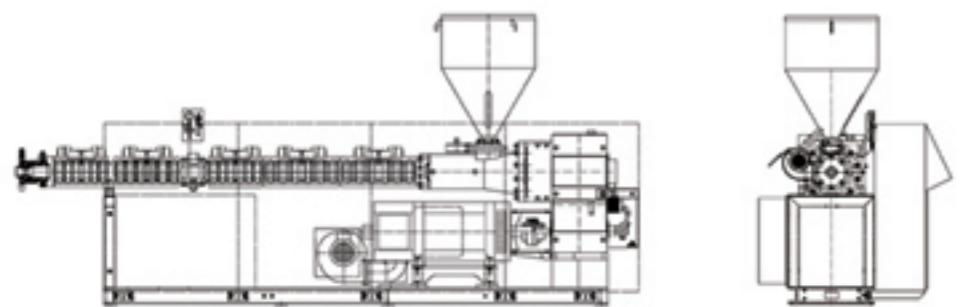


主要技术参数Main Technical Parameter

型号 Model	适用原料 For Materials	管材成型范围 Pipe Range (mm)	成型机速度 Corrugator Speed(m/min)
DBWG50	PE/PP/UPVC	16-50	1.5-15

高效单螺杆挤出机

High Efficient Single Screw Extruder



主要技术特点

- ◆ 引进德国技术，直联整体设计。
- ◆ 适合聚烯烃类原料的挤出的优化设计。
- ◆ 高效的屏障式螺杆，独特的螺旋喂料系统冷却水套，大幅度提高产量。
- ◆ 大长径比，保证高速低熔融温度情况下挤出塑化良好。

Main Technical Features

- ◆ German technology of direct-combination overall design.
- ◆ Optimum design for extrusion of polyolefin materials.
- ◆ High efficient barrier screw and special spiral feeding design in water cooling sleeve, enlarge the output greatly.
- ◆ Large L/D ratio guarantees better plasticization under high speed and low melt temperature.

长径比L/D 38系列 L/D 38 Series

型号 Model	螺杆直径 Screw Diameter(mm)	长径比 L/D	适用塑料原料 Suitable For Materials	驱动功率 Drive Motor Power(kW)	最大挤出量 Max. Output(kg/h)
SJ45×38	45	38:1	PE,PP,PP-R	55	200-220
SJ60×38	60	38:1	PE,PP,PP-R	90/110	400-450
SJ75×38	75	38:1	PE,PP,PP-R	132/160	600-650
SJ90×38	90	38:1	PE,PP	250/280	950-1150
SJ120×38	120	38:1	PE,PP	355/400	1300-1450

长径比L/D 33/34系列 L/D 33/34 Series

型号 Model	螺杆直径 Screw Diameter(mm)	长径比 L/D	适用塑料原料 Suitable For Materials	驱动功率 Drive Motor Power(kW)	最大挤出量 Max. Output(kg/h)
SJ45×33	45	33:1	PE,PP,PP-R	30	120
SJ65×33	65	33:1	PE,PP,PP-R	75	250
SJ75×33	75	33:1	PE,PP,PP-R	110	350
SJ90×33	90	33:1	PE,PP,PP-R	160	500
SJ120×33	120	33:1	PE,PP	280	850
SJ150×33	150	33:1	PE,PP	355	1100
SJ150×34	150	33:1	PE,PP	400	1300

TWE系列PE,PP粉/粒料专用双螺杆挤出机

TWE Series Conical Twin Screw Extruder for PE,PP Powder/Granule

XINRONG

主要技术特点

- ◆ PE,PP粉料/粒料专用。
- ◆ 改变机筒螺杆的锥形夹角和输送混炼塑化段的导程，角度。合理安排各区段的截面和长度。分前后二次塑化，中间排气。
- ◆ 螺杆芯部可采用特殊的可调节汽温冷却装置，提高物料的输送能力。
- ◆ 螺杆结构采用二次塑化，中间排气，前期输送预塑化，混炼，阻流后进入相对较大空间的排气输送段后，物料释放排气，在特殊变异的输送段中渐变压缩造成二次塑化。
- ◆ 该异向锥形双螺杆挤出机的机筒，在2/3处和挤出端部采用局部或分体结构，增设二处硬质合金镶件，提高机筒和螺杆的耐磨性，降低机筒螺杆磨损后造成螺杆机械疲劳所引起的螺杆折断频次，使用寿命可成倍提高，特别适用高填充制品，包括PVC。
- ◆ 采用该异向双螺杆挤出机，其装机容量可减少50%以上，对前期的供电配置所需要的成本有明显的下降。



优势:

- ◆ 与传统的单螺杆结构相比：有超强的塑化混炼功能，可降低产品单位能耗，提高物料的混合能力，确保产品质量，降低物料的配方成本。
- ◆ 与同向平行双杆，同向锥形双螺杆结构相比：混合效果，塑化能力均有较大的提高。前者为压缩直线输送物料，达不到交叉混合的效果，且装机容量制造成本高20%-50%。

Advantages

- ◆ Compare with traditional single screw structure: supper high plasticization ability, low down the energy consumption, improve material mixing ability, guarantee product quality, cut the formulation cost. 20%-50%
- ◆ Compare with equi-direction parallel twin screw and equi-direction conical twin screw structure: great improvement of mixing effect and plasticization ability. The compressed straight feeding of material will increase 20%-50% of power supply cost and cannot reach cross-mixing effect.

主要技术参数Main Technical Parameter

型号 Model	螺杆数量 Screw Number	螺杆转向 Screw Diameter(mm)	螺杆最高转速 Max. Screw Speed(rpm)	主机功率 Drive Motor Power(kW)	最大挤出量 Max. Output(kg/h)
TWE55/110	2	异向向外 Counter direction outward	30	22	150
TWE65/132	2	异向向外 Counter direction outward	34.7	37	250
TWE80/156	2	异向向外 Counter direction outward	36.9	75	450
TWE92/188	2	异向向外 Counter direction outward	32.9	110	850

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

主要技术特点

- ◆ SJSZ系列锥形双螺杆挤出机适用于各类PVC粉料挤出成形的专用设备。
- ◆ 良好的低温塑化效果。
- ◆ 配备不同模具及各类辅机就能生产出各类PVC材料的管材、异型材、板材、片材、棒材及造粒。

Main Technical Features

- ◆ It is suitable to specialized machines for all kinds of PVC powder extrusion.
- ◆ Good low temperature plasticization effect.
- ◆ It will extrude different pipes, profiles, boards, sheets, rods and granulating of PVC material by working with different moulds and other auxiliary machines.



