



华亚超高机械  
Huaya UHMWPE Machinery

**超高分子量聚乙烯管材、型材、棒材设备**  
UHMWPE pipe/sheet/rod equipment

**HDPE/PP/PVC管材设备**  
HDPE/PP/PVC pipe equipment

**莱芜华亚超高分子材料科技有限公司**  
Laiwu Huaya Polymer Sci.&Tech. Co.,Ltd

## COMPANY PROFILE 公司简介



莱芜华亚超高分子材料科技有限公司是一家以专业制造超高分子量聚乙烯管材设备的制造商。公司始终秉承“专一专业才能做到最好”经营理念,在超高分子量聚乙烯制品设备及其加工工艺方面投入大量财力物力,与中科院、山科大高分子研究所等单位合作,始终走在超高分子量聚乙烯设备制品研究的前列。公司在超高分子量聚乙烯制品设备制造、挤出工艺配方及其加工工艺方法、管材生产后续的大口径管材钢管内衬、小口径管材钢管缩颈紧衬、钢编复合增压、管材翻边法兰、管材工地现场施工安装等方面拥有全套成熟工艺技术,公司已有多项技术成果获国家技术专利。公司将继续坚持以市场为导向,以服务客户为宗旨,以发展超高分子量聚乙烯制品事业为己任,上下通力合作,努力把华亚塑机打造成为国内最专业、最前沿的超高分子量聚乙烯制品设备制造、工艺科研企业。

欢迎广大客户光临指导。

Laiwu Huaya Polymer Sci.&Tech. Co.,Ltd, is a producer that is engaged in manufacturing UHMWPE pipe equipment. The company insists on operation concept of “able to be the best by concentration and specialty” all the time, invests many financial resources and material resources into UHMWPE pipe product equipment and processing technology, cooperates with various units such as Chinese Academy of Sciences and Macromolecule Research Institute, Shandong University of science and technology, and takes leading position in research of UHMWPE pipe equipment and products. The company owns full mature technologies and techniques in various aspects such as UHMWPE pipe product equipment manufacture, extrusion technology formula and its processing process, pipe production subsequent large diameter steel pipe lining, small diameter steel pipe neck shrinkage tight lining, steel weaving composite pressurization, pipe turnover edge flange and pipe site construction and installation, and has many technical achievements that obtain national patents. The company will continue insisting on market as guidance and serving customers as tenet, regard developing UHMWPE pipe product cause as own task, make concerted cooperation by all employees, and make great efforts in forming Huaya Machinery into the most specialized and the most advanced UHMWPE pipe product equipment manufacture and technical research enterprise in China.

Welcome various customs to present for guidance.



## COMPANY CERTIFICATE 公司证书



COMPANY PATENT CERTIFICATE  
公司专利证书



有人说，生产超高分子量聚乙烯制品，拥有最先进的设备，是最重要的；

也有人说，拥有最成熟完整的生产工艺，是最重要的；

华亚人说，只有最完善的设备与最成熟的工艺，二者完美的结合、匹配，才能生产出质量一流的产品。

Someone says, owning the most advanced equipment is the most important for producing UHMWPE pipe products;

Someone says, owning the most mature and complete production technology is the most important;

Huaya people say, first-class products can be only produced by the perfect combination of the most improved facilities and the most mature technology.

Cao Hai

## 超高分子量聚乙烯管材

### UHMWPE Pipes

#### >> 管材特性

- 1、高耐磨性：在同等介质情况下，耐磨性是碳钢的6倍以上。
- 2、抗腐蚀性：基于超高分子量聚乙烯是一种饱和分子键结构，故其化学稳定性极高，在一定温度和浓度范围内能耐各种腐蚀性介质（酸、碱、盐）及有机溶剂的侵蚀。
- 3、高抗冲击性：超高分子量聚乙烯管道的抗冲击性和吸收冲击能居塑料之首，无论是外力强冲击还是内部压力波动都难以使其开裂。其冲击强度为尼龙66的10倍，聚乙烯PE100的4倍。
- 4、超强的抗拉强度和承压能力：超高分子量聚乙烯管道的抗拉强度是PE100的2倍，抗环境应力开裂能力是PE100的1倍以上。所以超高分子量聚乙烯管道的承压能力和抗环境破坏能力远远超过一般聚乙烯管道。
- 5、轻质性、易连接、安装方便：超高分子量聚乙烯管道单位管长仅为钢管重量的1/8，这就给装卸、运输、安装和使用带来了方便。连接采用法兰连接或热熔焊接。
- 6、经济型：超高分子量聚乙烯管道的价格，比传统钢管低，加之摩擦系数低、流通能力大、冲击强度高、耐腐蚀、耐磨损、耐候性等诸多因素综合对比，其性价比远远超过其它塑料管道和钢管。

