



青岛同三塑料机械有限公司

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**TONGSAN**  
**同三塑机**

PLASTIC EXTRUSION LINE MANUFACTURER

青岛同三塑料机械有限公司

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青島同三塑料機械有限公司  
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## 企业简介 COMPANY PROFILE

青島同三塑料機械有限公司，歷經二十多年風雨，由單一的波紋管設備生產工廠，發展為以波紋管設備、中空板設備、木塑生產線為主打的多元化專業擠出機製造商。

我們的发展离不开客户朋友的支持。二十多年来，我们已为50多个国家的客户提供了数千条生产线。我们的设备为客户创造最大价值是我们不断的追求。

我们的工程师秉承用心做好每一个设备部件的初心，为客户交付高效稳定的设备，我们不辜负您的每一份信任。

目前，我们有1220mm至2800mm全系列PP中空板设备，设备配置达行业领先水平，可为客户提供塑料包装箱加工整线设备的技术支持。

我们的塑料波紋管設備專注於高速擠出線和異性波紋管生產線的研發和改進，精益求精不斷提升。

专业的木塑生产销售团队，为客户提供从项目报告到配方原料，从设备配置到制品加工的交钥匙工程，帮助客户从零开始到发展为专业木塑制品生产商。

我们可为您提供优质的塑料管材、片材、异型材生产线和各种设备辅机、配件。同三塑料机械，值得信赖的专业挤出机制造商，我们愿与每一个客户携手走向辉煌。

Qingdao Tongsan Plastic Machinery Co., Ltd., after more than 20 years improvements, has developed from small factory for plastic corrugated pipe machine to a diversified professional extrusion machine manufacturer focusing on corrugated pipe equipment, hollow corrugated board equipment and wood plastic production line.

Our development is inseparable from the support of customers and friends. For more than 20 years, we have provided thousands of production lines for customers in more than 50 countries. Our equipment to create the greatest value for customers is our constant pursuit.

Our engineers adhere to the original intention of doing every equipment component carefully, and only deliver efficient and stable equipment for customers. We live up to your every trust.

At present, we have a full range of PP hollow board equipment from 1220mm to 2800mm, and the equipment configuration reaches the leading level in the industry. We can provide customers with technical support for the entire line of plastic packaging processing equipment.

Our plastic corrugated pipe equipment focuses on the development and improvement of high-speed extrusion lines and heterosexual corrugated pipe production lines, and we strive for perfection and continuous improvement.

The professional wood-plastic production and sales team provides customers with turnkey projects from project reports to formula raw materials, from equipment configuration to product processing, and helps customers develop from scratch to professional wood-plastic products manufacturers.

We can provide you with high-quality plastic pipes, sheets, profiled material production lines and various equipment auxiliary machines and accessories.

Tongsan Plastic Machinery, a trustworthy professional extruder manufacturer, we are willing to work with every customer to achieve brilliance.

## DBGZ系列塑料单壁波纹管生产线

DBGZ SERIES PLASTIC SINGLE WALL CORRUGATED PIPE EXTRUSION LINE



This production line can be used to produce corrugated pipes of PE,PP,EVA,PVC,PA continuously.

Plastic single wall corrugated pipes have features of high temperature resistance,corrosion and abrasion resistance,high intensity and good flexibility,etc.They are widely used in fields of auto wire harness,electric thread-passing pipes,circuit of machine tool,protective of lamps and lantern wires,tubes of air conditioner and washing machine etc.