用于管材挤出For Pipe Extrusion

型号 Model	SJSZ51/105	SJSZ55/110	SJSZ65/132	SJSZ80/156	SJSZ92/188
螺杆直径 Screw Diameter (mm)	51/105	55/110	65/132	80/156	92/188
螺杆最高转速 Max. Screw Speed(rpm)	45	45	45	34.7	34.7
主电机功率 Main Motor Power(kW)	18.5	22	37	55	110
最大挤出量 Max. Output(kg/h)	120	150	250	400	800

用于型材挤出For Profile Extrusion

型号 Model	SJSZ51/105	SJSZ55/110	SJSZ65/132	SJSZ80/156	SJSZ92/188
螺杆直径 Screw Diameter (mm)	51/105	55/110	65/132	80/156	92/188
螺杆最高转速 Max. Screw Speed(rpm)	34.7	34.7	34.7	25	25
主电机功率 Main Motor Power(kW)	18.5	22	37	55	110
最大挤出量 Max. Output(kg/h)	80	120	220	320	600

SJSP系列平行双螺杆挤出机 SJSP Series Parallel Twin Screw Extruder

XINRONG

主要技术特点

- ◆ 先进而独特的螺杆设计，保证各种不同PVC物料的挤出：硬质PVC、软质PVC、透明PVC等。
- ◆ 三轴联动式的全式减速箱的设计，提供了充足的动力。
- ◆ 螺杆与减速箱的极佳配合，从而使平双的高品质塑化成为现实。



Main Technical Features

- ◆ Advanced and unique design for the screw makes it possible to extrude different PVC materials: rigid PVC, soft PVC, and transparent PVC.
- ◆ The design of three axis linkage type gearbox supplies enough power.
- ◆ Perfect match of screw and gearbox make it possible for the good material plasticization.

用于管材挤出For Pipe Extrusion

型号 Model	SJSP75/28	SJSP92/31	SJSP110/31	SJSP120/31	SJSP135/31
螺杆直径 Screw Diameter (mm)	75	92	110	120	135
长径比L/D	28:1	31:1	31:1	31:1	31:1
螺杆最高转速Max. Screw Speed(rpm)	45	45	45	45	45
主电机功率Main Motor Power (kW)	45	75	110	132	160
最大挤出量Max. Output(kg/h)	350	460	680	850	1100

用于型材挤出For Profile Extrusion

型号 Model	SJSP75/28	SJSP93/28	SJSP110/28	SJSP120/26	SJSP130/26
螺杆直径 Screw Diameter (mm)	75	93	110	120	130
长径比L/D	28:1	28:1	28:1	26:1	26:1
螺杆最高转速Max. Screw Speed(rpm)	36	36	35.8	34.3	34.3
主电机功率Main Motor Power (kW)	37	55	75	110	132
最大挤出量Max. Output(kg/h)	240	380	460	550	680

用于片材挤出For Sheet Extrusion

型号 Model	SJSP90/23	SJSP105/23	SJSP113/23	SJSP120/23	SJSP130/23
螺杆直径 Screw Diameter (mm)	90	105	113	120	130
长径比L/D	23:1	23:1	23:1	23:1	23:1
螺杆最高转速Max. Screw Speed(rpm)	45	45	40	35	30
主电机功率Main Motor Power (kW)	37	55	75	90	132
最大挤出量Max. Output(kg/h)	300	400	500	600	800

