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挤出机和挤出生产线  
**Extruder and Extrusion Line**  
Экструдеры и Экструзионные Линии



**青岛朗逸机械有限公司**

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青岛朗逸机械有限公司  
QINGDAO LEADER MACHINERY CO., LTD.  
ООО Лидер Экструзионные Оборудования



# 青島朗逸機械概況 | BRIEF INTRODUCTION

Qingdao Leader Machinery Co., Ltd. is a special professional manufacturing and supplying high-tech enterprises of new extrusion equipment. Since foundation, we follow: "Independent research and development and innovation", and have been dedicated to study and application of new products, new technology and new technology of plastics extrusion equipments on the basis of improving tradition, combined with international advanced manufacturing level, to create a first class among domestic products.

Through ISO9001-2000 quality certification and CE certification, strict following the standards of modern enterprise, the overall strengthening the effective management of production, procurement, technology, quality and after-sale service, we win the market by high-quality products and services. At present, products have been exported to the United States, South Korea, Russia, UAE, Turkey, Iran, Saudi Arabia, South Africa, Libya, Bangladesh, Mexico, Chile and other countries and regions, praised by customers.

## О КОМПАНИИ

ЦИНДАОСКАЯ МАШИНОСТРОИТЕЛЬНАЯ КОМПАНИЯ ООО ЛИДЕР специализируется на производстве экструзионного оборудования для переработки полимеров. Компания сочетает в себе разработку дизайна оборудования и его изготовление. С момента создания компания исповедует философию «Исследование собственными силами», нацелена на изучение и применение современных технологий для создания новой отечественной продукции высокого класса на основе сочетания традиционных технологий с передовыми международными технологиями.

Компания сертифицирована по ISO9001-2000 и CE, соблюдение норм которых обеспечивает эффективное управление производством, закупкой материалов и комплектующих, качеством оборудования и сервисом после его продажи.

В настоящее время наше оборудование было поставлено в США, Южную Корею, Россию, ОАЭ, Турцию, Иран, Саудовскую Аравию, Южную Америку, Ливию, Бангладеш, Мексику, Чили, в другие страны и регионы, и получило высокую оценку со стороны клиентов.



# 产品认证 CERTIFICATES СЕРТИФИКАТЫ



## PVC门窗型材生产线

### PVC Window and Door Profile Extrusion Line

Линия для профилей окон и дверей из ПВХ



YF系列PVC异型材生产线主要用于PVC门窗异型材，木塑型材，踢脚线，扣板，穿线槽，装饰型材等。

该机组由锥形双螺杆，真空定型台，牵引机，切割贴膜机，翻料台等组成，可以根据不同型材断面及模具，选用不同规格的挤出机。

真空定型台采用特殊加大旋涡流冷却系统，便于冷却定型，根据不同模具，定型台可选用4米，6米，8米，10米等规格，用于满足高速挤出的要求。

牵引机采用我公司独特升降技术，工作平稳，可靠性好，牵引力大，切割机移动速度与牵引机保持同步，设计合理，运行平稳，可自动定长切割，并配备粉尘回收装置。

该机组具有造型新颖，结构合理，使用方便等特点。

YF series PVC profile extrusion line is mainly used for extrusion of PVC window and door profile, wood-plastic profile, plintus, wall panel and ceiling panel, electrical conduit trunking chanel, decorating profile etc.

The whole production line includes conical twin screw extruder, vacuum calibration table, haul-off unit, cutting unit, film-sticking device, and stacker. According to different profile section and mold design, varied models of conical twin screw extruder is adopted for extrusion.

Vacuum calibration table adopts powerful turbo cooling system, in order to achieve satisfactory cooling effect, According to different design of moulds, the calibration table length can be optional as 4m, 6m, 8m, 10m to meet the requirements of high speed extrusion.

Haul-off unit adopts special lifting technology, and has the features of stable running, reliable working, reasonable design, powerful hauling, etc. The moving speed of cutting unit is synchronized with hauling speed, Through presetting, the cutting unit is capable for automatic cutting with fixed length. Dust recycling device is also equipped.

The extrusion line bears the features of novel design, reasonable structure, convenient operation, etc.

Model	YF-100	YF-180	YF-240	YF-300	YF-400	YF-500
Max width of products, mm	100	180	240	300	400	500
Model of extruder	SJSZ-45/100	SJSZ-55/110	SJSZ-65/132	SJSZ-65/132	SJSZ-65/132	SJSZ-80/156
Max output, kg/h	80	150	250	250	250	360
Main motor power, KW	15	22	30/37	37	37	55
Cooling water, m <sup>3</sup> /h	5	5	7	7	8	10
Compressed air, m <sup>3</sup> /min	0.2	0.2	0.3	0.3	0.3	0.4

## PVC木塑发泡宽幅门板生产线

### PVC Wood-Plastic Foam Door Plate Extrusion Line

Линия для дверного полотна из ПВХ+ дерево (ДПК)



PVC木塑发泡门板生产线所生产的制品—木塑发泡板集中了木材和塑料的优点，不仅有天然的外观而且克服了天然木材的不足之处，具有同木材相类似的良好加工性能，可锯，可钉，可刨，使用木工工具即可完成。且握钉力明显优于普通木质材料；具有与硬木相当的抗压、抗冲击等物理机械性能，并且其耐用性明显优于普通木质材料；木塑材料及其产品，可抗强酸碱、耐水、耐腐蚀，并且不繁殖细菌，不易被虫蛀，不长真菌；还可以抗老化、防静电、阻燃。

本机组生产的产品也可用于建筑模板、玩具积木用板、托盘、包装箱、集装箱等包装产品，底铺板、枕木等仓储用品，室外地板、护栏等户外用品；室内地板、阳光房、指示牌、周转箱、场馆座椅、承重梁等。

PVC wood-plastic foam plate made by this line collects the advantages of wood and plastic. It not only has appearance of natural wood, but also overcomes shortcoming of wood, it has good processing performance which is similar to wood, it can be sawed and nailed. It can be finished with woodworking tools. Its fixed force is clearly stronger than normal wood material. It has physical characteristics, such as resistance to compression, resistance to impact and others which are similar to hard wood. And its durable function is clearly better than normal wood material. Wood-plastic material and its products can be resistance strong acid and alkali, water proof, corrosion resistance, besides, germ can not breed on it. It is not moth-eaten, it can be aging resistance, static electricity resistance.

The products made by this machine can also be used in making building template, toy building blocks, tray, package box, sleeper, outdoor floors, railings, garden chars and other outdoor facilities, indicating plate, circulating box, rood beam and others.

#### Main Technical Data

Type	WPC foam door board extrusion line			
Model	MS600	MS800	MS1000	MS1250
Width of product(mm)	600	800	1000	1250
Extruder model	SJSZ80/156	SJSZ80/156	SJSZ92/188	SJSZ92/188
Main motor power(KW)	55	55	132	132
Max. output (kg/h)	280	280	600	600
Cooling water (m <sup>3</sup> /h)	10	12	15	18
Compress air (m <sup>3</sup> /min)	0.6	0.8	1	1.2

**PVC 扣板生产线**  
**PVC Wall Panel & Ceiling Panel Extrusion Line**

Линия для стеновых и потолочных панелей из ПВХ



PVC扣板生产线主要用于PVC天花扣板和墙板的挤出，该生产线可以根据制品规格，配备不同规格的挤出机及辅机。挤出机采用陶瓷加热器，优质品牌温控表，风机冷却；变频或直流调速，螺杆芯部冷却。定型台采用特殊冷却系统，使制品的冷却效率更高；牵引机采用独特的升降技术，工作平稳，性能好，牵引力大；切割机与生产线同步切割，配备定长装置，具有切割断面整齐，切割速度快，切割长度均匀。

PVC wall panel & ceiling panel extrusion line mainly used for extrusion production of PVC wall panel & ceiling panel. This line can be combined with different types of extruders and accessory machineries according to the size of products. Adopted ceramic heaters, high-quality thermocontrollers, air-cooling blowers, inverter speed adjusting or DC speed adjusting, and screw core cooling. For calibrating table adopted special cooling system, which can guarantee the high cooling effective. For haul-off machine adopted special lifting technology, which works stably with big haul-off force. Cutting machine works together with extrusion line synchronously, installed with length-setting unit, which can guarantee trim and high-speed cutting, uniform length of cutting.