#### >> Pipe feature

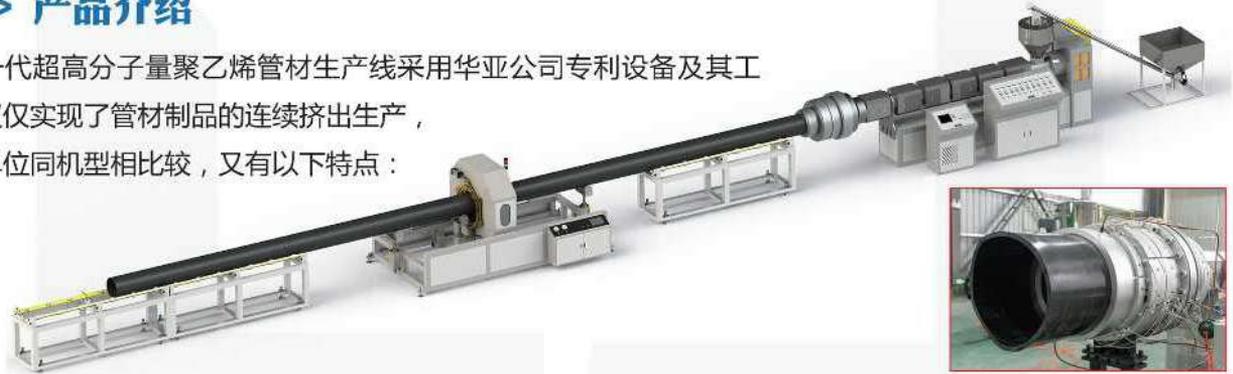
1. High wearing resistance: Its wearing resistance is over 6 times of that of carbon steel under same medium condition.
2. Corrosion resistance: UHMWPE is a saturated molecule bond structure, so it has very high chemical stability, and can bear corrosion by various corrosive media (acid, alkali and salt) and organic solvents within certain temperature and concentration range.
3. High impact resistance: UHMWPE pipe has the best impact resistance and impact energy absorption in plastics, and it isn't easy to break under outside strong pressure or inside pressure fluctuation. Its impact strength is 10 times of that of nylon 66, and is 4 times of that of polyethylene PE100.
4. Outstanding tensile strength and bearing capacity: Tensile strength of UHMWPE pipe is 2 times of that of PE100, and its environmental stress crack resistance is over 1 times of that of PE100. Therefore, bearing capacity and environmental damage resistance of UHMWPE pipe much exceed those of normal polyethylene pipe.
5. Small weight, easy connection and convenient installation: Unit length weight of UHMWPE pipe is only 1/8 of that of steel pipe, this brings convenience to loading, unloading, transportation, installation and use. Its connection uses flange connection or hot melting welding.
6. Economic performance: Price of UHMWPE pipe is lower than that of traditional steel pipe, by comprehensive comparison of various factors such as low friction coefficient, large circulation capacity, high impact strength, corrosion resistance, wearing resistance and weather resistance, its performance-price ratio much exceeds other plastic pipes and steel pipes.

## 新一代超高分子量聚乙烯管材生产线

Production line of new generation of UHMWPE wearing resistance pipe

### >> 产品介绍

新一代超高分子量聚乙烯管材生产线采用华亚公司专利设备及其工艺，不仅仅实现了管材制品的连续挤出生产，与其它单位同机型相比较，又有以下特点：



①管材产量能提高1/3以上；②综合能耗降低1/4以上；③管材制品综合质量大大提高。

超高分子量聚乙烯管材广泛应用于各种粉体、浆液、气体的输送，如矿粉、粮食、河道、泥沙处理、电厂排灰、海河水利用、矿井排水、油品、燃气输送，化工原料及工业“三废”的输送等领域，可代替铁管，钢管，不锈钢管和合金钢管。

### >> Product introduction

Production line of new generation of UHMWPE wearing resistance pipe uses patented equipment and technology of Huaya Company, realizes continuous extrusion of pipe products, in comparison with same machine of other units, and has following features: ① Pipe output can increase over 1/3; ② Comprehensive energy consumption reduce over 1/4 ; ③ Comprehensive quality of pipe products improves greatly.