管材挤出模具

Pipe Extrusion Die

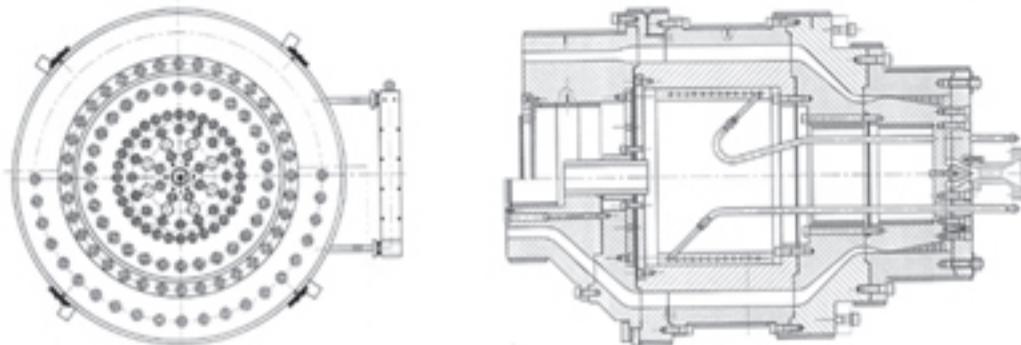
PO聚烯烃类管材挤出模具 Polyolefin Pipe Die Head



单层管材模具Die Head for Single Layer Pipe

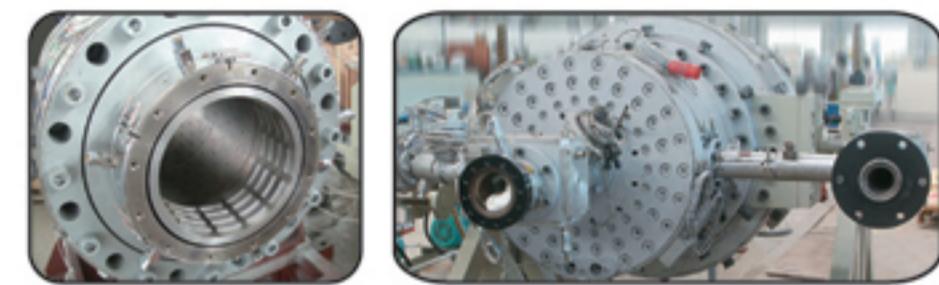
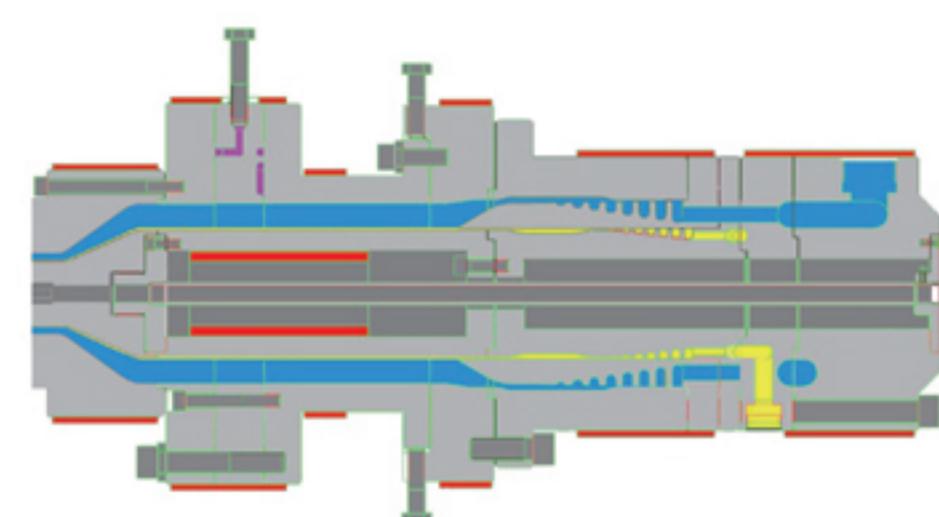
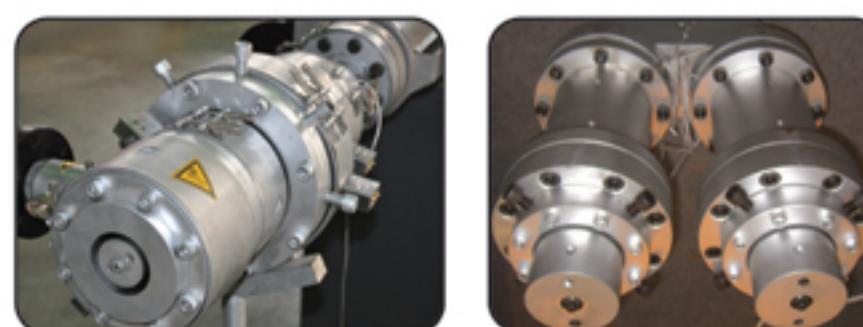
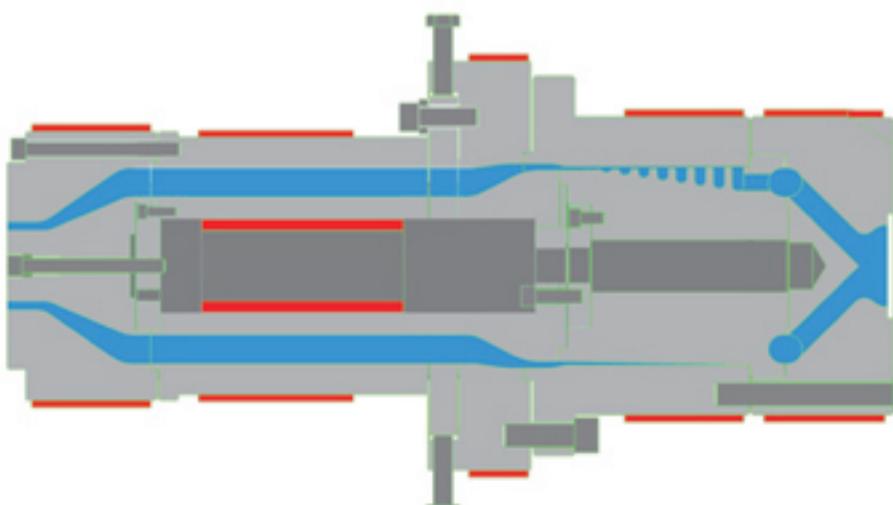
型号 Model	生产管材范围 Pipe Range(mm)	最大挤出量 Max Output(kg/h)
LXGM63	Φ 16~Φ 63	350
LXGM63S*	2 × (Φ 16~Φ 63)	550
LXGM110	Φ 20~Φ 110	500
LXGM160	Φ 50~Φ 160	550
LXGM250	Φ 75~Φ 250	800
LXGM315	Φ 90~Φ 315	800
LXGM450	Φ 110~Φ 450	800
LXGM630	Φ 280~Φ 630	1300
LXGM800	Φ 315~Φ 800	1300
LXGM1000	Φ 400~Φ 1000	1500
LXGM1200	Φ 500~Φ 1200	1700
LXGM1600	Φ 710~Φ 1600	2000

S*表示双管挤出 Double-strand pipes



螺旋式模具Spiral Type Die Head

- ◆ 提供单螺旋分配器，双螺旋分配器及多螺旋分配器。可生产单层、双层及多层结构的管材，并且可生产双色及多种颜色的管材，提高性能，节省成本，且每层的壁厚及流量可在线任意调整。
- ◆ 对物料的适应性强，用于各种热塑性材料包括：HDPE、LDPE、PE-HMW、PP、PP-R、PE-RT和ABS。
- ◆ 侧面喂料模具供选择。
- ◆ 芯部高效风冷式模具供选择。
- ◆ 多层共挤复合模具供选择，如带EVOH阻隔层的热水管，中间层含填充料或发泡原料的PP管，内层白色外层黑色的PE排污管，不同PE100原料层的PE管，等。
- ◆ 可抽真空式多层涂覆模具供选择，如铝塑管的覆铝，钢管的粘结层和外层，等。
- ◆ 单出和双管挤出模具供选择。
- ◆ Single spiral distributor, double spiral distributor and multi spiral distributor are supplied. Pipes of single layer, double layers and multi layers structure and pipes of double colors and multi colors can be made which improves functions and cuts cost. Meanwhile, the thickness of each layer and the material flow can be adjusted while production.
- ◆ Good suitability to different materials. It can be used for different thermoplastic materials: HDPE, LDPE, PE-HMW, PP, PP-R, PE-RT and ABS.
- ◆ Side feeding die head for choice.
- ◆ With inside high efficient air cooling system for choice.
- ◆ Multi-layer co-extrusion die head is for choice, such as hot water pipe with EVOH resistant layer, tri-layer PP pipe with filler or foam material inside, PE sewage pipe with white inner layer and black outer layer, PE pipe with different PE100 material of each layer, etc.
- ◆ Multi layers coating die head with vacuum suction is for choice, such as coating aluminum of PEX/Al/PEX pipe, adhesive layer and outer layer of steel pipe, etc.
- ◆ Single strand and double strand for choice.



多层共挤管材模具Pipe Die Head for Multi-layer co-extrusion

型号 Model	生产管材范围 Pipe Range(mm)	最大挤出量 Max Output(kg/h)
FHGM63-3	Φ 16~Φ 63	300
FHGM110-3	Φ 20~Φ 110	350
FHGM160-3	Φ 50~Φ 160	400
FHGM250-3	Φ 75~Φ 250	500
FHGM315-3	Φ 90~Φ 315	600
FHGM450-3	Φ 110~Φ 450	600
FHGM630-3	Φ 280~Φ 630	1000