**Main Technical Data**

Name	Discription	YF-250, YF-300, YF-400, YF-500
Conical twin screw extruder	Model	SJSZ-51/105 or SJSZ-65/132
	Dimension	3300*1450*2100
	Capacity(kg/h)	50-150,
	Motor power(KW)	26
Calibrating table	Dimension	2600*660*1500
	Motor power(KW)	4
Haul-off	Dimension	2500*1150*1660
	Motor power(KW)	3 or 5.5
Cutter	Dimension	1600*1000*1400
	Cutting type	Cutting without scraps

**PVC/PE木塑（发泡）型材生产线**  
**PVC/PE WPC (Foam) Profile Extrusion Line**

Линия для (вспененных) профилей из ДПК



该产品具有以下优点：

- 一. 木塑复合材料可以代替木材，保护森林资源。
- 二. 木塑复合材料可以利用植物秸秆，减少环境污染
- 三. 木塑复合材料可消除白色污染，净化自然环境

该生产线制品可用于制作建筑模板、玩具积木用板、托盘、包装箱、集装器具等包装产品；底铺板、枕木等仓储用品，室外地板，护栏，园林椅等户外用品；室外地板、阳光房、指示牌、周转箱、场馆椅、承重梁等。

The line uses raw plastic material or recycled plastics (PVC, PE, PP) and wood fiber (wood powder and other plant fiber such as rice bran, straw, etc.) as the main raw material (the two accounted for more than 90%) the production of an industrial – wood plastic composites (WPC).

The product has the following advantages:

- 1. Wood-plastic composite materials instead of full-wood products, protecting forest resources.
- 2. Wood-plastic composites can use the stalks of plants, reducing environmental pollution
- 3. Wood-plastic composite material to eliminate white pollution, cleaning up the natural environment

The production line of products can be used for the production of building templates, building blocks toys with plates, trays, boxes, pallets and other packaging equipment; the end of plank, sleepers and other storage supplies, outdoor flooring, railing, outdoor chairs, garden supplies; outdoor flooring, sun rooms, signage, flow box, stadium chairs, and other load-bearing beam.

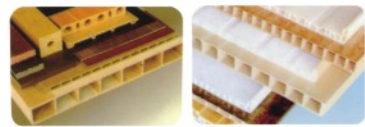
**Main technical data of WPC extrusion line:**

Model/Spec.	Conical twin-screw extruder		
	SJZ65/132	SJZ80/156	SJZ92/188
Model	SJZ65/132	SJZ80/156	SJZ92/188
Driving motor power	37KW	55KW	110KW
Output	120Kg/h	210Kg/h	330Kg/h
Central height	1000mm	1000mm	1050mm

## PVC窗台板生产线

### PVC Windowsill Extrusion Line

Экструзионная линия для подоконника из ПВХ



该生产线采用专门设计的SJSZ锥形双螺杆挤出机，主要用于生产PVC窗台板，还可以生产宽幅门板，橱柜板等。选用不同规格的锥形双螺杆挤出机，并配置相应的真空定型台，牵引机，切割机及堆料架等辅助设备，配置大型强制冷却装置确保定型效果，产品宽度可以在600mm-1250mm之间选择。

采用进口调速器，具有调速范围广，温控精度高，操作方便可靠等优点。

履带式牵引机采用精密减速电机以及变频器，具有结构合理，牵引力大，牵引稳定等优点。切割机具有工作可靠准确，切割精度高的优点，辅机机组采用可编程电脑控制或国产名牌控制系统，整机控制可靠稳定。

Applying specially-designed SJSZ conical twin screw extruder, this production line is mainly used for producing of PVC windowsill, construction board, wide door plate, cabinet board, indoor/outdoor decorating material, etc. The whole production line includes conical twin screw extruder, vacuum calibration table, haul-off unit, stackers, as well as other optional auxiliary units. With powerful chiller to guarantee the calibration effect of the products, the extrusion width can be optional between 600-1250mm.

International brand speed governor, bearing the advantages of wide governing range, high thermocontrol precision, convenient and reliable operation, etc.

Caterpillar haul-off unit adopts precision reduction motor, with speed controlled by inverter, it has advantages of reasonable structure, large traction power, stable hauling, etc.

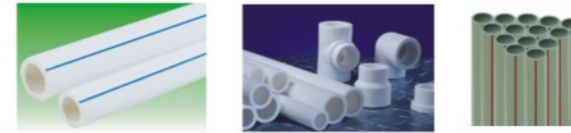
Cutting unit bears the advantages of reliable working, high-precision cutting, etc. PLC programming control or famous domestic brand controlling system is adopted for the auxiliary units, which is stable and reliable.

Model	YF-600	YF-800	Yf1000	YF-1250
Max width of products, mm	600	800	1000	1250
Model of extruder	SJSZ-80/156	SJSZ-92/188	SJSZ92/188	SJSZ-92/188
Max output, kg/h	360	500	600	600
Extruder motor power, KW	55	90	110	132
Cooling water, m³/h	12	13	15	18
Compressed air, m³/min	0.5	0.6	0.8	1

## PE/PERT/PPR供水管材生产线

### PE/PERT/PPR Water Pipe Extrusion Line

Экструзионная линия для труб водоснабжения из ПЭ/ПЭРТ/ППР



该机组采用特殊的分离螺杆设计和强化的塑化效果设计保证PP-R高速高质量挤出，高剪切力与低塑化温度保证原料高性能挤出，计量上料机与干燥系统保证PP-R均匀挤出。

螺旋分流式挤出模具是专门为PP-R管而设计，生产范围20-160mm，生产最高速度可达：10m/min。

Using a special screw design and enhanced plasticization effect of PP-R to ensure high-quality high-speed extrusion, high shear stress and low temperature to ensure that raw materials of high-performance plastics extrusion, the measurement on the feeder with the drying system to ensure that PP-R extrusion uniform.

Split spiral extrusion die is designed for PP-R pipe, production range of 20-160mm, the maximum line speed up to: 10m/min

#### Main technical data:

Model/Spec.	Diameter range (mm)	Extruder model	Line speed (m/min)	Max. Capacity (Kg/h)	Installed power (kw)
LPG65/30	20-63	LSJ65/30	1-10m/min	120	55
LPG90/30	75-160	LSJ90/30	0.2-4.5m/min	260	120

## HDPE供水/燃气管材生产线

### HDPE Gas/Water Pipe Extrusion Line

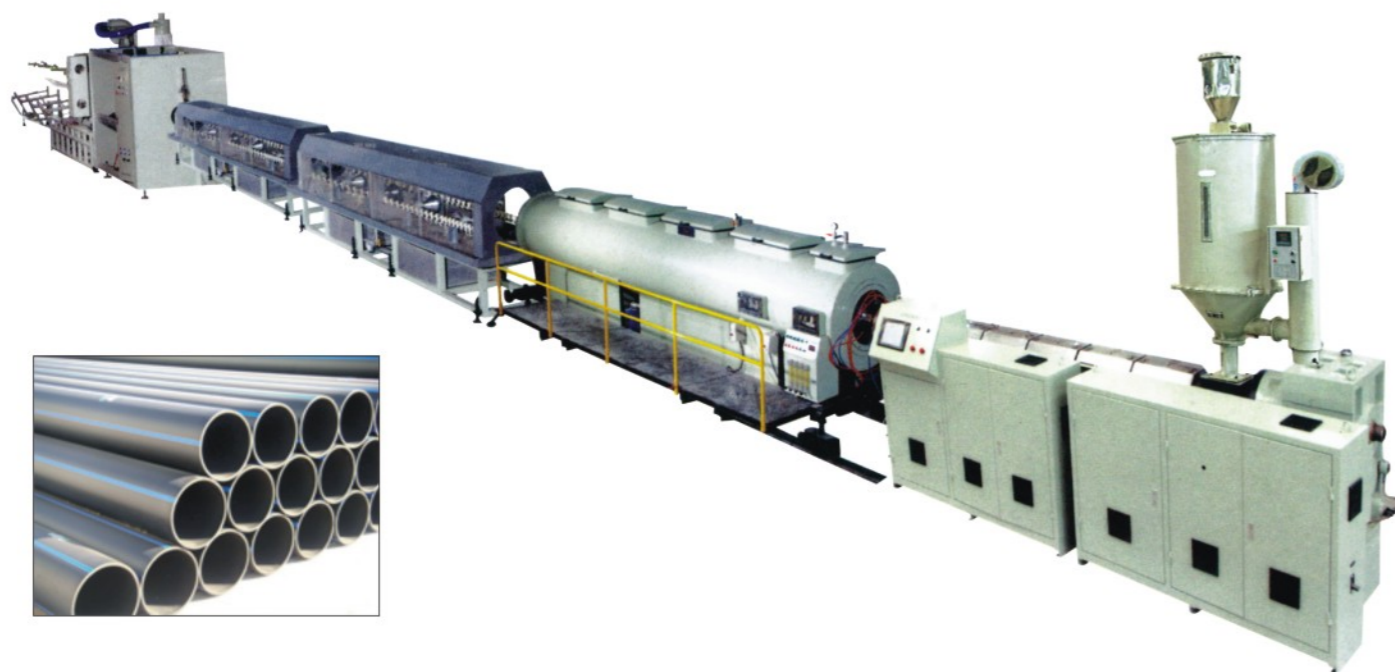
Линия для газовых/водных труб из ПНД

机械依据多年的设计生产经验，结合国内外实际情况，开发研制的HDPE供水/燃气生产线具有外观美丽大方，自动化程度高和生产稳定等特点，深受广大客户欢迎。

本机所产管材具有极好的硬度和柔性、耐热、耐老化、机械强度高、耐环境应力开裂性、耐蠕变性、热熔连接等优点，是城市燃气输送和供水管道的首选产品。

HDPE water gas/water pipe extrusion line designed and manufactured by Leader Machinery based on years of experience, combined with the actual situation at home and abroad, has a beautiful appearance, a high degree of automation and stable production, well received by the customers.