UHMWPE pipe is widely used in feeding various powder, liquid and gas, for example various fields such as treatment of ore powder, grain, river course, mud and sand, ash exhaust of power plant, utilization of sea and river water, water drainage of mine, feed of oil and gas, and feed of chemical material and industrial “three wastes” , and can replace iron pipe, steel pipe, stainless steel pipe and alloy steel pipe.

### >> 技术参数 Technical parameter

挤出机型号 Extruder type	SJ-50/25	SJ-75/20	SJ-90/20	SJ-150/20	SJ-200/20	SJ-240/20
管径范围 (mm) Pipe diameter range (mm)	型材专用	φ40- φ89	φ89- φ189	φ159- φ500	φ500- φ800	φ800- φ1200
主电机功率 (kw) Main motor power (Kw)	7.5	15	18.5	30	55	75
挤出量 (kg/h) Extrusion quantity (kg/h)	1-5	1-10	5-20	10-40	30-80	40-120
托架长度 (mm) Bracket length (mm)	用户自定 Defining by user					
装机总功率 (kw) Total installing power (Kw)	<15	<30	<45	<65	<85	<120

## 超高分子量聚乙烯油井衬管生产线

### Production Line of UHMWPE Oil Well Lining Pipe

#### >> 产品介绍

超高分子量聚乙烯管材应用到油井衬管上，是在常规使用的钢管的里面衬超高分子量聚乙烯管材，使得超高分子量聚乙烯高耐磨的特性得到了充分的发挥，解决了油井管材偏磨严重的问题。超高分子量聚乙烯的低摩擦性，使得原油的输送阻力减小，提高了出油量，降低了能耗，超高分子量聚乙烯高自洁作用，使得原油中蜡质粘结在管壁的机遇大大减少，从而延长了油井的使用寿命。



华亚公司开发的超高分子量聚乙烯油井衬管专用设备，具有节能、实用、稳定性好等优点。利用公司超高分子量聚乙烯管材的生产工艺和配方专利技术，可以生产出质量上乘的超高分子量聚乙烯油井衬管。

#### >> Product introduction

UHMWPE applied to oil well lining pipe is to line UHMWPE pipe in normal steel pipe, brings high wearing resistance of UHMWPE into full play, and solves serious wearing of oil well pipe. Low friction performance of UHMWPE makes feeding resistance of crude oil reduce, improves oil output and decreases energy consumption; high own-clean function of UHMWPE makes possibility of waxy object in crude oil sticking on pipe wall reduce greatly so as to prolong operational life of oil well.



UHMWPE oil well lining pipe special equipment developed by Huaya Co., Ltd has various advantages such as energy saving, high practicality and good stability. UHMWPE oil well lining pipe with excellent quality can be produced by production technology and formula patent technique of the company.

#### >> 技术参数 Technical parameter

规格 Specification	挤出机型号 Extruder type	主电机功率 (kw) Main motor power (kw)	挤出量 (kg/h) Extrusion quantity (kg/h)	冷却水槽 (米) Cooling water tank length (m)	切割机 (台) Auto cutter (Set)	堆放架 (米) Piling frame (m)	装机容量 (kw) Installing capacity (kw)
Φ 65-79	SJ-65-28	22	10-30	5	1	10	< 60

## UHMWPE管材高速挤出生产线

### UHMWPE pipe high-speed extrusion line



#### >> 产品介绍

UHMWPE高速生产线采用华亚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、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。

#### >> Product introduction

UHMPE water supply pipe gas pipe production line adopt new generation UHMWPE pipeequipment developed by Huaya company patented technology: this device has unique structure, high degree of automation, easy operation, and continuous production stable and reliable The pipe produced by this device has proper flexibility, creep resistance, environmental stress cracking resistance, and good hot melt welding performance, has become the first choice of gas transmission pipes.