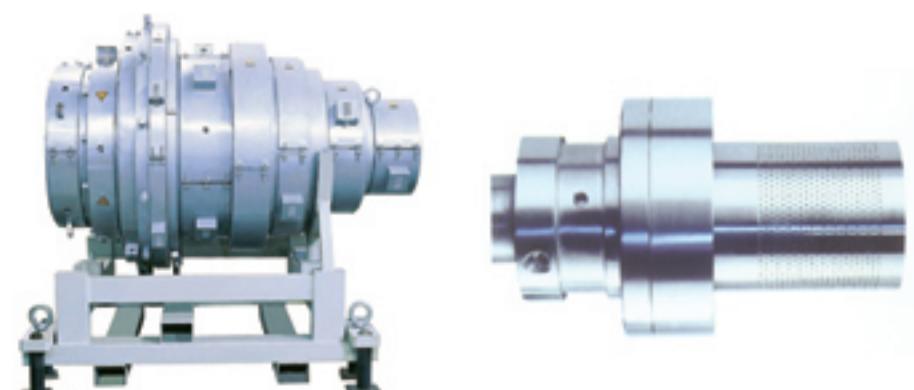
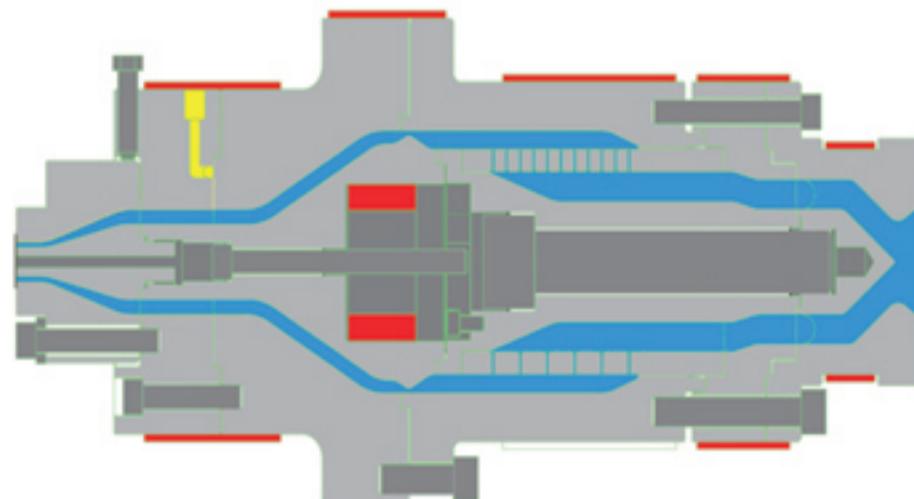
管材涂覆模具Pipe Coating Moulds

型号 Model	生产管材范围 Pipe Range(mm)	最大挤出量 Max Output(kg/h)
TFGM63	Φ 16~Φ 63	120
TFGM200	Φ 20~Φ 200	180
TFGM400	Φ 160~Φ 400	300
TFGM630	Φ 400~Φ 630	450
TFGM800	Φ 500~Φ 800	550

篮式模具Basket type Die Head

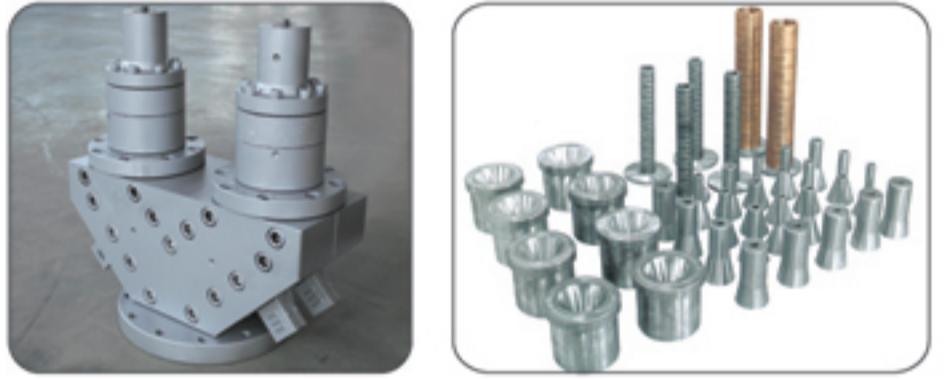
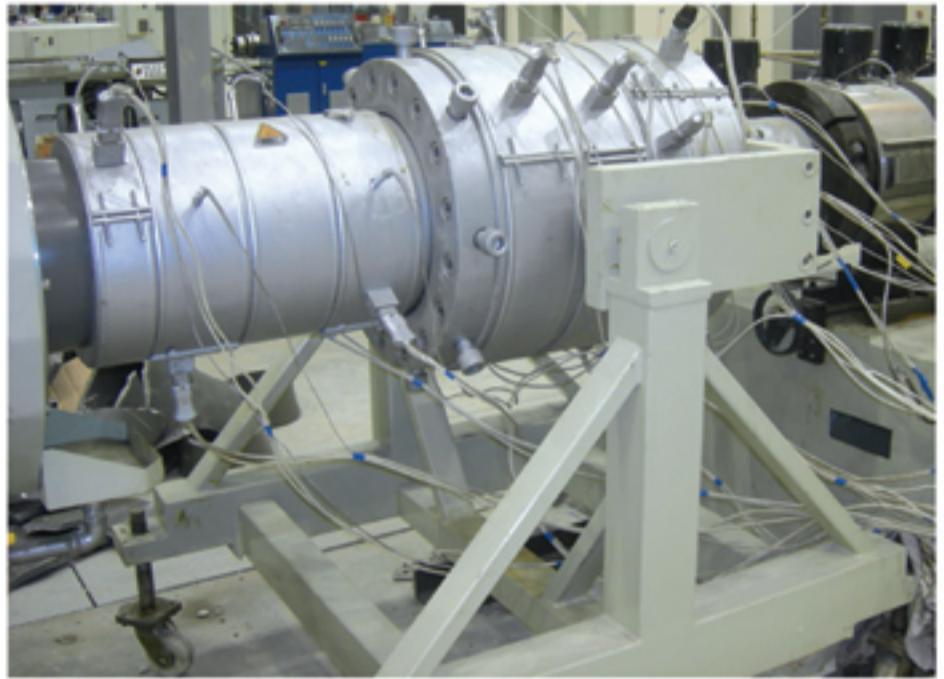
- ◆ 模头压力低，在高挤出率下仍保持低熔体温度。
- ◆ 由于经过两次换向，熔体具有良好的均匀度。
- ◆ 无论管径大小，都有较稳定的产品质量。
- ◆ 适用于挤出不受物料粘度变化影响的物料，如HDPE、LDPE、MDPE、PP、PP-R、PP-B、PB、PE-RT、PS、PC等。
- ◆ Low extrusion pressure. It keeps low melt temperature under high output.
- ◆ Good evenness of the melt because of the two times direction commutation.
- ◆ Stable output no matter the pipe sizes.
- ◆ Suitable for materials which not affected by self-viscosity, such as HDPE, LDPE, MDPE, PP, PP-R, PP-B, PB, PE-RT, PS, PC, etc.