该生产线可连续生产PE, PP, EVA, PVC、PA等材料的波纹管,塑料单壁波纹管具有耐高温、耐腐蚀、耐磨损、强度高、柔韧性好等特点。广泛应用于汽车线束、电器穿线、机床线路、灯具线路的保护套,空调、洗衣机等电器领域也有广泛的应用



### Main Technique parameter : 主要技术参数

型号 Model	管径范围 Pipe Diameter	主机型号 Extruder model	主电机功率 Motor power	生产速度 Production speed	模块对数 Mold pairs
SJDBGZ-14	5-14mm	SJ-45	11KW	6-8m/min	42
SJDBGZ-32	10-32mm	SJ-50	15KW	5-12m/min	50
SJDBGZ-50	16-50mm	SJ-65	30KW	3-10m/min	50
SJDBGZ-63	16-63mm	SJ-65	30KW	3-10m/min	50
SJDBGZ-110	32-110mm	SJ-75	37KW	3-6m/min	72

## GSDBGZ系列塑料高速单壁波纹管生产线

GSDBGZ SERIES HIGH SPEED SINGLE WALL CORRUGATED PIPE EXTRUSION LINE

该设备可连续生产PE,PP,EVA,PVC,PA等材料的波纹管,通过技术升级,取代传统链条成型机,生产的制品外观与精度得到大幅的提升。

该生产线采用齿轮驱动,模具在轨道内运行,配合自动润滑系统及密闭式强制水冷却系统实现高速生产。

High speed single wall corrugated pipe making machine can produce PE,PP,EVA,PVC,PA etc material single wall corrugated pipe continuously.

We designed new technology, replace the traditional chain forming machine. The appearance and precision of single wall corrugated pipe have improved greatly.

The production line is driven by gears, and the mold runs in the track.

It is equipped with an automatic lubrication system and a closed forced water cooling system to achieve high-speed production.



Main Technique parameter : 主要技术参数

型号 Model	管径范围 Pipe Diameter	主机型号 Extruder model	主电机功率 Motor power	生产速度 Production speed	模块对数 Mold pairs
GSDBGZ-14	4.5-13mm	45/28	11kw	12-30m/min	63
GSDBGZ-50	10-50mm	65/30	30kw	10-30m/min	72

## 双壁波纹管生产线

### DOUBLE-WALL CORRUGATED PIPE PRODUCTION LINE

SBWG double-wall corrugated pipe production line can continuously produce HDPE double-wall corrugated pipe and this line can achieve on-line beelling.

The extruder adopt high-efficiency screw, the die head adopts double-layer spiral structure, mould die and core die being nitrided,

The forming machine adopts vacuum forming type, equipped with automatic lubrication system.

Forming mould is made of aluminium alloy, adopt water cooling type.

The pipe can be cut by on-line cutting machine automatically.

The machine has the function of automatic demoulding when power is off.

SBWG双壁波纹管生产线可连续生产HDPE双壁波纹管并实现在线扩口。  
主机使用高效螺杆，模具采用双层螺旋结构，口模及芯棒经氮化处理，成型机采用真空成型，配有自动润滑系统，模块铝合金材质，水冷结构，扩口管道在线自动切割。  
设备具有断电自动脱模功能。



### Main Technique parameter : 主要技术参数

型号	MODLE	SBWG-250	SBWG-110
管径范围	Pipe diameter	75-250mm	50-110mm
主机型号	Extruder model	75/33 & 65/33	65/33 & 65/30
主电机功率	Motor power	55kw & 45kw	37kw & 30kw
生产速度	Production speed	2-5m/min	3-4m/min
模块对数	Mold pairs	48	72
真空泵	Vacuum pump	5.5kw*2	5.5kw*2

## PVC双管生产线

PVC TWIN PIPE PRODUCTION LINE



The production line adopts unique mold and sizing sleeve design, which can produce PVC pipe continuously and stably.

PVC pipe has the features of strong corrosion resistance, easy adhesion, low price and hard texture.