Pipe produced by this line has excellent hardness and flexibility, heat resistance, aging resistance, high mechanical strength, environmental stress cracking resistance and creep resistance, hot-melt connectivity, and other advantages, it is the first choice of city gas and water transmission pipeline.



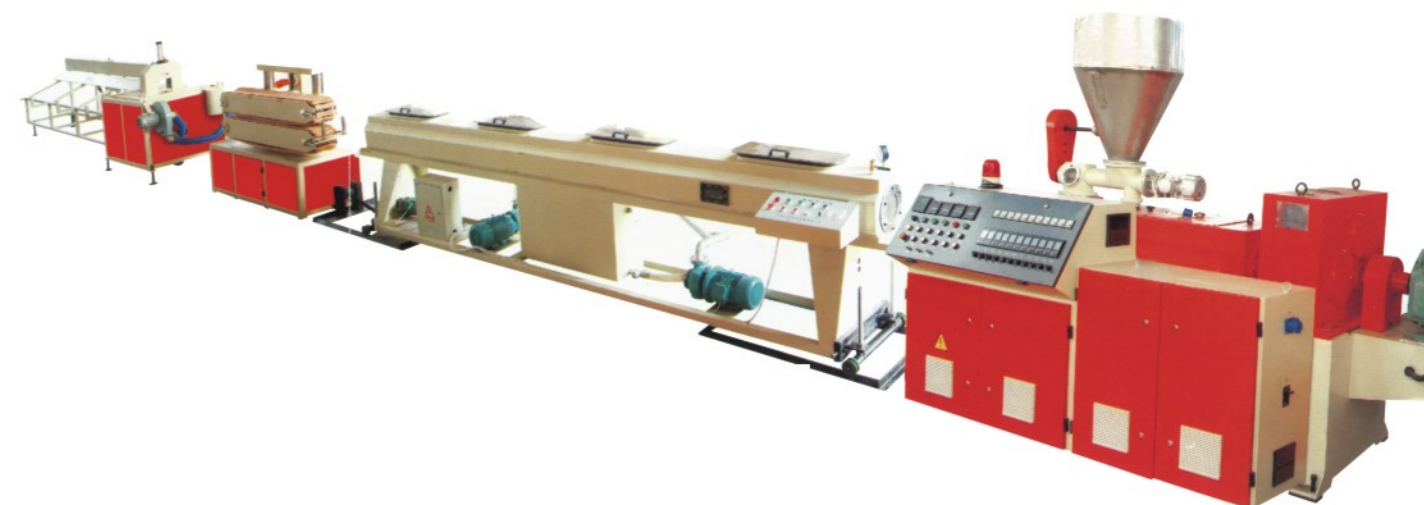
#### Main technical data:

Model/Spec.	Diameter range (mm)	Co-extruder model	Line speed (m/min)	Max output (Kg/h)	Installed power (kw)
LSG65/33	20-110	LSJ25/25	0.3-12	180	98
LSG75/33	63-160	LSJ25/25	0.5-5	220	120
LSG90/33	160-400	LSJ30/25	0.5-2	450	220
LSG120/33	355-630	LSJ30/25	0.1-1	800	320
LSG150/33	400--800	LSJ40/25	0.1-0.5	1200	450

## PVC供排水管材生产线

### PVC Water Supply/Drainage Pipe Extrusion Line

Линия для труб водоснабжения и канализации из ПВХ



该机组采用先进的独特设计理念确保了PVC粉料的高效挤出，结合了塑化理念的独特螺杆设计能够保证原料的塑化均匀、高产量生产，主要用于UPVC/CPVC给排水大口径管材的生产。

Using advanced design concepts to ensure the efficient extrusion of PVC powder, combined with the unique concept of plasticization screw design to ensure uniformity of plastics extrusion, high-capacity production, mainly for UPVC / CPVC large diameter water supply and drainage pipes production

#### Main technical data:

Model/Spec.	Diameter range (mm)	Extruder model	Line speed (m/min)	Max. Capacity (kg/h)	Installed power (kw)
LPCG63	16-63	LSZ51/105	1-10	120	45
LPCG160	75-200	LSZ65/132	1.5-5	260	80
LPCG400	200-400	LSZ80/156	0.5-1.5	400	115
LPCG630	400-630	LSZ92/188	0.1-0.8	650	200

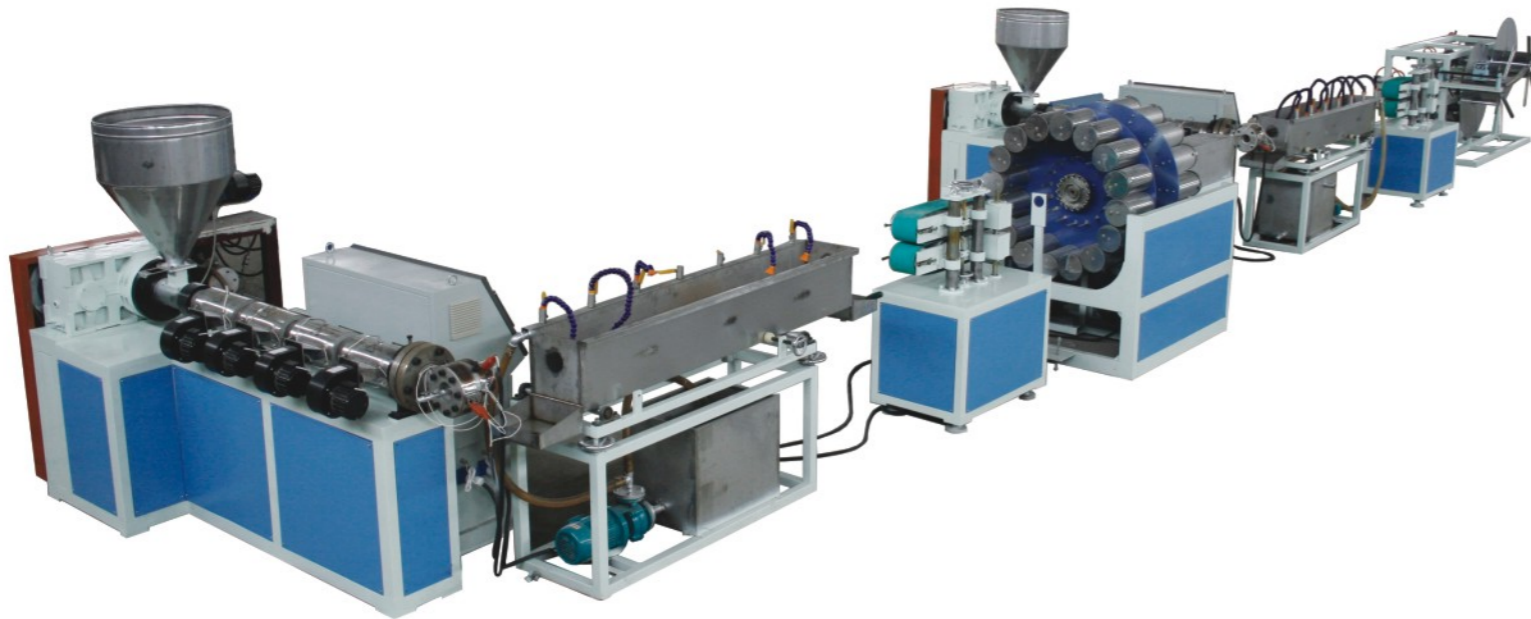
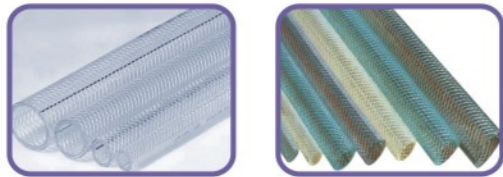
## PVC纤维增强软管生产线

### PVC Fiber Reinforced Hose Extrusion Line

Линия для армированных шлангов ПВХ волокнами

PVC纤维增强软管又称PVC网格管，俗称塑料蛇皮管，适于有压或有腐蚀性的气体、液体的输送，广泛应用在机械、煤矿、石油、化工、农灌、建筑、民用等领域。现亦大量应用于花园，草坪的浇灌。

PVC fiber reinforced hose also named as PVC net hose, commonly called as snake hose, suitable for pressure or corrosive gas, liquid transporting, widely used in machinery, coal, petroleum, chemical industry, agricultural irrigation, construction, civil and other fields. Now also used in a large number of gardens, lawn watering.