型号 Model	生产管材范围 Pipe Range(mm)	最大挤出量 Max Output(kg/h)
LSGM63	Φ 16~Φ 63	350
LSGM110	Φ 20~Φ 110	500
LSGM160	Φ 50~Φ 160	550
LSGM250	Φ 75~Φ 250	800
LSGM315	Φ 90~Φ 315	800
LSGM450	Φ 110~Φ 450	800
LSGM630	Φ 280~Φ 630	1300
LSGM800	Φ 315~Φ 800	1300



管材挤出模具 Pipe Extrusion Die

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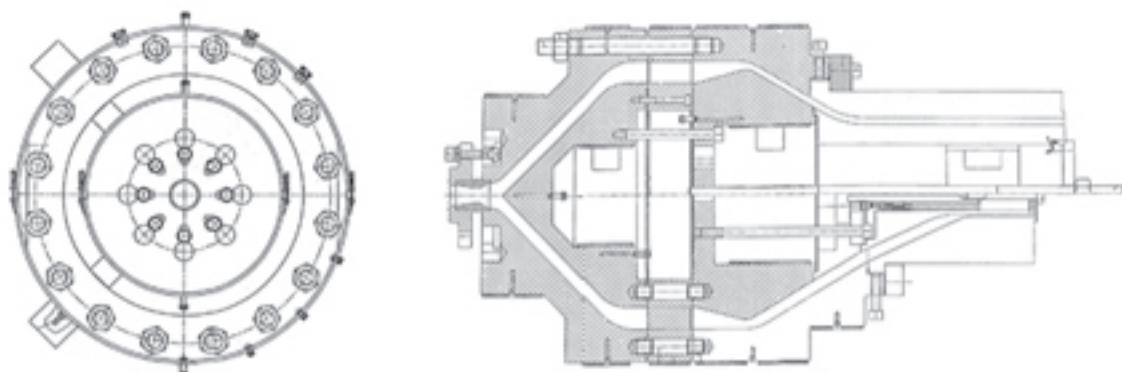


波纹管挤出模具Corrugated Pipe Die Head

双壁波纹管挤出模具Double-wall Corrugated Pipe Die Head

- ◆ 螺旋进料结构，挤出稳定、高效。
- ◆ 壁厚可调节功能。
- ◆ 冷却水套分段控制。
- ◆ 内部气压比例阀控制和光电开关控制供选择。
- ◆ Spiral feeding structure. Stable and efficient extrusion.
- ◆ Thickness adjustable function.
- ◆ Segmented controlling for water cooling sleeve.
- ◆ Proportional valve control and photoelectric switch control of inner pressure for choice.

型号 Model	生产管材范围 Pipe Range(mm)	最大挤出量 Max Output(kg/h)
SBJC16	ID90-ID160	400
SBJC25	ID110-ID250	500
SBJC40	ID200-ID400	700
SBJC60	ID225-ID600	1000
SBJC80	ID225-ID800	1400
SBJC120	ID500-ID1200	1500



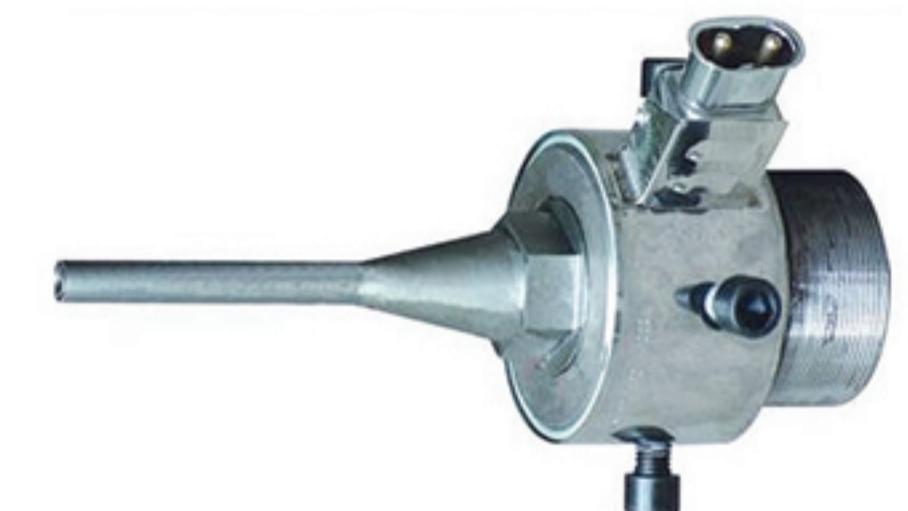
PVC管材挤出模具 PVC Pipe Die Head

- ◆ 在整个流道上，具备良好的流动性能。
- ◆ 对温度敏感的材料进行选择性的温度控制从而获得理想的滞留时间。
- ◆ 提供支架式和分流支架式供选择。
- ◆ Good mobility through whole flow channel.
- ◆ Alternatively temperature controlling specially for temper sensitive material to get ideal stranded time.
- ◆ Spider type and distributing spider type for choice.

型号 Model	生产管材范围 Pipe Range(mm)	最大挤出量 Max Output(kg/h)
ZJM32SS*	4 × (Φ 16~Φ 32)	400
ZJM63	Φ 16~Φ 63	200
ZJM63S*	2 × (Φ 16~Φ 63)	400
ZJM160	Φ 75~Φ 160	500
ZJM250	Φ 125~Φ 250	550
ZJM450	Φ 315~Φ 450	900
ZJM630	Φ 355~Φ 630	1100

S*表示双管挤出 Double-strand pipes

SS*表示四管挤出 Four-strand pipes



单壁波纹管挤出模具Single-wall Corrugated Pipe Die Head

- ◆ 内压式设计。
- ◆ 结构紧凑，便于更换。
- ◆ 适用于PE,PP,PVC等多种原料。
- ◆ Pressure from inside design.
- ◆ Integrated structure is easy to exchange.
- ◆ Suitable to variety of materials: PE, PP, PVC and etc.

型号 Model	生产管材范围 Pipe Range(mm)	最大挤出量 Max Output(kg/h)
DBJC5	16~50	140

管材定径套Calibration Sleeve

- ◆ 可根据不同管材提供最适用的定径套。
- ◆ Supply different kinds of calibration sleeve for different pipes.