该生产线采用独特的模具和定径套筒设计，可连续稳定生产PVC管。PVC管具有耐腐蚀性强、易粘接、价格低廉、质地坚硬等特点。

### Main Technique parameter : 主要技术参数

主机	Extruder	SJSZ-51/105	SJSZ-65/132
管径范围	Pipe Diameter Range(mm)	16-40mm	16-63mm
生产速度	Production Speed	12m/min	12m/min
最大产量	Max Output	100Kg/h	140Kg/h

## PVC管材生產線

PVC PIPE EXTRUSION LINE

SJPGZ series plastic pipe extrusion line is used for manufacturing PVC pipes of different diameter and thickness which are mainly applied to agricultural and construction water supply and drainage, overhead or underground wire and cable. Due to the special characteristics of the CPVC plastic pipes, they are widely used in the fields of Crude oil transportation, pipe lines of chemical industry which require high temperature and corrosion resistance hot and lukewarm water supply and drainage system, directly buried pipes of high and extra high voltage electricity, protection sleeves of wires and cables, etc.

SJPGZ系列塑料管材生產線主要用于生產農用給排水、建築給排水、纜線敷設等方面各種管徑、壁厚的塑料PVC管材。CPVC塑料管材因其具有的特性，廣泛应用于油田原油集輸、化工用耐溫耐腐蝕管道、熱水溫水給排水管道、直埋式高壓超高壓電力輸送、電纜護管等領域。



### Main Technique parameter : 主要技術參數

型号 Model	管徑範圍 Pipe Diameter	擠出量 Extrusion Capacity	主機型號 Extruder model	電機功率 Motor Power
TSPVCG-110	50-110mm	150-180kg/h	65/132	37kw
TSPVCG-160	75-160mm	150-180kg/h	65/132	37kw
TSPVCG-250	110-250mm	300-350kg/h	80/156	75kw
TSPVCG-400	200-400mm	400-500kg/h	92/188	110kw

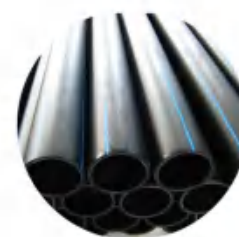


## HDPE燃气管 水管生产线

### HDPE GAS AND WATER PIPE EXTRUSION LINE

The production line adopts unique mold and sizing sleeve design, which can produce PE/HDPE pipe continuously and stably. PE/HDPE pipe has the features of good low-temperature impact resistance, good resistance to stress cracking, corrosion resistance, non-toxicity flexibility etc. Widely used in water supply, water drainage, gas transmission, threading and other fields.

该生产线采用独特的模具和定径套筒设计, 可连续稳定生产PE/HDPE管。PE/HDPE管具有良好的耐低温冲击性能, 良好的抗应力开裂性能、耐腐蚀性能、无毒柔性等特点, 广泛应用于供水、排水、输气、穿线等领域。



#### Main Technique parameter : 主要技术参数

参数Parameter	型号 Model	SJ-65B	SJ-70B	SJ-75B	SJ-90B
最大管材规格 Max. Pipe Diameter(mm)		65	110	250	630
标志线挤出型号 Marker Line Extruder Model		SJ-25	SJ-25	SJ-25	SJ-30
最大挤出量 Max Extrusion Capacity(kg/h)		120-150	160-180	250-300	400-500



## PVC纤维增强管生产线

PVC FIBER-REINFORCED PIPE PRODUCTION LINE

The pipe is suitable for carrying high-pressure or mordant gas and liquid, it is widely used in machinery, colliery, oil industry, chemical, agricultural irrigation, construction, home application (solar water heater, gas tank) etc.

Now it is also widely used in garden irrigation.

该管道适用于输送高压或腐蚀性气体和液体，广泛应用于机械、煤矿、石油工业、化工、农业灌溉、建筑、家庭应用(太阳能热水器、燃气罐)等。

现在它也被广泛应用于园林灌溉。

### Main Technique parameter : 主要技术参数

型号 Model	JDS45	JDS50	JDS65	JDS75
挤出机 Extruder	SJ45/30	SJ50/30	SJ65/30	SJ75/30
规格范围 Diameter Range(mm)	6-16	8-25	12-50	20-50
产量 Output(Kg/h)	20-40	30-60	40-80	60-110
装机功率 Installed Power (KW)	35	42	50	65



## PP中空格子板生产线

PP CORRUGATED HOLLOW SHEET EXTRUSION LINE



Tongsan PP hollow corrugated sheet extrusion machine can produce the sheet with the width of 1220-2800mm. We are also professional for all the auxillary machines for making PP hollow sheet into plastic box, such as edge sealing machine, die cutting machine, printing machine, welding machinery etc.