#### Main technical data:

Model/Spec.	Diameter range (mm)	Extruder model	Line speed (m/min)	Max. Capacity (kg/h)	Installed power (kw)
LPXG20	10-20	LSJ45/28	1-10m/min	40	30
LPXG40	16-40	LSJ65/28	1-8 m/min	80	60
LPXG50	20-50	LSJ75/28	1-5m/min	100	75

## PVC双管挤出生产线

### PVC Double Pipe Extrusion Line

Экструзионная линия для двойных труб из ПВХ



LPCG-63双管挤出线是本公司在广泛调研用户、结合国外先进技术的基础上推出的新型管材生产线。它集先进性、可靠性和实用性为一体，特别适用于生产各种高品质的U-PVC管材。

- 1、二管同挤，分别控制。一管故障，另管继续生产。
- 2、牵引切割机连成一体，造型美观，同步准确。
- 3、适用管径：Φ6—Φ63mm。

LPCG-63 double pipe extrusion line is a novel one launched by our company on the basis of wide investigation into users and application of advanced foreign technology. It is a collection of advancement, reliability and practicability, especially applicable to manufacturing various kinds of excellent quality U-PVC pipes.

1. Two pipes extruded simultaneously and controlled respectively. One ceases and another goes on.
2. A combination of drawing and cutting machine with fine appearance and accurate synchronization.
3. Applicable pipe diameter ranges from 16 to 63 mm.

#### Main technical data

Name	Description/Model	LPCG63
Extruder	Model	SJSZ-65A
	Dimension, mm	3450*1450*2250
	Capacity, kg/h	80-250
	Pipe diameter range,mm	Φ16-Φ63
	Total power, kw	64
Vacuum calibrating tank	Dimension, mm	6400*1020*1200
	Total power, kw	13
Haul-off and cutting machine	Dimension, mm	4100*1400*1650
	Haul-off speed, m/min	0.1-12
	Haul-off force, N	15000*2
	Total power	10.4
Pipe length,m		4-6

## PE/PP (玻纤) 多层复合管材生产线

### PE/PP (Glass-fiber) Multi-layer Composite Pipe Extrusion Line

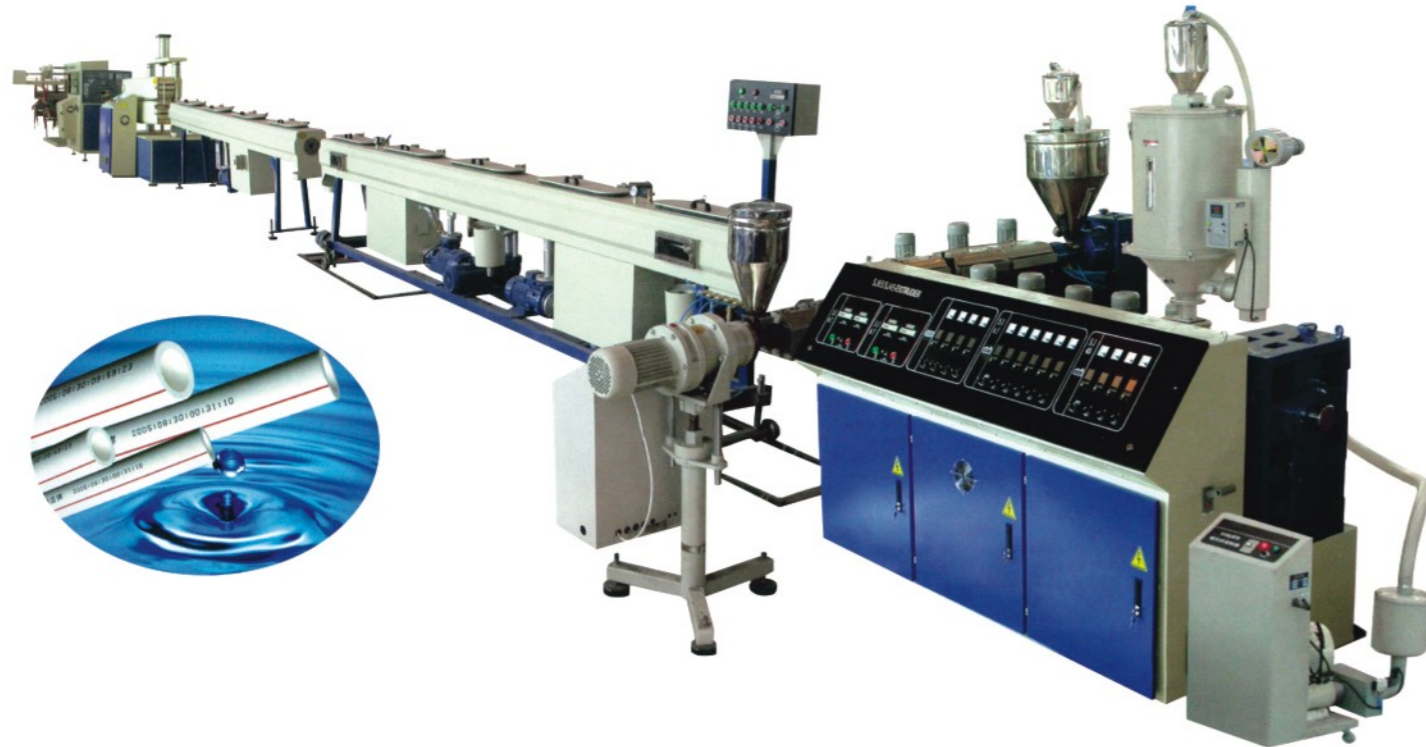
Линия для многослойных труб из ПП/ПЭ стекловолокнами

生产线采用多层共挤的生产工艺，原材料为可回收使用的环保型改性聚乙烯树脂，光滑的内层具有优良耐热性和耐化学腐蚀性。坚硬的外层不仅保护着中层结构，而且确保管材良好的抗冲击性。

The line adopts multi-layer co-extrusion production process, raw materials from environmentally friendly recyclable modified polyethylene resin, and the inner smooth layer with excellent heat resistance and corrosion-resistant chemical. Hard outside layer not only to protect the middle structure, but also to ensure a good impact resistance.

#### Main technical data:

Model/Spec.	Diameter range (mm)	Extruder model	Line speed (m/min)	Max. Capacity (Kg/h)	Installed power (kw)
LPG65	20-63	LSJ65/30	1-10m/min	200	90
LPG90	75-160	LSJ90/30	0.2-4.5m/min	350	150



## PE/PVC双壁波纹管挤出生产线

### PE/PVC Double Wall Corrugated Pipe Extrusion Line

Линия для двухстенных гофротруб из ПЭ/ПВХ

成型机采用整体卧式机构，工作平台由横向、垂直和水平调整机构，调速器采用英国欧陆590数字直流调速器，速度平稳，调节速度范围广。

模块选用特殊铝合金制成，具有重量轻，强度高，耐磨性好，热膨胀系数小等优点。

具有断电保护装置，辅助电源保证突然断电时工作台能自动退出。

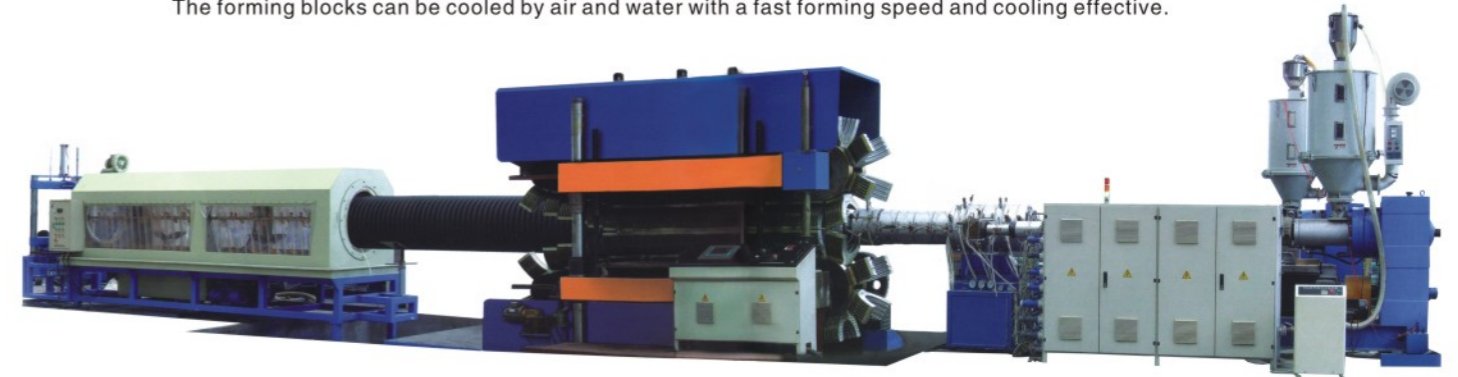
成型模块具有风冷和水冷功能，成型速度快，冷却效果好。

The corrugating forming machine is horizontal and the main part position can be adjusted. The converter from brand EUROTHRERM 590 to ensure stable speed and wide adjusting range.

The forming blocks are made of special Al alloy with advantages of light weight, high rigid degree, good abrasion proof, small heat-expanding ratio, and so on.

High quality accumulator can resist the power cut, and auxiliary battery makes operation table to move back when the power is cut.