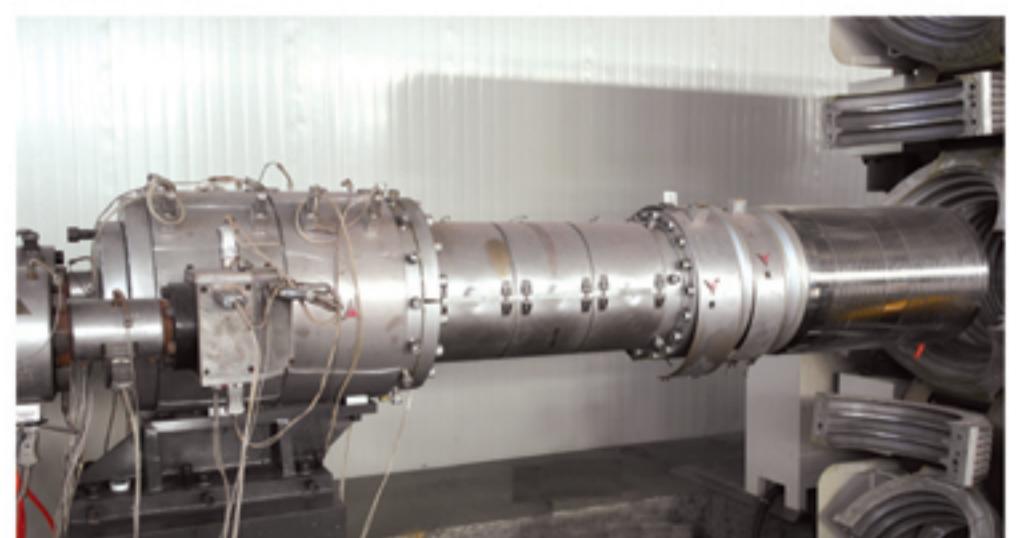
湿导入定径套Wet-insert Calibration Sleeve

- ◆ 有一个朝向模具的圆锥形的强冷却入口，紧接入口之后是一个宽度可以调整的水杯，它可以湿润管材的整个表面。
- ◆ 管材和定径套之间水膜的作用类似润滑剂，防止塑料黏结到定径套表面上。
- ◆ 适用于小口径管材的高速挤出。
- ◆ 水膜式，水帘式和碟片式供选择。
- ◆ Behind a strong cooling conical inlet which facing the die head is a cup with adjustable width which can wet the whole pipe surface.
- ◆ The water film between pipe and calibration sleeve works as the lubricator to prevent plastic material adhesive to sleeve surface.
- ◆ Suitable for high speed extrusion of small pipes.
- ◆ Water film type, water curtain type and disc type for choice.



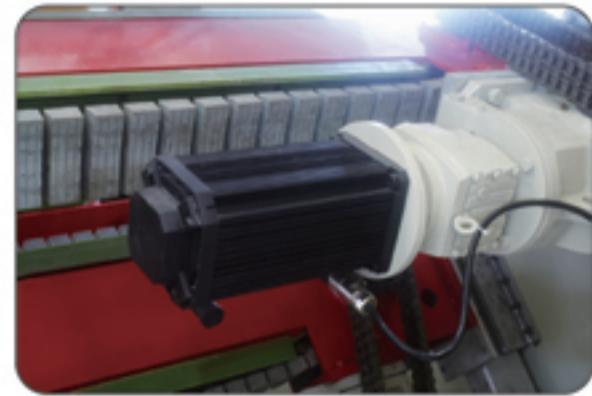
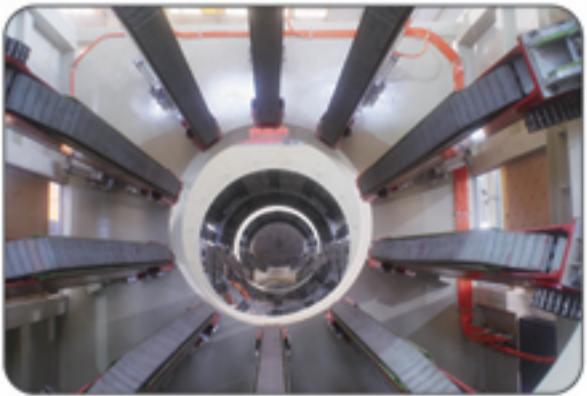
干导入定径套Dry-insert Calibration Sleeve

- ◆ 导入端避免了管材与水的接触，可以获得出色的表面质量。
- ◆ 适用于大口径管材。
- ◆ 喷淋式供选择。
- ◆ Avoid pipe from water to guarantee good surface quality.
- ◆ Suitable to big size pipe.
- ◆ Spray type for choice.



型号 Model	形式 Type	生产管材范围 Pipe Range(mm)	最大挤出量 Max Output(kg/h)
SLD110	水帘式 Water Curtain Type	Φ 16~Φ 110	PP,PP-R,PB,PE
SMD160	水膜式 Water Film Type	Φ 16~Φ 160	HDPE,MDPE,LDPE,PE-RT
DD63	碟片式 Disc Type	Φ 16~Φ 63	PP-R,PB,PA
PD1600	喷淋式 Spray Type	Φ 75~Φ 1600	HDPE,MDPE,LDPE,PP
GFD630	水帘式 Water Curtain Type	Φ 16~Φ 630	PVC,PC,PMMA,ABS





主要技术特点

- ◆ 带压力微调装置，可对压紧力进行调整，防止管材变形。
- ◆ 配长度测量装置以保证准确计长切割。
- ◆ 变频控制和伺服控制供选择。
- ◆ 多履带牵引或皮带牵引供选择。

Main Technical Features

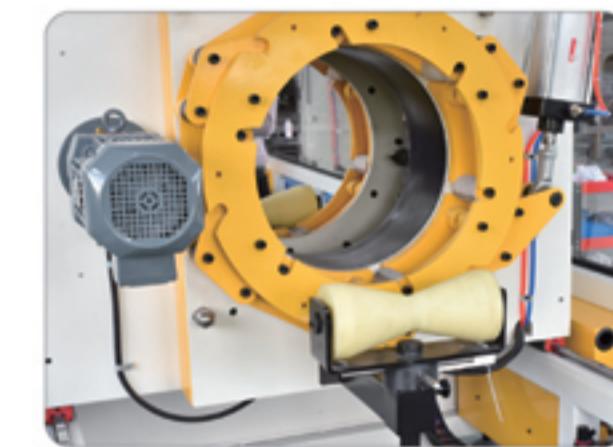
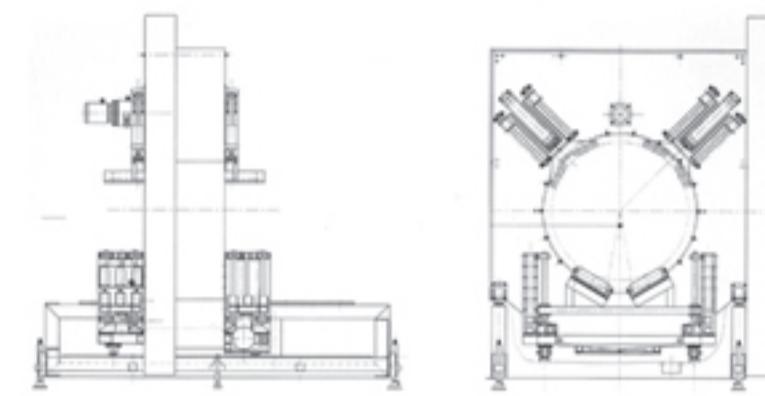
- ◇ With pressure inching device to adjust the pressing force to prevent pipe from deformation.
- ◇ With encoder for accurate length cutting.
- ◇ Frequency conversion control and serve control for choice.
- ◇ Multi-caterpillar haul-off and belt haul-off for choice.