#### >> 技术参数 Technical parameter

生产型号 Product type	管材规格 (mm) Pipe specification	挤出机型号 Extruder type	最大挤出量 (kg/h) MAX extrusion capacity	总装机功率 (kw) Total install power
UHMWPE-110	Φ20-Φ110	SGX65/28	30	50
UHMWPE-250	Φ110-Φ250	SGX90/25	80	130
UHMWPE-450	Φ300-Φ450	SGX120/25	120	180
UHMWPE-630	Φ315-Φ630	SGX150/25	150	220
UHMWPE-800	Φ400-Φ800	SGX200/25	200	220

## UHMWPE隧道施工逃生管生产设备

### UHMWPE tunnel construction escape pipe production equipment

#### >> 产品介绍

UHMWPE隧道施工逃生管生产设备是华亚公司在开发的新一代超高分子量聚乙烯耐磨管材设备的基础上开发的新产品。

#### >> Product introduction

UHMWPE Tunnel Construction

Escape Pipe Production Equipment UHMWPE tunnel construction escape pipe production equipment is a new product developed by Huaya Company, which is based on the development of a new generation of ultra-high molecular weight polyethylene wear-resistant pipe equipment.



#### >> 隧道施工逃生管道技术参数

1. 逃生管道平均分子量在 250 万以上 弹性模量 $\geq 700\text{MPa}$  ;
2. 逃生管道常用规格 : 800(860)\*30mm ,
3. 长度标准 : 2 米 ,3 米 ,6 米 ,也可根据要求定做。
4. 连接方式 : 抱箍连接 ,链条软连接

#### >> UHMWPE Tunnel Construction Escape Pipe Technical Parameters

1. Average Molecular weight  $\geq 2.5$  million, Elastic modulus  $\geq 700\text{MPa}$ ;
2. Specification 800(860)\*30MM;
3. Length 2M/3M/6M Can be custom;
4. Connection method: Hoop connection, chain soft connection;



#### >> 技术参数 Technical parameter

设备型号 specification	管材规格 Pipe diameter (mm)	挤出机配置 Extruder	装机容量 Install capacity (kw)	机组耗水 Water consumption ( $\text{m}^3$ )	生产速度 Manufacture Speed (m/h)	外形材质 (长*宽*高) Size(lenght* width*height)
UHMWPE200	800*30	SJ-200/20	200	10	0.5-1	20*3*2
UHMWPE200	860*30	SJ-200/20	200	10	0.5-1	20*3*2

## UHMWPE耐磨托辊管材生产设备

### UHMWPE Wear-Resistant Roller Tube Production Equipment



#### >> 产品介绍

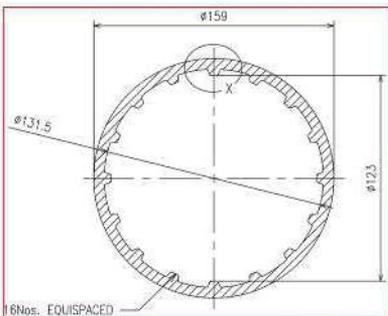
UHMWPE耐磨托辊专用生产设备是华亚公司在开发的新一代超高分子量聚乙烯耐磨管材设备的基础上开发的新产品。更换专用原料可生产抗静电阻燃双抗托辊。

#### >> Product introduction

UHMWPE wear-resistant roller special production equipment is a new product developed by Huaya Company, which is based on the development of a new generation of ultra-high molecular weight polyethylene wear-resistant pipe equipment.

Replacing special raw materials to produce antistatic, anti-flame retardant rollers

Long automatic chipless cutting machine



#### >> UHMWPE耐磨托辊管道技术参数:

#### UHMWPE Wear-Resistant Roller Tube Technical Parameters

1.托辊管材平均分子量在250万左右 2.托辊管道常用规格：φ89，φ108，φ133，φ159

1. Average Molecular weight  $\geq 2.5$  million 2.Specification φ89，φ108，φ133，φ159

制品规格 Spec.	挤出机配置 Extruder	装机容量(KW) Install Power	生产速度(m/h) Speed	外形尺寸(m) Dimension
φ89	SJ-90/20	36	1--3	15*2*2
φ108	SJ-90/20	36	1--3	15*2*2
φ133	SJ-90/20	36	1--3	15*2*2
φ159	SJ-150/20	65	1--3	18*2*2
φ219	SJ-150/20	70	1--3	18*2*2