The forming blocks can be cooled by air and water with a fast forming speed and cooling effective.



#### Main technical data:

Model	SBG-250	SBG-500	SBG-1000
Pipe sizes, mm	DN/ID 100-250	DN/ID200-250	DN/IN 200-800
Extruder	SJ-65/33*2 for PE, SJSZ-80/156 for PVC	SJ-65/33, SJ-75/33 for PE SJSZ-92/188 for PVC	SJ-75/33, SJ-90/33 for PE, SJSZ-92/188 for PVC
Pipe head, moulds	DN/ID 100, 150, 200, 250	DN/ID 150, 200, 300, 400, 500	DN/ID 200, 300, 400, 500, 600, 800
Corrugator	SBGC-250	SBGC-500	SBGC-1000
Spraying cooling tank	SDP-250	SDP-500	SDP-1000
Cutting machine	SGQ-250	SQG-500	SQG-1000
Stacker	SFL-250	SFL-500	SFL-1000
Capacity, kg/h	360	530	950
Total power, kw	310	360	540
Dimension, m	28*4.5*3.8	31*4.5*3.8	32*4.8*5.2
Weight	27	38	56



## 单翼迷宫式滴灌带生产线

### DGD Series PE Drip Irrigation Strap Extrusion Line

Линия для лент капельного орошения типа лабиринта из ПЭ



单翼迷宫式滴灌带的性能：该产品具有紊流流态和压力补偿性，迷宫流道及滴孔一次真空整体热压成型，制造精度高，多个进水口，能有效的防止堵塞，且出水量均匀一致。

单翼迷宫式滴灌带机械特点：

主电机、成型机和牵引机机构均采用变频控制系统，调整容易，运行可靠，工作稳定，能耗低。

挤出机螺杆采用特殊设计，原料塑化效果好，生产稳定。

滴灌带的卷取采用力矩电机控制，有效克服张力缺陷，并配备数字计米装置。

The performance of monoplane maze type drip irrigation hose: the product has a turbulent flow pattern and pressure compensation, the labyrinth flow channel and the overall drop of hot-hole forming a vacuum to create high precision, a number of intakes, can effectively prevent the plug, and uniform water out. The features of monoplane maze type drip irrigation hose extrusion line:

The main motor, machine and tractor operators using variable frequency control system, easy to adjust, reliable to run, stable, low energy consumption. The screw of extruder with special design, better effective plasticization of raw materials, stable production.

For the winding of drip irrigation hoses adopted torque-motor control, the effective tension to overcome the shortcomings, and installed with meter counting device.

#### Main technical data:

Model/Spec.	Diameter range (mm)	Extruder model	Line speed (m/min)	Max. Capacity (kg/h)	Installed power (kw)
DGD Series PE Drip Irrigation Strap Extrusion Line	16	55	1-10	40	36

## PE/PP/PVC单壁波纹管生产线

### PE/PP/PVC Single Wall Corrugated Pipe Extrusion Line

Линия для одностенных гофротруб из ПЭ/ПП/ПВХ

单壁波纹管挤出成型机特点：该机主要以PE、PP、PVC为原料，通过相应的模具一次成型内外光滑、波纹均匀的波纹管产品。该机模块采用硬质钢材，经过严格材质处理利用CNC精加工制作而成，从而保证了成型模块的硬度及精确性，成型机为闭合式结构，模块链接在整体闭合的基座内，在成型隧道内做往返运行。

该生产线所产制品主要应用于电线电缆穿线管，洗衣机排水管，吸尘器，通风管，汽车专用管等。

Single-wall corrugated pipe extrusion line: it mainly uses PE, PP, PVC as raw material, through the corresponding moulds inside and outside produces smooth uniform corrugated pipes. The forming blocks made of hard steel, dealt with a rigorous use of CNC finishing materials produced to ensure that the hardness of the molding module and precision molding machine for the closed structure, module link in the overall closure base, in forming do from the running tunnels. Produced pipes by the production line are mainly used in wire and cable products threading pipe, washing machine drains, vacuum cleaner, ventilation pipes, tubes, etc.



#### Main technical data:

Model/Spec.	Diameter range (mm)	Extruder model	Line speed (m/min)	Max. Capacity (kg/h)	Installed power (kw)
LPBG25	8-25	LSJ45/30	1-12m/min	40	30
LPBG50	16-50	LSJ65/30	1-10m/min	80	60

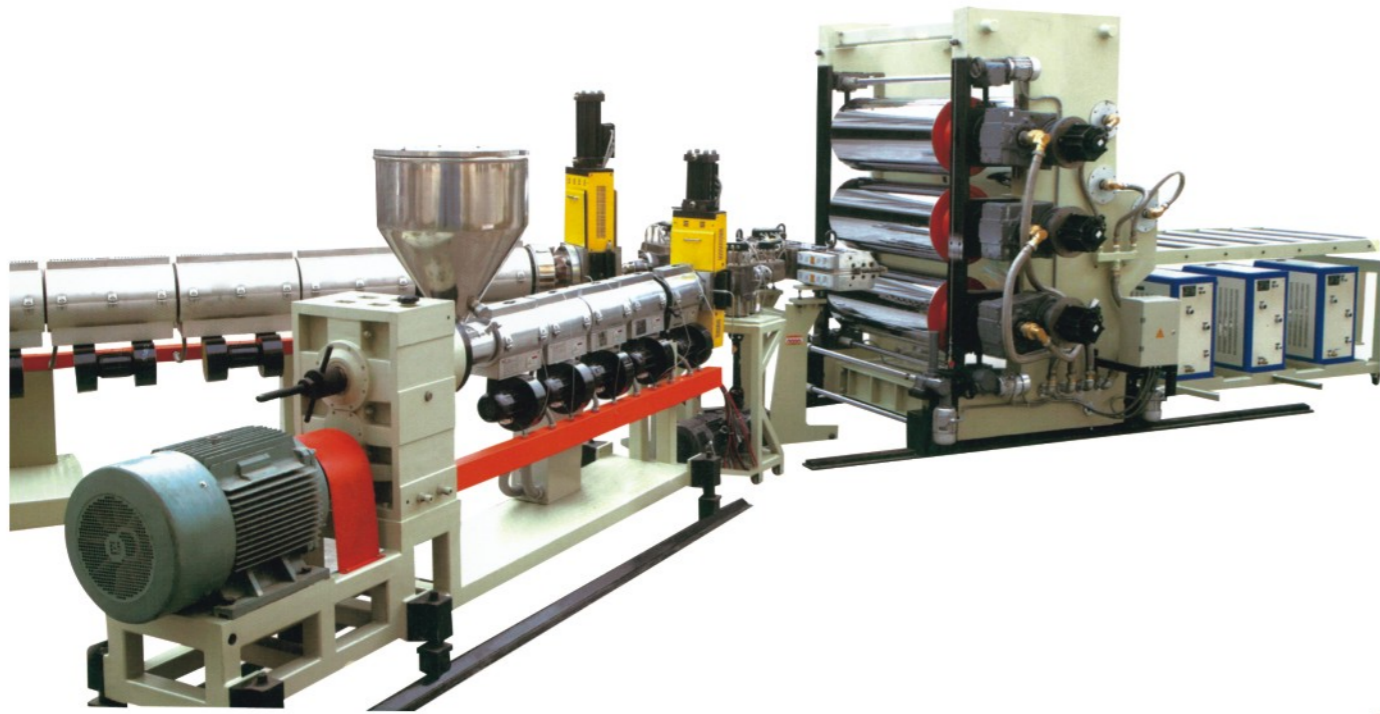
## PP/PE/PS/ABS单层或多层共挤片板材生产线

### PP/PE/PS/ABS Single Layer or Multi-layer Sheet/Plate Extrusion Line

Линия для однослойных/многослойных листов из ПП/ПЭ/АБС

本生产线是专为PP/PE/PS/ABS/PVC单层或多层共挤片板材生产所用，适用于包装、文具、化工、建筑、家电等行业。

This line is specially used for producing PP/PE/PS/ABS/PVC single layer or multi-layer sheet or plate, suitable in the fields of packaging, stationery, chemicals, construction, household appliances and so on.



#### 主要技术参数

1. 常用制品宽度: 700mm\900mm\1020mm\1200mm\1300mm\1400mm  
1500mm\1700mm\1800mm\2100mm\2200mm
2. 常用制品厚度: 0.5-2mm 1.5-10mm 6-20mm 3-30mm

#### Main technical data:

1. Usual sheet width: 700, 900, 1020, 1200, 1300, 1400, 1500, 1700, 1800, 2100, 2200mm
2. Usual sheet thickness: 0.5-2mm, 1.5-10mm, 6-20mm, 3-30mm

**Extruder:** Special screw structure, imported world-known thermocontrollers, electronics, hard gear face reducers to ensure high effective material extrusion capacity.

**T-type die head:** suitable compression ratio to ensure uniform flow stability.

**Three-roller calendar:** According to the material properties, adopting vertical three-roller, oblique three-roller, horizontal three-roller calendar. Internal roller temperature control using a unique flow channel, so that the stability of uniform distribution roller. The independent oil temperature control for three roller to ensure more stable and exact control.