The PP hollow sheet/ corrugated sheet is widely used in fields of packing and transporting for machinery, electron, appliance, food, advertising, interior decoration material, glass, agricultural product etc.

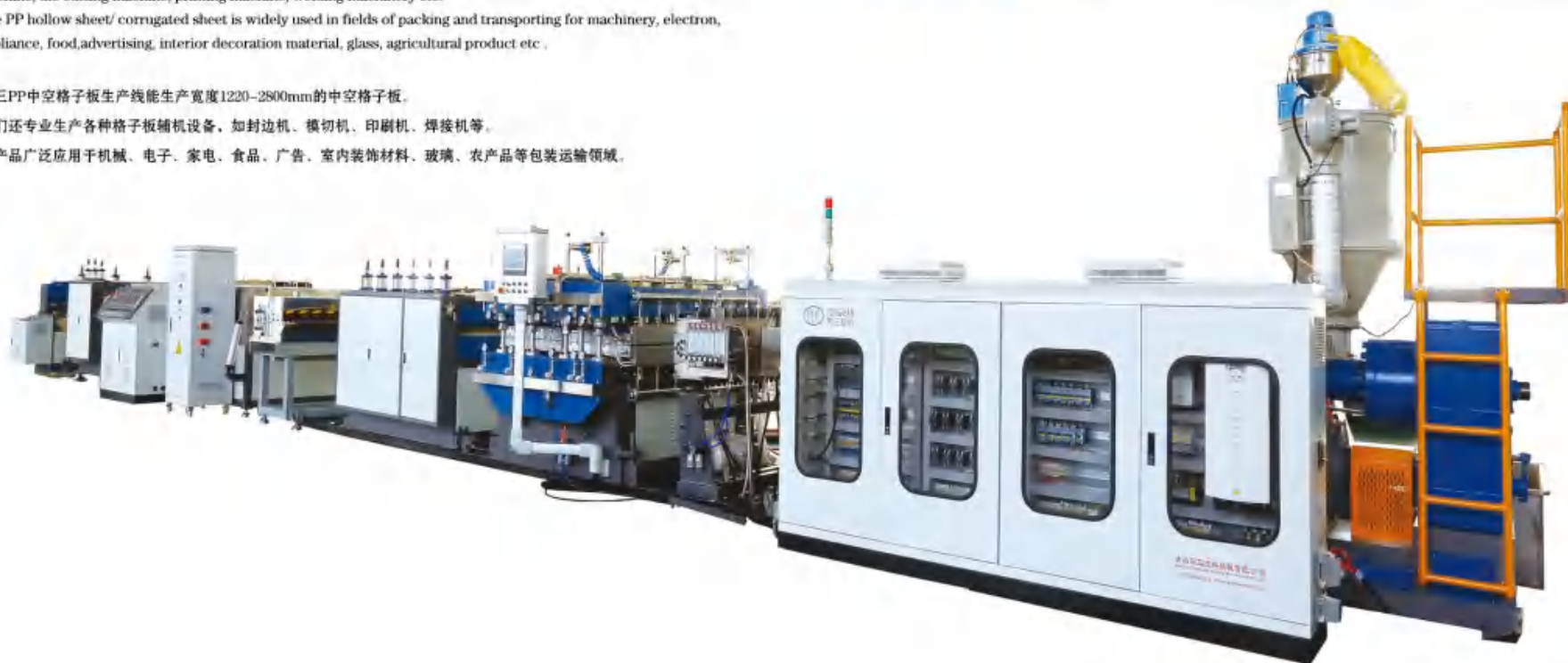
同三PP中空格子板生产线能生产宽度1220-2800mm的中空格子板。

我们还专业生产各种格子板辅机设备，如封边机、模切机、印刷机、焊接机等。

本产品广泛应用于机械、电子、家电、食品、广告、室内装饰材料、玻璃、农产品等包装运输领域。

### Main Technique parameter : 主要技术参数

Model	Sheet width	Sheet thickness	Extruder Model	Motor Power
TSGZB-1400	1250mm	2-6,8-12mm	100/36	55-75KW
TSGZB-1800	1700mm	2-6,8-12mm	120/36	75-90KW
TSGZB-2300	2150mm	2-6,8-12mm	120/36	90-110KW
TSGZB-2000	2450mm	2-6,8-12mm	120/36	90-110KW
TSGZB-3000	2800mm	2-6,8-12mm	150/36	132KW
TSGZB-2000(F)	2450mm	2-6,8-12mm	120/36&80/36	110+37KW



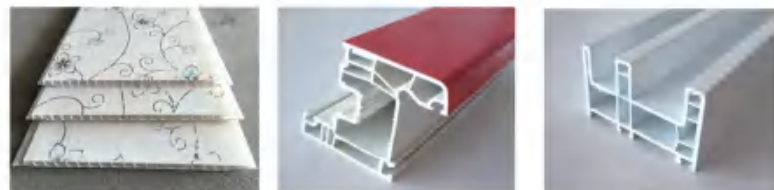
## 塑料型材生产线

PLASTIC PROFILE EXTRUSION LINE

SJYXC series plastic profiles extrusion line is specialized in producing plastic profiles including doors and windows profiles decorative plates tiny foaming profiles and decorative plates.