## 超高分子量聚乙烯内衬油管装备设备

### UHMWPE oil well lining pipe assembly line

#### >> 产品介绍

我公司在吸收加拿大油井衬管装配设备的基础上，结合我国油田的实际，研究开发出了具有自主知识产权的缩径机(专利号20122011946.6)和翻边机(专利号Z201220119946.7)。

缩径机是通过6组交叉动力滚轮对超高分子量聚乙烯管材进行拉拔延伸变形，从而使外径大于油管内径的内衬管材整体变细能够顺利进入到钢管内，利用塑料管材的回弹功能让内衬管材能与钢管紧密贴合。

翻边机是利用液动力将已经穿进内衬管材的油管抱定，加热炉对管端进行加热处理后，翻边成型。



#### >> Product introduction

Base on absorbing Canadian oil lining pipe assembly equipment, combined with the actual circumstance of domestic oil field, research and develop necking machine(patent number ZL201220119946.6)and flanging machine(patent number ZL2012201199467 with independent intellectual property rights.

Necking machine is drawing extensional deformation to UHMWPE pipes by six groups cross rollers, so that make the lining pipe which outer diameter larger than oil pipe thinner can smoothly enter into the steel pipe, use rebound feature of plastic pipe let lining pipe tightly fit with steel pipe.

Flanging machine is adopting hydraulic power to fix the oil pipe which have lined lining pipe, heat the pipe end by furnace, then flanging and forming.



#### >> 装配线主要设备配置 Main equipment of assembly line

主要设备 Main equipment	缩径机 Necking machine	工艺房(m) Craft room	翻边机(mm) Flanging machine	纽扣机(mm) Screw fashener	空压机(m³) Air compressor	行走线(m) Walking line
规格 Specification	HY-73/89	6*12*2	HY-73/89	280	1	HY-73/89
数量 quantity	2	1	2	1	1	100

## 超高分子量聚乙烯板材/型材/棒材设备

### UHMWPE plate/profile/bar Equipment



#### >> 产品介绍

华亚公司在开发超高分子量聚乙烯管材设备的基础上，利用管材连续挤出的特性，相继开发了超高分子量聚乙烯板材、型材、棒材设备。可根据客户要求生产不同规格的板材及异型材生产线。

#### >> Product introduction

Huaya Co, Ltd, on the base of developing UHMWPE pipe equipment, develops UHMWPE plate and section equipment by using pipe feature of continuous extrusion. The company can produce production line of different size plates and abnormal materials according to customers requirements



## PVC管材生产线 PVC Pipe Production Line



生产线主要用于生产农用给排水、建筑给排水、线缆铺敷等方面和各种管径壁厚的塑料 PVC 管材。该机组由锥形（平行）双螺杆挤出机、真空定型台、牵引机、切割机、翻料架等组成。挤出机及牵引机采用变频调速装置。牵引机有二爪、三爪、四爪、六爪、八爪等牵引方式。配置锯片式或行星式切割机，机组性能可靠，生产效率高。

This production line is mainly used to produce all kinds of PVC pipe, which are widely used in agriculture and construction water supply and drainage and cable laying. This production line is composed of conical (parallel) twin-screw extruder, headpiece, vacuum sizing device, traction machine, cutting machine and stacking device. The extruder and traction machine adopts frequency control. The traction machine can be with two, three, four, six, eight claws. This production line is equipped with cutter (saw web or planetary). The production line has reliable performance and high efficacy.

### 主要技术参数 Main technical parameters

管径范围 Diameter range	挤出机 Extruder	主电机 Main motor	挤出量 Capacity	生产速度 Max. Speed
16-50mm	51/105	18.5kw	60-100kg	15m/min
63-160mm	65/132	37kw	150-200kg	6m/min
160-250mm	80/156	55kw	350-400kg	4m/min
200-315mm	80/156	55kw	350-450kg	3m/min
315-630mm	92/188	110kw	700-800kg	1m/min

## HDPE/PP/ABS/PA/POM 管材挤出生产线

### HDPE/PP/ABS/PA/POM Pipe Production Line



HDPE、MDPE 供水管、燃气管道具有良好的柔性、刚性、耐蠕变性、耐环境应力开裂性和良好的热熔焊接性。

我公司自主研发开发的 HDPE、MDPE 供水管、燃气管挤出生产线，其自动化程度高，操作方便，连续挤出生产稳定可靠。该生产线由高效挤出机、机头、定型冷却系统、牵引机、切割机、翻料架、控制系统等组成，并配合一台标志线挤出机。挤出机采用高效螺杆，强力输送衬套。机头采用螺旋式结构，出料均匀，静态混合。全线可实现单调、统调控制，操作十分方便。

HDPE. MDPE water supply pipe, gas pipe has good performance of flexibility, rigidity, creep resistant, environment stress crack resistance and nice hot melt weld-ability.