**Cooling frame:** According to product specifications, configurations with different specifications of the stainless steel cooling roller

**Edge-cutting devices:** Trimming can be divided into manual and automatic, three-dimensional configuration tool adjustment device, width adjustable.

**Cut off machine:** Saw cutting or knife cutting, thin type and non-friable type sheet generally usually knife cut, adopted high-quality alloy cutting tools, sharp and durable.

## PVC发泡板材生产线

### PVC Free Foam Plate/Inner Foam Plate Extrusion Line

Линия для вспененных листов из ПВХ

PVC发泡板广泛用于汽车、火车、住宅的内表装饰，厨房、卫生间橱柜、广告展示板等

主要技术参数

制品宽度1000-2050mm

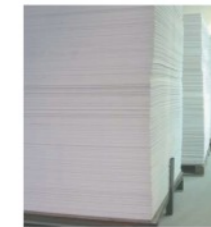
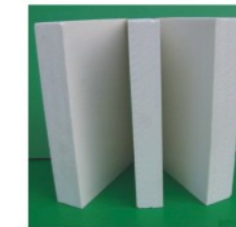
制品厚度2-20mm

PVC foam board widely used in automobiles, trains, in-house decorating, kitchen, bathroom cabinets, advertising boards and so on.

#### Main technical data:

Plate width: 1000-2050mm

Plate thickness: 2-20mm



## PVC结皮发泡板材生产线 PVC CELUKA Foam Sheet Extrusion Line

Линии для вспененного листа типа CELUKA из ПВХ



### 产品特点和功能

PVC结皮发泡板材，具有隔音、吸音、隔热、保温等性能。

板质具有阻燃性，能自熄不虞火灾，可以安全使用。

各系列产品都有防潮、防霉、不吸水的性能，而且防震效果好。

各系列产品经耐候配方制成后，其色泽可长久不变，不易老化。本产品质地轻，储运、施工方便。

本产品使用一般木材加工工具即可施工。

可像木材一样进行钻、锯、钉、刨、粘等加工。

可适用于热成型，加热弯曲及折叠加工。

可根据一般焊接程序焊接，亦可与其它PVC材料粘接。

本产品其表面光滑，亦印刷。(印刷前需擦拭干净表面)。

### 产品用途

交通运输业：轮船、飞机、客车、火车车厢、顶蓬、厢体芯层、内部装潢用板。

建筑装潢业：建筑物外墙板、内装饰用板、住宅、办公室、公共场所建筑物隔间、商用装饰架、无尘室用板、吊顶板。

广告业：网板印刷、电脑刻字、广告标牌、展板、标志用板。

工业应用：化工业防腐工程、热成型件、冷库用板、特殊保冷工程、环保用板。

其它用途：模板、运动器材、养殖用材、海滨防潮设施、耐水用材、美工材料、各种轻便隔板。

### Characteristics And Functions Of Products

PVC crust foamed plate has such characteristics as sound separation, sound absorption, heat separation, temperature-keeping, etc.

The material is incombustible, it is safe for use.

All series of products have property of moisture proof, mildew proof, water resistance, its vibration resistant effect is good.

All series of products have property of weathering proof, its luster may remain forever, it is not easy to be ageing.

This product is light, storage & transport, construction are rather convenient.

This product can be worked with normal tools for wooden material.

Drilling, sawing, nail, planing, bonding can be conducted like wooden material.

It is suitable for thermal shaping, thermal bending and fold processing.

It can be welded, it can also be bonded with other PVC material.

The surface of this product is smooth, it can be printed. ( Clean the surface before printing.)

### Applications Of Product

Transport industry: ship, plane, bus, train, floor covering, core layer, indoors decoration plate

Architecture decoration industry: outdoors plate, indoors decoration plate, residential house, office, separation of public building, commercial decoration frame, plate used in dust-free room, ceiling plate.

Advertisement industry: screen printing, computer engraving, ad. board, exhibition plate, logo plate.

Industrial application: rot proof project in chemical industry, thermal shaped part, plate for refrigeration warehouse, special cool-keeping project, environmental protection plate.

Other applications: construction mold plate, sports apparatus, aquaculture material, seashore wet-proof facility, water-resistant material, arts material and all sorts of light separation plate.

## PP/PE/HIPS/PET/EVA/EVAOH片材生产线 PP/PE/HIPS/PET/EVA/EVAOH Sheet Extrusion Line

Экструзионная линия для листов из PP/PE/HIPS/PET/EVA/EVAOH

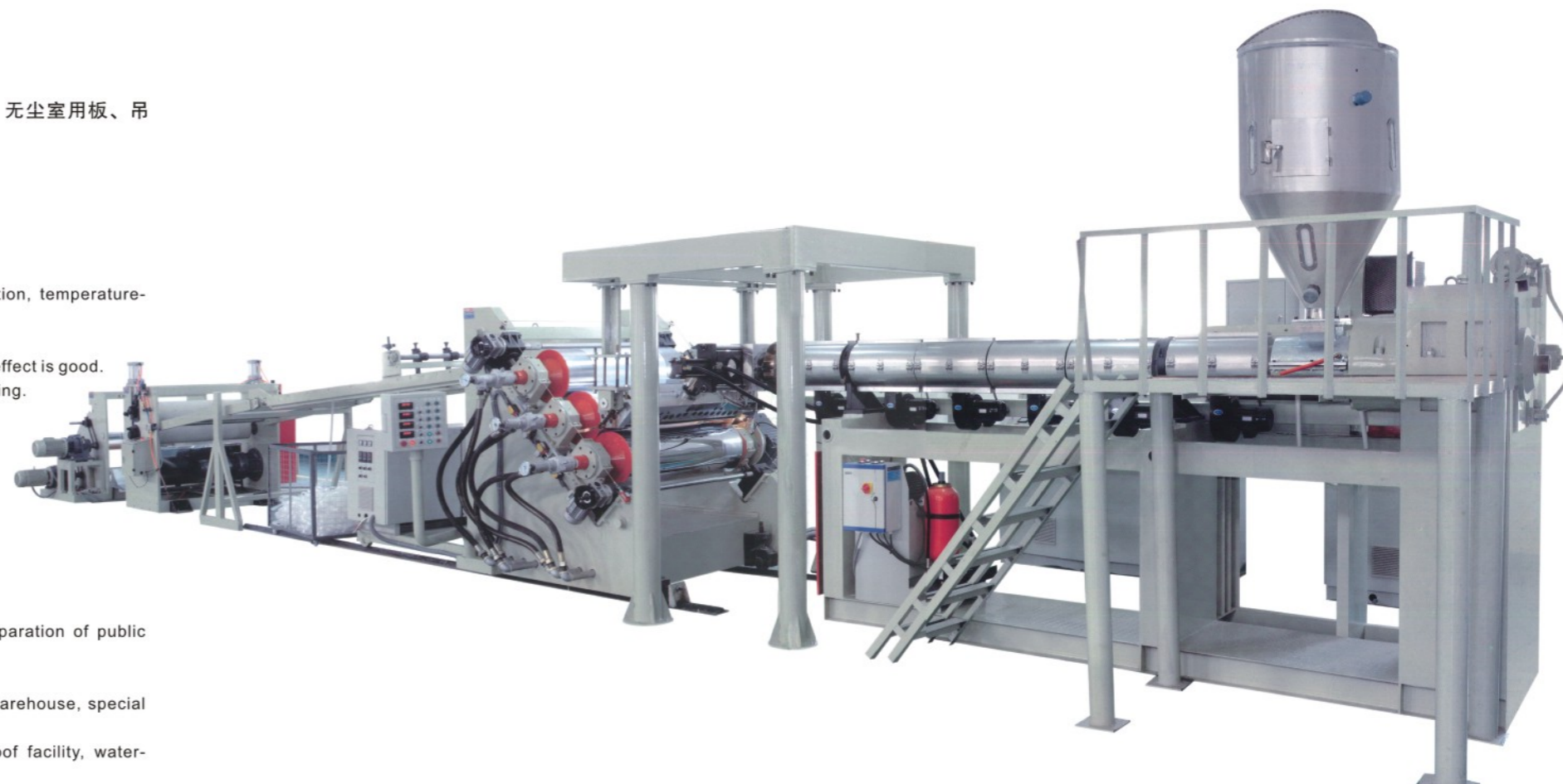
具有强度高，耐温，防腐性能好，可进行填充，增强，增韧，增刚，阻燃，改性，表面可压花、磨砂。适用于各行各业之产品包装、食品包装、文具、印刷、礼品及工艺品制造等。主要产品：礼品袋、广告扇、文件袋、灯罩、鼠标垫、食品包装盒等。加工范围：厚度0.2-2mm 宽度600-1800mm

### PP、PE、HIPS、PET、EVA、EVAOH Composite Sheet:

It has such characteristics as high intensity, good temperature resistance, good rot proof, etc. it can be produced with additives to different requirement such as improving intensity, improving toughness, improving rigidity, flame retardant, embossing, frosting, etc.

