

**RUBBER PRODUCTION
PROFESSIONAL
CUSTOMIZED SOLUTION**

橡胶生产专业
定制方案

专业
为本

创新
立业

合作
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KUNSHAN CHENGQIAN MACHINERY CO., LTD.

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COMPANY PROFILE

公司简介

上海呈乾机械有限公司是专业生产橡胶机械的企业。自公司成立以来,我们已发展成为集研发、制造、销售、售后服务于一体型企业。世界领先的设计,强大的技术后盾,及完善的售后服务,为我们赢得了海内外广大客户的信赖和支持。我们会为每一个客户,每一台机器都建立一份完善的档案,以达到为客户提供终身服务的目的。

公司聚集了一批经验丰富的橡胶机械设计人员、制造人员、技术管理人才。正是由于有了这样一批优秀人才的存在,使得我们的产品在同行业中占有绝对的优势地位。公司的产品已成功地销售到众多知名企业以及各大学府中,更是远销巴西、泰国、印度、美国、俄罗斯等地区。

公司始终信守“质量第一,用户至上,以诚取信”的宗旨,竭诚为国内外客户提供优质的产品和服务。热烈欢迎各位朋友到我司,来电或来函洽谈业务,携手共进,共创辉煌!

Shanghai Chengqian Machinery Co.,Ltd is a leading manufacturer of Rubber Machinery. With more than ten years of history, it has evolved into comprehensive enterprise with integrated operations in scientific research, manufacture, sale and services. We have earned great reliance and support from customers worldwide for the advanced design,leading technology and satisfying service.

File systems are set up for every customer and product ,so as to provide life-long service for customers. With a group of professional and experienced designers ,manufacturing engineers,and technical engineers, we always keep ahead of others in the industry. Our customer bases are widely distributed in worldwide countries as Brazil, America, Russia, Thailand, India and so on. With the principle of “Quality First, Customer First, and Credit by Sincerity”, We are striving to offer the best products and service to customers. Warmly welcome your esteemed friends and company to visit us. Let’ s work together to achieve mutual benefits in future.



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HOT FEEDING GEAR PUMP STRAINER MACHINE

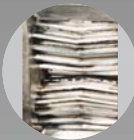
热喂料齿轮泵滤胶机

齿轮泵过滤机：

齿轮泵在线过滤机可以低温过滤，配合混炼胶生产线在线使用，实现连续生产，操作简洁节省人工，橡胶可加硫后过滤，不同种类橡胶可过滤目数0-300目。

Gear pump Strainer:

The gear pump strainer can be strained at low temperature. It can be used in conjunction with the rubber mixing production line to achieve continuous production. The operation is simple and labor saving. The rubber can be filtered after adding sulfur, and different types of rubber can filter 0-300 meshes.



人字齿



平齿/斜齿



TECHNICAL PARAMETER

技术参数 ▶

型号 Model	最大产量 Max.Capacity	胶条最大宽度 Strips Max.Width	表面积 Surface area	重量 Weight
	kgs	mm	mmxmm	kgs
GS-1000	1000	150	2500X1200	3000
GS-1500	1500	210	3800X1500	5000
GS-2000	2000	320	4100X1700	7000
GS-3000	3000	500	4400X2200	10000
GS-5000	5000	620	4700X2500	15000

Product advantages

产品优势 ▶

人字齿与直齿和斜齿相比的优点

1. 脉动更小;2.对橡胶熔体的剪切力更小;
- 3.输送物料时温升低;4.齿轮轴不承受轴向力.

Advantages of herringbone gear compared with straight gear and helical gear

1. Less pulsation, 2. Less shear force on rubber melt
3. temperature rising light during material conveying , 4. Gear shaft does not bear axial force

COLD FEEDING GEAR PUMP STRAINER MACHINE

冷喂料齿轮泵滤胶机



冷喂料齿轮泵过滤机：

冷喂料齿轮泵过滤机可以实现低温过滤，橡胶可加硫后过滤，不同种类橡胶可过滤目数0-300目，更换胶料时清理余料方便简洁。

The cold feeding gear pump Strainer can realize low temperature straining. The rubber with sulfur inside can be also filtered. The filtering nets of different types of rubber can be 0-300 meshes. It is convenient and simple to clean the remaining material when changing the rubber.