This production line has features of high automatic and more convenient operation. It can produce steadily and reliably. This production line is composed of efficient extruder, handpiece, vacuum sizing cooling system, traction system, cutting system, stacking device and control system. It is used together with one marker line extruder. The efficient extruder adopts efficient screw, transfer bush better. The handpiece adopts spiral type, it can make sure discharging uniformly and static mixing. The production line can realize the control of independent adjustment and consolidated adjustment. It is very convenient to operate.



### 主要技术参数 Main technical parameters

管径范围 Diameter range	挤出机 Extruder	主电机 Main motor	挤出量 Capacity	最大生产速度 Max. Speed
16-63mm	55/30	30kw	60-100kg	16m/min
63-110mm	65/30	45kw	100-200kg	6m/min
110-250mm	90/32	110kw	250-300kg	6m/min
250-450mm	120/32	160kw	350-400kg	3m/min
450-800mm	150/33	315kw	850-900kg	1m/min
800-1200mm	150/35	400kw	900-1200kg	1m/min

## 单螺杆挤出机

### Single Screw Extruder



该挤出机螺杆根据不同原料，采用不同螺杆形式和混炼元件的优化组合，机筒采用沟槽机筒与加长喂料段的优化设计，物料的熔融过程得到优化，从而提高基础产量，实现了物料熔体在较低温度的挤出。对不同物料提供了广泛的加工范围，适用于各种聚烯烃原料，特别适用于 HDPE,PP, ABS 管材原料。与相应的辅机配合可以加工多种塑料制品，如膜、管材、棒材、板材、丝、带、电缆绝缘层及中空制品等，还可用于造粒。

According to raw materials, the screw optimizes composing separate type screw and mixing parts .Barrel optimizes composing groove barrel and lengthened feeding segment.It' s optimized during material melting process.Thus get more extrusion throughput .It' s realized extruding melt material in low temperature.It has wide manufacture range for different materials.It' s suitable for all kind of polyolefin materials and especially for material for HDPE,PP,ABS.If equipped with relevant auxilliary engine,it can process many kinds of plastic products,such as film,pipe,rod,board,silk,tape,the insulating barrier of cable and hollow products and so on. It also can be used for pelleting.



## 主要技术参数 Main technical parameters

型号 Model	螺杆直径 Diameter	长径比 L/D	螺杆转速 (rpm)Speed	挤出量 (kg/h)Output	传动功率 Drive power	机筒加热 Heating		中心高(mm) Central height
						区数 District	功率(kw) Power	
SJ-30/25	φ30	25	12	8	3	3	3	1000
SJ-45/30	φ45	30	100	50	15	3	3	500/1000
SJ-50/30	φ50	30	127	60	18.5	3	3	500
SJ-55/28	φ55	30	130	95	30	3	3	500
SJ-65/30	φ65	30	110	140	37	3	3	1000
SJ-65/33		33	110	150	37	3	3	1000
SJ-75/30	φ75	30	100	150	45	3	3	500
SJ-75/33	φ75	33	100	160	45	4	4	1000
SJ-90/33	φ90	25	100	160	55	4	4	1000
SJ-90/30		30	80	210	75	5	5	1000
SJ-90/33		33	85	300	90	10	10	1000
SJ-95/30	φ95	30	85	260	90	5	5	1000
SJ-100/30	φ100	30	100	300	110	5	5	1000
SJ-120/30	φ120	30	55	360	132	6	6	600
SJ-120/33		33	70	420	160	6	6	1000
SJ-150/25	φ150	25	42	460	160	6	6	1000
SJ-150/30		30	60	650	250	7	7	600
SJ-160/30	φ160	30	55	650	250	7	7	600
SJ-180/30	φ180	30	48	700	280	7	7	840-860
SJ-200/25	φ200	25	60	600	280	7	7	1500
SJ-200/30		30	48	1000	355	8	8	1100-1180
SJ-220/30	φ220	30	40	1500	440	10	10	1200
SJ-240/30	φ240	30	35	2000	500	12	12	1500