Applications: such as packing, printing, stationery, art works, etc. main product: gift/ad/file bag, lamp cover, food packing, etc.

Production scope: thickness 0.2-2mm width 600-1800mm



## PVC片材生产线 PVC Sheet Extrusion Line

Экструзионная линия для листов из ПВХ

PVC片材以及封边条制品:

主要用途: PVC片材用于制作三层板材, PVC封边条用于家具, 办公用品的贴面, 封边, 包装吸塑等。

主要特点: 产品塑化效果好, 强度高, 颜色多样化控制精确, 生产效率高, 可替代PVC压延片使用。

产品厚度: 0.2-2mm

产品宽度: 500-1500mm

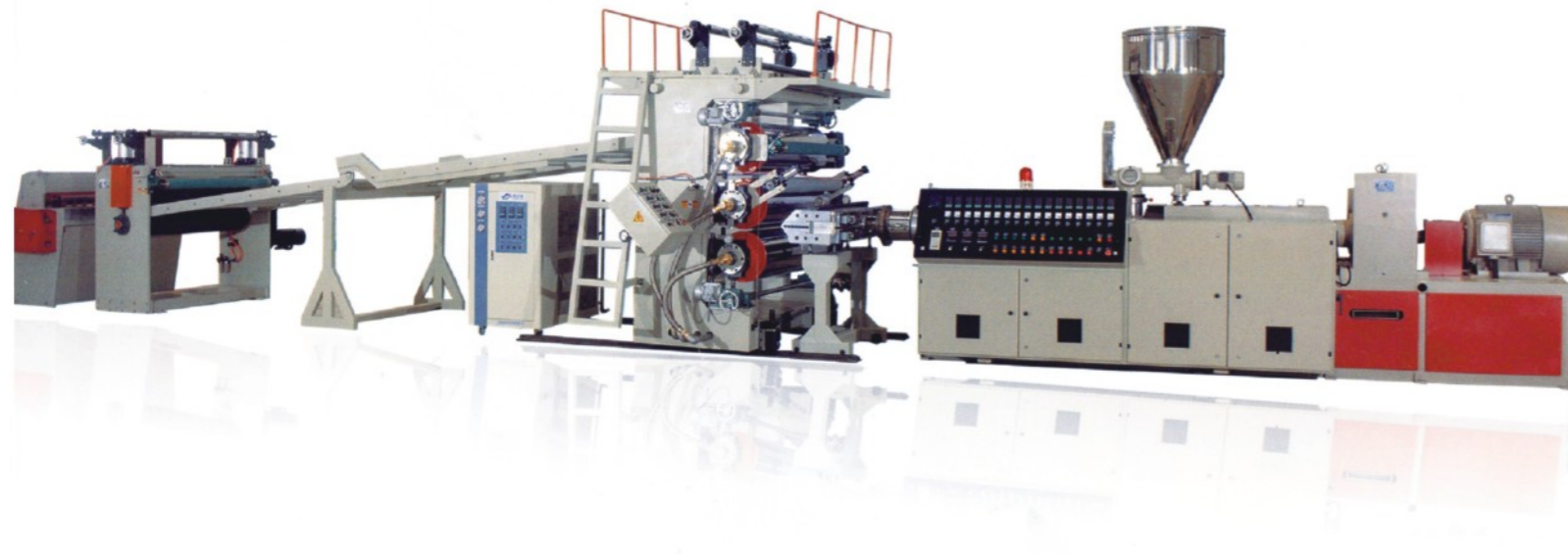
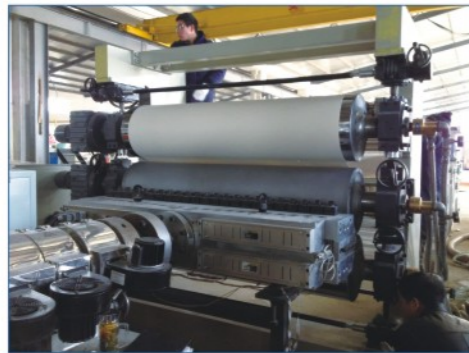
PVC sheet and edge band products:

Main application: PVC sheet for sandwich panel, and PVC edge band for furniture edge banding and skinning, thermoforming packing and so on.

Main feature: Products with good plastification, high tension, products color controlling, high production capacity and can be replaced PVC cast sheet.

Sheet thickness: 0.2-2mm

Sheet width: 500-1500mm



## PET单层/多层片材生产线 PET Monolayer/Multilayer Sheet Extrusion Line

Линия для одно/многослойных листов из ПЭТ



单层片材生产线

本机专门用于PET单层或多层片材的生产, 制品广泛用于包装行业。

“单螺杆挤出+低露点除湿干燥技术”相结合, 达到制品表面与内在的完美, 无气泡, 无雾白, 特别适合于吸塑成型的高品质要求。

This machine is specially designed for PET Mono/Multilayer sheet for packing industry.

The technology of "Single screw extruding with low dew-point dehumidifying system for high quality products in high transparency without bubble, which will be very important for thermofforming.



蜂巢状除湿干燥输送一体机  
Honeycomb Shaped Dehumidifying,  
Drying, Feeding Compined Machine  
Машина осушения и загрузки сырья сотового типа



双桶式塑料除湿干燥机  
Double-barrel Plastic Dehumidifying Drying Machine  
Двухместная сушительная машина кристаллизацией

### Main technical data:

Extruder Model	LMSB-90/33	LMSB-100/33	LMSB-120/33	LMSB-100/65	LMSB-120/65
Width of sheet	300-610mm	500-950mm	1000-1500mm	0	1000-1500mm
Thickness of sheet	0.15-1.4mm	0.15-1.4mm	0.15-2mm	0.25-1.4mm	0.25-1.4mm
Driving motor	75KW	90KW	132KW	90KW, 75KW	132KW, 65KW
Line speed	25m/min	25m/min	28m/min	28m/min	28m/min
Capacity	180kg/h	300kg/h	550kg/h	450kg/h	650kg/h

**PVC/PP波浪板生产线**  
**PVC/PP Corrugated Sheet Extrusion Line**  
 Линия для шифера из ПВХ

波浪板具有优良的耐腐蚀、耐候性，易加工和成本低等特性，广泛用于企业的车间、仓库、车棚的屋顶。

生产线由以下部分组成：

挤出机:PP/PE/PC可选用单螺杆挤出机，PVC可选用双螺杆挤出机。

成型模具：采用衣架式流道结构，合适的压缩比，使物料流量均匀稳定。

成型模具：合理的设计，独特的冷却流道设计，保证产品的精度，

牵引装置：辊式牵引，胶辊采用优质丁晴胶，气动调节，变频调速。

裁断机：刀片式裁断，快速、精确性好。

Wave plate has an excellent corrosion resistance, weather resistance, easy processing, low cost and many other characteristics and is widely used for roof material of workshops, warehouses.

Production line consists of:

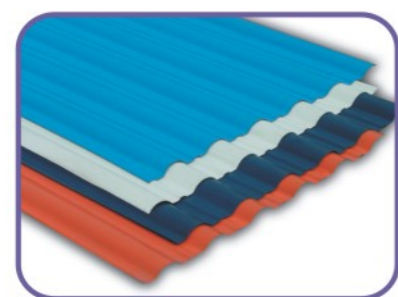
Extruder: single-screw extruder PP / PE / PC, conical twin-screw extruder PVC.

T die head: The hanger-type flow structure, a suitable compression ratio to ensure the stability of material flow evenly.

Calibrating molds: rational design, the unique design of the cooling flow to ensure the accuracy of products,

Hauling machine: roller traction, using high quality NBR rubber roller, pneumatic adjustment, and frequency speed adjustment.

Cutting Machine: Knife cutting, fast, good accuracy.



**PP/PE/PC中空格子板生产线**  
**PP/PE/PC Hollow Plate Extrusion Line**  
 Линия для сотового листа из ПП/ПЭ/ПК

本机组由单螺杆挤出机，齿轮泵+液压换网，真空定型台，一级牵引机，烘箱，电晕处理，冷却台，二级牵引，切边和定长切割，卸料台组成。

This extrusion line consists of single screw extruder, melt-pump+hydraulic filter exchanging unit, vacuum calibrating table, first haul-off, oven, Corona treating unit, cooling table, second haul-off, trimming and length-settled cutting unit and discharging table.

真空定型模特点：

- \*高质量模具钢材料或高强度铝镁合金材料
- \*表面做特殊不粘涂层，硬化处理
- \*独立分区控制的均匀抽真空装置和温度控制系统
- \*配有真空封边装置

Characteristics of vacuum calibrator:

- \*High quality mould steel or high strength Al-Mg alloy.
- \*Special harden treatment and non-sticky coating on the surface.
- \*Independently controlled vacuumize device and temperature controlling system.
- \*Consist of vacuum sealing edge device.