By Absorbing advanced technology from abroad, our company developed the large plastic profile extrusion line, which is equipped with conical double-screw extruder and it possesses advantages of high degree automation, stable performance, high efficiency, ect.

SJYXC系列塑料型材挤出生产线专业生产塑料型材，包括门窗型材，装饰板材，微泡型材，装饰板材等。本公司吸收国外先进技术，开发出大型塑料型材挤出齿。配有锥形双螺杆挤出机，具有自动化程度高，性能稳定，效率高等优点。

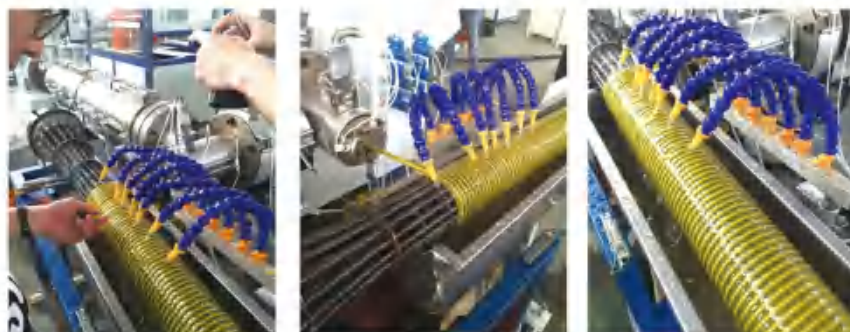


### Main Technique parameter : 主要技术参数

型号 Model	适用材料 Suitable Material	挤出机结构 Extruder Structure	主机型号 Extruder Model	电机功率 Motor Power
SJXC	PP/PE/ABS	Single screw	45/28	7.5kw
SJXC	PP/PE/ABS	Single screw	50/30	15kw
SJXC	PP/PE/ABS	Single screw	65/30	30kw
SJSZXC	PVC	Twin conical screw	51/105	22kw
SJSZXC	PVC	Twin conical screw	65/132	37kw
SJSZXC	PVC	Twin conical screw	80/136	75kw

## 塑筋螺旋管生产线

PVC PLASTIC RIB SPIRAL REINFORCED PIPE PRODUCTION LINE



The machine can be used to make PVC spiral reinforced pipe. The total production line including two extruders, forming device, water tank and winder.