TECHNICAL PARAMETER

技术参数 ▶

型号 Model	最大产量 Max.Capacity	螺杆直径 Screw Size	加热/冷却区 Heatin/Coolingzones	最大操作压力 Max Operating Pressure	重量 Weight
	kgs	mm		Mpa	kgs
50	70	50	4	35/60	2000
75	220	75	4	35/60	2450
90	400	90	4	35/60	3800
120	700	120	5	35/60	4500
150	1200	150	6	35/60	6000

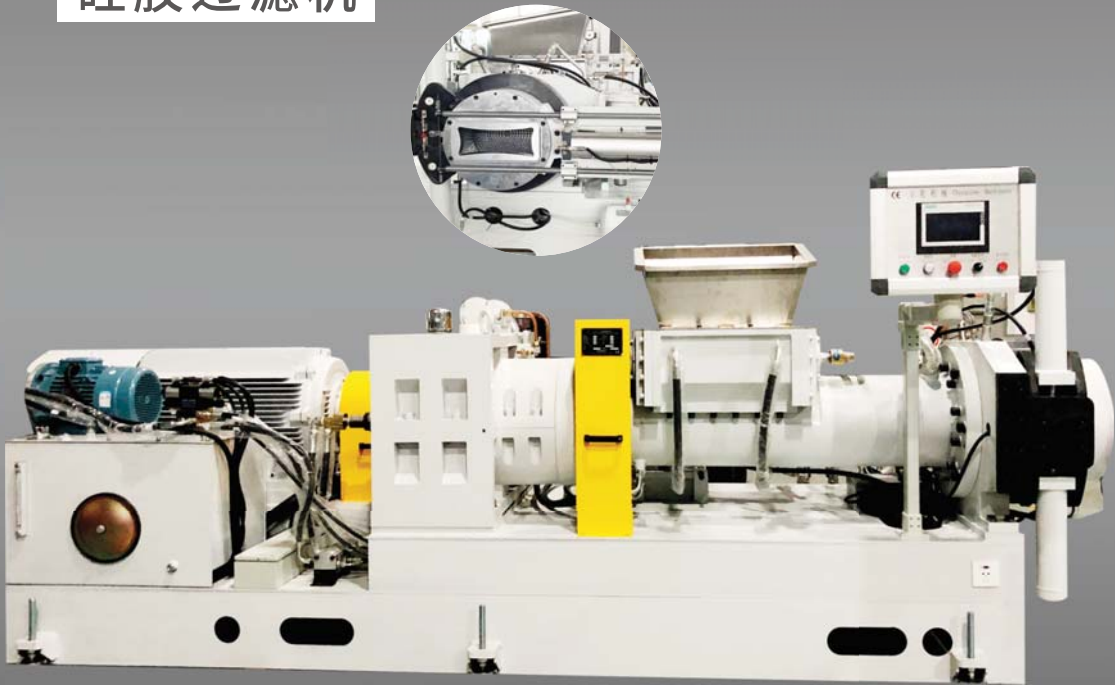
Product advantages

产品优势 ▶

- 1.A段B段均适用，加硫过滤不胶烧；
 - 2.清理余料方便；
 - 3.压力可选，适用各种高低硬度橡胶；
 - 4.持续性生产，大幅提高生产效率；
1. Section A and B are applicable, and rubber with sulfur inside can be filtered and is not burned;
2. It is convenient to clean up the surplus materials;
3. Pressure has many options, applicable to all kinds of high and low hardness rubber;
4. Continuous production, greatly improving production efficiency;