UV+PC+UV双面复合型，UV+PC单面复合型中空板模头，复合分配器组合，实现UV节约型技术，可使表层UV（紫外线吸收剂）节约30%。

The technology of hollow sheet die with co-extrusion feed block to get UV+PC+UV, UV+PC hollow sheet, saves 30% UV on the surface.



Main technical data:

	Single layer	Double layer
Extruder model	SJ-120	SJ-120, SJ-65
Product width	1000-2300mm	1000-2300mm
Product thickness	2-10mm	2-10mm
Driving motor	132KW	132KW, 45KW
Capacity	180-260kg/h	200-300kg/h

## PET瓶片破碎清洗干燥回收生产线

### PET Bottle Flakes Crushing Washing Drying Recycling Line

Линия для дробления, мойки, осушения ПЭТ бутылок

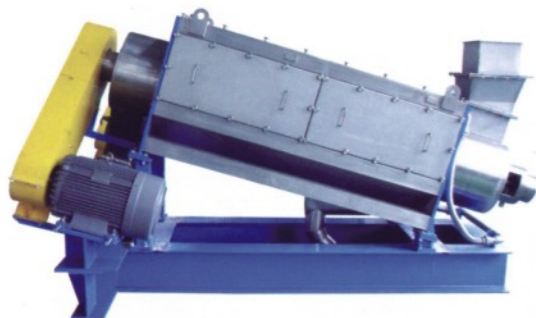


#### 生产流程:

皮带输送 → 滚筒分离 → 人工分拣台 → 金属分离 → 皮带输送 → 破碎机 → 标签分离 → 热清洗釜1 → 摩擦清洗机 → 热清洗釜2 → 高速摩擦清洗机 → 漂洗槽 → 喷淋清洗 → 离心脱水 → 风送干燥系统 → 贮料仓 → 成品原料包装

#### Production process:

Conveyer transportation - Roller separating - Manual choosing table - Metall separating - Conveyer transporting - Crusher - Tags separating - Hot washing waterclave 1 - Friction washing machine - Hot washing waterclave - High-speed washing machine - Rinse channel - Centrifugal dewatering - Air-transporting and drying system - Storage silo - Packaging of products.



## PP/PE/PET回收造粒生产线

### PP/PE/PET Granulating Line

Грануляционная линия для ПЭ

双阶式回收造粒机：由一台强制进料挤出机、一台单螺杆挤出机、真空排气装置、快速换网装置、切粒装置等组成。螺杆加料段直径加大。压缩机具有较大的体积压缩比。两机联接处的抽真空装置，能有效排除物料的挥发气体。用废料可直接挤出制品。不仅可回收普通塑料，亦可回收发泡PS、PE、EVA等产品。根据不同材料、产量、配备不同的螺杆直径。



Double step recycling granulating machine: consists of a forced feeding extruder, a single screw extruder, vacuum exhausting unit, filter exchanging unit, pelletizing device and so on. Increase the diameter of feeding section of screw. Compressor with a larger volume of the compression ratio. The vacuum device on the connecting place between two machines, can effectively exclude the gases of volatile material. Can be used directly out of waste products. Not only the ordinary recyclable plastics, but also foam PS, PE, EVA and other products. According to different materials, production, equipped with different types of screw.

## PVC造粒生产线

Грануляционная линия для ПВХ



#### Main technical data:

Model/Spec.	LSLZ45	LSLZ55	LSLZ65	LSLZ80
Production capacity, kg/h	80	120	200	350
Pelletizing diameter, mm	3-5	3-5	3-5	3-5
Installed power, KW	36	45	60	90

**Sj系列单螺杆共挤机**  
**SJ Series Single Screw Co-Extruder**  
 СО-экструдер серии SJ



我公司研制开发的SJ系列单螺杆共挤机引进德国先进技术，操作方便，物料适应范围广，主要用于型材表面的彩色共挤和型材密封条的共挤，以及PP PE管材标志线的共挤。

Absorbing new international technology, the SJ series single screw extruder launched by our company has the features of convenient operation, as well as wide material application. It is mainly used for the co-extrusion of profile surface, sealing strip, as well as the color marking lines on the PP PE pipes.

**Main technical data:**

Model	SJ-25/25	SJ-30/20	SJ-35/25	Sj-45/25	SJ-50/25
Driving power, KW	1.1-2.2	3	5.5	7.5	11
Screw diameter, mm	25	30	35	45	50
L/D	25	25	25	25	25
Application	Marking lines	Front/back co-extrusion	Front co-extrusion	Front co-extrusion	Front co-extrusion

**SRL-Z系列混合机**  
**SRL-Z Series Mixing Unit**  
 Миксер серии SRL-Z

**Technical data**

SRL-Z	heat/cool	heat/cool	heat/cool	heat/cool	heat/cool
Total volume(L)	100/200	200/500	300/600	500/1250	800/1600
Effectiv colume(L)	65/130	150/320	225/380	330/750	600/1050
Rotating speed(rpm)	650 /1300/200	475/950/130	475/950/100	430/860/70	370/740/50
Mixing time(min)	8-12	8-12	8-12	8-15	8-15
Motor power(KW)	14/22/7.5	30/42/11	40/55/11	55/75/15	83/110/22
Dimension(mm)	1950*1600*1800	4580*2240*2470	4800*2640*2480	5600*3000*3100	5170*3200*4480
Weight(kg)	2200	3400	3600	6500	9800

**SMP-400磨粉机**  
**SMP-400 Pulverizer**  
 Мукомольная мшина SMP-400

**Technical data**

Item	Specification
Rotor diameter	∅390mm
Quantity of Rotors	3
Rotating speed	3400-3700rpm
Motor power	30kw
Capacity	50-150kg/h
Dimension	1250 × 1500 × 1530mm(machine) 1000 × 1000 × 1015mm
Weight	1000kg



混合机

磨粉机

## 管材扩口机 Pipe Belling Machine

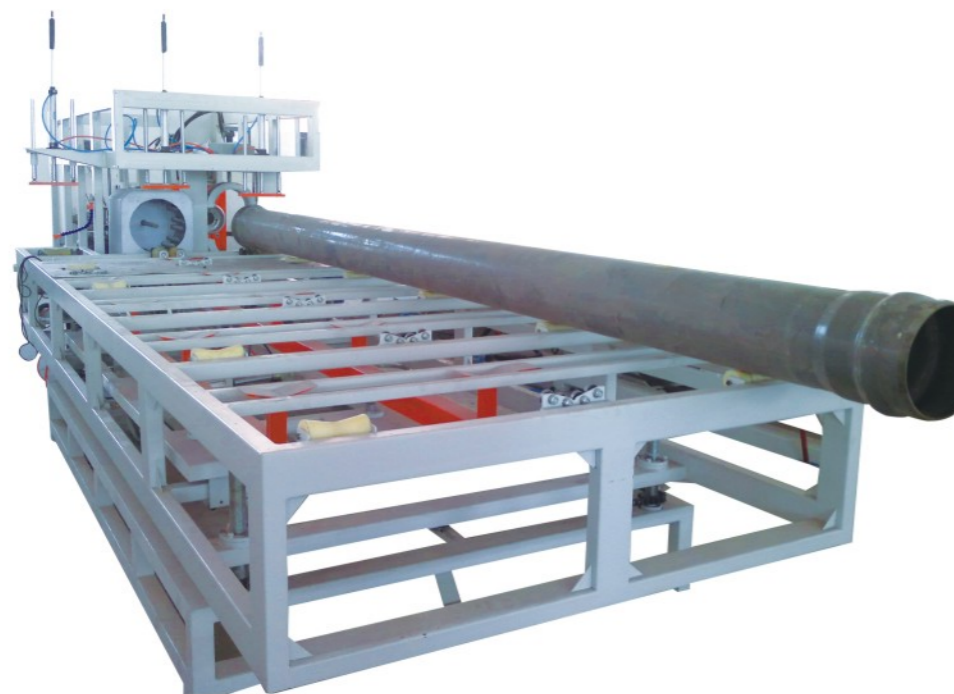
Раструбовочная машина для труб

SGK160, SGK-250, SGK-400, SGK-630全自动扩口机与相应的管材生产线，和各规格的扩口模具，可完成50-630mm塑料管材直口，R型口，矩形口的全自动化扩口过程。

Full automatic pipe belling machine SGK160, SGK-250, SGK-400, SGK-630 equipped with belling moulds and extrusion line, can finish the full automatic process of pipe belling in range of 50-630mm.

### Main technical data:

Diameter Specification	Φ 200-630mm	Φ 75-250mm
Maximum length	8000mm	800mm
Overall Size	8466*2901*2499mm	7656*1410*1900mm
Shift distance during work	900mm	600mm
Total power of pipe-expanding machine	50KW	32KW
Oven outer maximum power	16.8KW	15KW
Oven inner maximum power	5KW	3KW
Hydraulic pressure	1.5-5.5Mpa	1.5-3.5Mpa
Maximum gas pressure	0.7Mpa	0.6Mpa
Total machine weight	7500Kg	2800Kg



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