主要技术参数 Main Technical Parameter

型号 Model	生产管材范围 Pipe Range(mm)	牵引方式 Hauling Type	履带数量 Caterpillar Number	牵引电机功率 Motor Power(kW)	有效牵引长度 Effective Hauling Length(mm)	最大牵引力 Max. Hauling Force(N.m)	牵引速度 Speed (m/min)
LDQY63	Φ16-Φ63	履带式Caterpillar	2	2×1.1	1000	6000	1.2-12
PDQY63	Φ16-Φ63	皮带式Belt	2	2×1.5	1100	12000	2.0-20
LDQY110	Φ20-Φ110	履带式Caterpillar	2	2×1.5	1400	15000	1.0-10
LDQY110/3	Φ50-Φ110	履带式Caterpillar	3	3×1.5	1400	20000	1.0-10
LDQY160	Φ50-Φ160	履带式Caterpillar	2	2×1.5	1400	15000	1.0-10
LDQY160/3	Φ50-Φ160	履带式Caterpillar	3	3×1.1	1400	16000	0.8-8
LDQY250	Φ75-Φ250	履带式Caterpillar	3	3×1.1	1500	20000	0.38-3.8
LDQY250/4	Φ75-Φ250	履带式Caterpillar	4	4×1.1	1500	22000	0.35-3.5
LDQY315	Φ90-Φ315	履带式Caterpillar	4	4	1500	25000	0.3-3
LDQY450-D	Φ110-Φ450	履带式Caterpillar	6	5.5	1600	30000	0.3-3
LDQY450	Φ110-Φ450	履带式Caterpillar	6	5.5	2200	35000	0.2-2
LDQY630-D	Φ250-Φ630	履带式Caterpillar	6	7.5	1600	35000	0.2-2
LDQY630	Φ250-Φ630	履带式Caterpillar	6	6×0.75	2500	45000	0.1-1
LDQY630/8	Φ250-Φ630	履带式Caterpillar	8	8×0.75	2500	55000	0.1-1
LDQY800	Φ315-Φ800	履带式Caterpillar	8	8×0.55	2500	60000	0.07-0.7
LDQY1200	Φ500-Φ1200	履带式Caterpillar	10	10×0.55	3000	90000	0.05-0.5
LDQY1600	Φ710-Φ1600	履带式Caterpillar	12	12×1.1	2800	105000	0.04-0.4

切割机 Cutting Unit

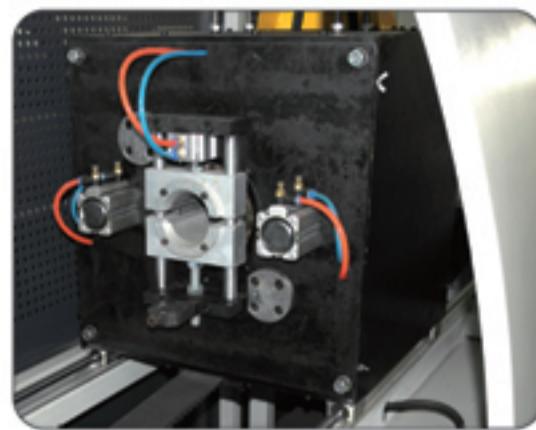


主要技术特点

- ◆ 超长寿命、优质合金刀片/锯片。
- ◆ 工作台前后移动采用直线导轨，以保证切割平稳。
- ◆ PLC变频控制。
- ◆ 锯片式、行星式和刀片式切割供选择。
- ◆ 锯片式和行星式切割配强力吸尘装置。
- ◆ 带倒角刀的行星切割机供选择，用于切割PVC管材。

Main Technical Features

- ◆ Long life, quality alloy knife and blade.
- ◆ Worktable moves forward-and-backward on linear guide track for stable cutting.
- ◆ PLC frequency conversion control .
- ◆ Powerful suctioner supplied for saw cutter and planetary saw cutter.
- ◆ Saw cutter, planetary saw cutter and dust-free knife cutter for choice.
- ◆ Planetary cutter with chamfering blade for PVC pipe, for choice.



无屑刀片切割机Dust-free Knife Cutter

型号 Model	生产管材范围 Pipe Range(mm)	最大切割壁厚 Max. Cutting Thickness (mm)	切割电机功率 Cutting Motor Power(kW)
WXQG63	Φ 16–Φ 63	12	1.1
WXQG110	Φ 20–Φ 110	16	2.2
WXQG160	Φ 50–Φ 160	20	2.2
WXQG250	Φ 75–Φ 250	25	2.2
XXQG40	ID200–ID400	Cut corrugated pipe	3
XXQG60	ID225–ID600	Cut corrugated pipe	3
XXQG80	ID225–ID800	Cut corrugated pipe	3
XXQG120	ID500–ID1200	Cut corrugated pipe	3



锯片切割机Saw Cutter

型号 Model	生产管材范围 Pipe Range(mm)	切割电机功率 Cutting Motor Power(kW)
JPQG160	Φ 50–Φ 160	2.2
CRQG800	Φ 200–Φ 800	4.0
CRSC1200	Φ 400–Φ 1200	7.5
CRSC1800	Φ 800–Φ 1800	7.5
CRSC2600	Φ 1600–Φ 2600	7.5
CRSC3200	Φ 2000–Φ 3200	7.5

行星切割机Planetary Saw Cutter

型号 Model	生产管材范围 Pipe Range(mm)	最大切割壁厚 Max. Cutting Thickness (mm)	切割电机功率 Cutting Motor Power(kW)
XXQG250	Φ 75–Φ 250	25	2.2
XXQG315	Φ 90–Φ 315	30	3.0
XXQG450	Φ 110–Φ 450	45	4
XXQG630	Φ 280–Φ 630	60	5.5
XXQG800	Φ 315–Φ 800	60	7.5
XXQG1200	Φ 500–Φ 1200	70	7.5
XXQG1600	Φ 710–Φ 1600	95	10

PVC、PP全自动扩口机

Belling Machine for PVC, PP Pipes

XINRONG



主要技术特点

- ◆ 我公司根据国内管材生产中市场需求，根据本公司技术优势，借鉴国外先进设备而开发设计制造的产品。
- ◆ 具有外形美观，结构合理，技术先进，操作方便等优点。
- ◆ 与相应的管材生产线、并配以相应的各规格扩口模具，可完成Φ630mm以下各规格的塑料管材直口、R口和方口的全过程自动化生产。
- ◆ 电加热，加热快速、均匀。
- ◆ 扩口段深度模具可调。
- ◆ 单加热炉、双加热炉和多加热炉供选择。
- ◆ 单扩口工位和双扩口工位供选择。
- ◆ 成型冷却风冷和水冷供选择。

Main Technical Features

- ◇ Developed, designed and made based on the requirements of pipe producers, relying on our own technology advantages and learning from abroad advanced equipment.
- ◇ With characteristics of good outlook, reasonable structure, advanced technology and easy operation.
- ◇ Equipped with socketing molds of corresponding specifications and pipe extrusion machines, it can accomplish automatic socketing for pipe diameter less than Φ630mm to the shape of straight-type, R-type and square-type.
- ◇ Quick and even electrical heating.
- ◇ Adjustable Socketing depth.
- ◇ Adjustable backward speed of socketing mold.
- ◇ Single-heating oven, double-heating oven and multi-heating oven for choice.
- ◇ Single-socketing station and double-socketing station for choice.
- ◇ Water cooling type and air cooling type for choice.