This kind of pipe has features of compression resistance, resisting strong corrosion and positive or negative pressure, bent-resistant, good flexibility, etc. it is suitable for carrying the gas, liquid, powder and granules.

The pipe is widely used in industry, agriculture, construction and water conservancy irrigation etc.

该机可用于PVC塑筋螺旋管制作。该生产线包括两台挤出机、成型装置、水箱和绕线机。

该管道具有抗压、抗强腐蚀和正负压、抗弯曲、流动性好等特点，适用于输送气体、液体、粉末、颗粒等。广泛应用于工业、农业、建筑、水利灌溉等领域。

## 塑料冷切造粒生产线

PLASTIC COLD CUT GRANULATING PRODUCTION LINE



This machine line is mainly used for plastic with high melt index and high viscosity such as PP, PE, PS, HIPS, ABS, PC etc.

It adopts parallel double screw extruder and single screw extruder, the specially designed screw is applicable to the granulating, dyeing, reproduction for various materials.

Hob cutting type granule cutter is characterized by stable rotation, even cutting, energy and electricity saving and safely operating etc.

We can make different types extruder according to the customized production output.

该生产线主要用于PP、PE、PS、HIPS、ABS、PC等高熔体指数、高粘度塑料。

采用平行双螺杆挤出机或单螺杆挤出机，特殊设计的螺杆适用于各种物料的造粒、染色、复制。

滚刀切粒机具有旋转平稳、切粒均匀、节能省电、操作安全等特点。

我们可以根据客户的要求生产不同类型的挤出机。

## 塑料板片材生产线

PLASTIC SHEET / BOARD EXTRUSION LINE

This production line can produce PE,PP,ABS,PMMA,PC,PS,HIPS single layer or multi-layer plastic sheet product.

Plastic sheet is widely used in refrigerators, air conditioners, advertising, construction, environmental protection, chemicals, sanitary ware, car interiors and other fields.

该生产线可生产PE、PP、ABS、PMMA、PC、PS、HIPS等单层或多层塑料片材产品。塑料板材广泛应用于冰箱、空调、广告、建筑、环保、化工、卫浴、汽车内饰等领域。



### Main Technique parameter : 主要技术参数

参数 Data	单层板材 Single Layer Sheet /Board	复合板材 Multi-layer
Sheet Width	600mm-2000mm	600mm-2000mm
Sheet Thickness	1mm-20mm	1mm-10mm
Material	PP/PE/ABS	ABS/PS/PC/PMMA
Output Capacity	100-500kg/h	100-500kg/h

(PP木塑汽车后备箱垫板、内衬板)

## 塑料混合机 PLASTIC MIXER

### Main Technique parameter : 主要技术参数

参数 Para.	SRL-200/500	SRL-300/600	SRL-500/1000	SRL-800/2000
总容积 Total Volume	200L/500L	300L/600L	500L/1000L	800L/2000L
有效容积 Effective Volume	150L/320L	200L/360L	350L/600L	600L/1200L
混合时间 Mixing time	8-15min	8-15min	8-15min	8-15min
冷却时间 Cooling time	10-15min	10-15min	10-15min	12-18min



## 塑料破碎机 PLASTIC CRUSHER

### Main Technique parameter : 主要技术参数

参数 Para.	SWP360	SWP400	SWP500	SWP600
旋转刀径 Rotary blade diameter	360mm	400mm	500mm	600mm
动刀数 Qty of moving blade	3pcs	4pcs	12pcs	12pcs
筛孔直径 Sieve hole diameter	10mm	12mm	12mm	12mm
产量 Capacity	200-300kg/h	400-500kg/h	400-1000kg/h	700-1500kg/h
功率 Motor power	15kw	18.5kw	30kw	37kw



## 欢迎来到同三 WELCOME TO TONGSAN