## 锥形双螺杆挤出机

### Conical Twin-screw Extruder



SJSZ 型系列锥形双螺杆挤出机是一种适合于各类 PVC 粉料成型的专用设备。配备不同模具及辅机可以生产各类 PVC 塑料管材、异型材、板材、片材、棒材及造粒。螺杆采用油冷系统冷却。机筒采用特殊风冷系统冷却。根据不同配方要求，配备合理螺杆，以达到最佳塑化效果。



SJSZ series conical twin-screw extruder is one kind of special equipment that is suitable for PVC powder extrusion molding. If equipped with different molds and auxiliaries, it can produce all kinds of PVC plastic pipe profile, board, sheet, rod and pelleting. The screw adopts oil cooling system. The barrel adopts special air-cooling system.

### 主要技术参数 Main technical parameters

型号 Model	SJSZ45/90	SJSZ51/105	SJSZ55/110	SJSZ65/132	SJSZ80/156	SJSZ92/188
螺杆直径(mm) Screw diameter	Φ45-90	Φ51-105	Φ55-110	Φ65-132	Φ80-156	Φ92-188
螺杆转速 (rpm) Screw speed	45	40	38	38	37	36
螺杆扭矩(N.m) Screw torque	3148	6000	7000	10000	14000	32000
电机(kw) Motor	15	18.5	22	37	55	110
挤出量(kg/h) Capacity	70	100	150	250	400	750
螺杆旋转方式	异向外旋转 Heterodromous external rotation					

**超高分子量聚乙烯管材生产相关辅助设备**   
auxiliary equipment relating to UHMWPE pipe production



管材激光打字机  
Pipe laser printer



螺杆上料机  
Screw Feeder



模温机  
Mold Automatic Temperature Controller



破碎机  
Crusher



高搅冷混  
Blender mixer of Raw Materials



磨粉机  
Grinding miller

## 超高分子量聚乙烯管材常用规格表

### Normal specification table of UHMWPE pipe

规格 Specification	工作压力 Working pressure	米重 Meter Weight	吨长 Ton Length
φ 63×10	3.0	1.61	621.12
φ 64×2.5	内衬 Lining	0.55	1818.18
φ 75×10	3.0	1.98	505.05
φ 77×3.8	内衬 Lining	0.83	1210.46
φ 89×8	2.0	1.97	507.61
φ 89×10	2.0	2.4	416.67
φ 108×8	1.6	2.38	420.88
φ 108×10	2.0	2.91	343.57
φ 133×10	1.6	3.59	278.72
φ 153×3.5	内衬 Lining	1.257	636.94
φ 159×8	1.0	3.59	278.72
φ 159×10	1.6	4.43	225.97
φ 168×10	1.4	4.81	207.9
φ 168×12	1.6	5.70	175.43
φ 211×4	内衬 Lining	2.46	406.64
φ 219×10	1.0	6.37	157.00
φ 219×12	1.0	7.38	135.55
φ 250×12	1.25	8.48	117.89
φ 250×17	1.4	11.88	84.18
φ 256×8	0.5	6.04	165.57
φ 273×13	1.0	10.3	98.62
φ 273×19	1.6	14.7	68.02
φ 310×8	0.5	7.36	135.87
φ 273×13	1.0	10.3	98.62
φ 273×19	1.6	14.7	68.02
φ 310×8	0.5	7.36	135.87
φ 325×10	0.6	9.45	105.82
φ 325×15	1.0	10.3	98.62
φ 360×10	0.6	9.45	105.82
φ 369×4	内衬 Lining	4.34	230.62
φ 377×16	1.0	17.60	56.82
φ 426×17	1.0	20.65	48.43
φ 530×20	1.0	31.06	32.2
φ 560×24	1.0	38.6	25.9
φ 560×26	1.0	42.65	24.00
φ 630×25	0.8	46.7	21.71
φ 724×12	内衬 Lining	25.60	39.06
φ 800×30	0.8	68.61	14.58

## 超高分子量聚乙烯管材应用领域图示

Application field diagram of UHMWPE



市政应用 Civil application



电厂应用 Power plant application



矿山应用 Mine application



化工应用 Chemical industry application



水处理应用 Water treatment application



油田应用 Oilfield application

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