主要技术参数 Main Technical Parameter

型号 Model	XRLK63-S*	XRLK250	XRLK450	XRLK630
适用扩口类型 Socketing Type	直口 Straight-type	直口, R口, 方口 Straight-type, R-type, square-type		
扩口管材范围 Pipe Range(mm)	Φ20~63	Φ75~250	Φ125~450	Φ200~630
扩口管材最大长度 Max. Pipe Length(mm)	6000	8000	8000	8000
扩口机用电总功率 Total Power(kW)	9	32	35.8	50
加热炉内的外加热最大功率 Max. Power of Outer Heating in Oven(kW)	6	15	16.8	16.8
加热炉内的内加热最大功率 Max. Power of Inner Heating in Oven(kW)	-	3	3	5
液压系统工作压力 Working Hydraulic Pressure(MPa)	-	1.5~3.5	1.5~5	1.5~5.5
扩口机用气最大压力 Max. Air Pressure(MPa)	0.4	0.6	0.7	0.7

S*表示双扩口工位 Double socketing stations

PE实壁管标准PE Pipe Standard ISO 4427-2:2007(E)

Table 2 – Wall thicknesses 管材壁厚表

PE	管系列 Pipe Series									
	SDR6	SDR7.4	SDR9	SDR11	SDR13.6	SDR17	SDR21	SDR26	SDR33	SDR41
	S 2.5	S 3.2	S 4	S 5	S 6.3	S 8	S 10	S 12.5	S 16	S 20
公称压力 Nominal pressure (PN) bar										
PE40		PN10	PN8			PN5	PN4	PN3.2	PN2.5	
PE63					PN10	PN8		PN5	PN4	PN3.2
PE80	PN25	PN20	PN16	PN12.5	PN10	PN8	PN6	PN5	PN4	PN3.2
PE100		PN25	PN20	PN16	PN12.5	PN10	PN8	PN6	PN5	PN4
壁厚 Thickness mm										
16	3.0	2.3	2.0							
20	3.4	3.0	2.3	2.0						
25	4.2	3.5	3.0	2.3	2.0					
32	5.4	4.4	3.6	3.0	2.4	2.0				
40	6.7	5.5	4.5	3.7	3.0	2.4	2.0			
50	8.3	6.9	5.6	4.6	3.7	3.0	2.4	2.0		
63	10.6	8.6	7.1	5.8	4.7	3.8	3.0	2.5		
75	12.5	10.3	8.4	6.8	5.6	4.5	3.6	2.9		
90	15.0	12.3	10.1	8.2	6.7	5.4	4.3	3.5		
110	18.3	15.1	12.3	10.0	8.1	6.6	5.3	4.2		
125	20.8	17.1	14.0	11.4	9.2	7.4	6.0	4.8		
140	23.3	19.2	15.7	12.7	10.3	8.3	6.7	5.4		
160	26.6	21.9	17.9	14.6	11.8	9.5	7.7	6.2		
180	29.9	24.6	20.1	16.4	13.3	10.7	8.6	6.9		
200	33.2	27.4	22.4	18.2	14.7	11.9	9.6	7.7		
225	37.4	30.8	25.2	20.5	16.6	13.4	10.8	8.6		
250	41.5	34.2	27.9	22.7	18.4	14.8	11.9	9.6		
280	46.5	38.3	31.3	25.4	20.6	16.6	13.4	10.7		
315	52.3	43.1	35.2	28.6	23.2	18.7	15.0	12.1	9.7	7.7
355	59.0	48.5	39.7	32.2	26.1	21.1	16.9	13.6	10.9	8.7
400		54.7	44.7	36.3	29.4	23.7	19.1	15.3	12.3	9.8
450		61.5	50.3	40.9	33.1	26.7	21.5	17.2	13.8	11
500			55.8	45.4	36.8	29.7	23.9	19.1	15.3	12.3
560			62.5	50.8	41.2	33.2	26.7	21.4	17.2	13.7
630			70.3	57.2	46.3	37.4	30.0	24.1	19.3	15.4
710			79.3	64.5	52.2	42.1	33.9	27.2	21.8	17.4
800			89.3	72.6	58.8	47.4	38.1	30.6	24.5	19.6
900				81.7	66.2	53.3	42.9	34.4	27.6	22
1000					90.2	72.5	59.3	47.7	38.2	30.6
1200						88.2	67.9	57.2	45.9	36.7
1400							102.9	82.4	66.7	53.5
1600							117.6	94.1	76.2	61.2
1800							105.9	85.7	69.1	54.5
2000							117.6	95.2	76.9	60.6

其它相关产品
Related Machines

XIN RONG



干燥料斗
Hopper Dryer



真空上料机
Vacuum Loader



螺旋上料机
Spiral Loader



称重计量系统
Gravimetric Weighing System



单轴撕碎机
Single-shaft Shredder



双轴撕碎机
Double-shaft Shredder



磨粉机
Milling Machine



提升式干燥机
Lifting Dryer



计米打印机
Ribbon Printer



喷墨打印机
Ink-jet Printer



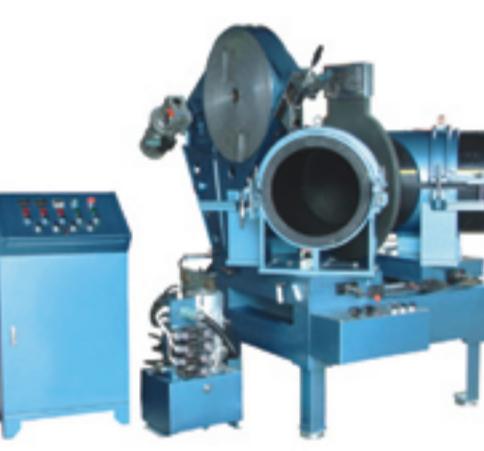
模温机
Mold Temperature Regulator



冷水机
Water Chiller



液压对接焊接
Hydraulic Butt Welding Machine



管件角接焊机
Fitting Fabrication



多角切割机
Band Saw



铝皮剥离机
Aluminum Stripper



混色机
Mixer



立式混料机
Vertical Compounding Mixer



卧式混料机
Horizontal Compounding Mixer



破碎机
Crusher



铝带对接焊机
Aluminum Butt-welder



点焊接带机
Spot Welding Splicer



超声波金属滚焊机
Ultrasonic Metal Seam Welder



超声波金属接带机
Ultrasonic Metal Splicer