SILICONE STRAINING MACHINE

硅胶过滤机



TECHNICAL PARAMETERS OF SILICONE STRAINING MACHINE

硅胶过滤机技术参数 ►

筒及螺杆 Barrel and screw	200	250
螺杆直径Screw diameter	200mm	250mm
长径比 L/D	5.5:1	5.5:1
螺杆转速Screw rotating speed	0-50r/min	0-40r/min
齿轮箱Gearbox		
减速比reduction ratio	20:1	25:1
强制喂料系统Forced feeding system		
喂料方式 feeding methods	双挽下压喂料 double wrists	双挽下压喂料 double wrists
电气部分Electrical parts		
主电机功率Main power	75kw变频	110kw变频
双腕喂料电机Double wrist feeding Motor	7.5Kw变频 7.5Kw variable	11.5Kw变频 11.5Kw variable
整机尺寸(长宽高)Machine sizes	4400mm*2300mm*1800mm (LxWxH)	5500mm*2500mm*1900mm (LxWxH)

RUBBER STRAINING MACHINE

橡胶过滤机



- 可过滤丁腈橡胶、丁基橡胶、氟橡胶、硅橡胶等橡胶混合物。
- 过滤精度可达300目。与螺杆式过滤机相比，过滤过程不发热，或有烧焦现象。
- You can filter nitrite rubber, butyl rubber, fluorine rubber, silicone rubber and other rubber mixture.
- The filtration precision ups to 300 meshes. Compared to screw filter, the straining process does not heat up, or include scorching phenomenon.



PRODUCT FEATURES

产品特征

橡胶过滤机是利用柱塞推挤、输送作用,把胶料或再生胶中的杂质清除掉的机械。主要由柱塞、机筒、滤胶机头和传动装置等组成。滤胶机头上装有孔板及过滤网,孔板用于支承过滤网并为排料口,可过滤丁腈胶、丁基胶、氟胶、硅胶等各种胶料和橡胶混合料,过滤精度可达300目。相比螺杆式滤胶机,滤胶过程不升温、无焦烧现象。

Rubber straining machine is using the pushing and delivering function of the plunger to remove the impurities in the rubber or recycle rubber. Mainly consist of the plunger, barrel, filter head and transmission device, etc. The filter head is equipped with filter plates and filter net. The filter plates is used for supporting the net as the vent for material. You can filter nitrile rubber, butyl rubber, fluorine rubber, silicone rubber and other rubber mixture. The filtration precision up is to 300 meshes. Compared to straining to screw filter, the straining process does not heat up ,or include scorching phenomenon.

TECHNICAL DATA

技术参数

项目名称 / Item	单位 / Unit	ES-20P	ES-40P
料筒内径/Cylinder diameters	mm	200	250
最大挤出压力Maximum squeezing pressure	Mpa	24	24
一次装胶量/Rubber capacity per time	L	20	40
料桶最高温度/Maximum temperature in the cylinder	C	95	95
过滤精度/Filtering accuracy	目	40-300	40-300
总功率/Total Power	kw	14	20
重量/Weight	kg	2800	3800
外形尺寸 长*宽*高/Outline size L*W*H	mm	3000*1100*1750	4000*1100*1750

HOT FEEDING EXTRUDER

热喂料挤出机



TECHNICAL PARAMETER

技术参数 ▶

型号 Model	螺杆直径 Screw Diameter	长径比 L/D	螺杆转速 Screw Speed	主电机 Main Motor	齿轮箱速比 Gear Ratio	喂料方式 Loading	最大生产能力 Max. Capacity	机器尺寸 Machine Sizes
	mm	L/D	r/min	kw		热喂料 hot feeding	kg/h	LxWxH(mm)
CQD-150	150	7:1	50	55变频-6P	20:1		500-800	3900*2100*1700
CQD-200	200	6:1	43	75变频-6P	20:1		900-1500	4400*2300*1800
CQD-250	250	5.5:1	38	90变频-6P	25:1		1500-2000	5300*2600*1900
CQD-300	300	4.5:1	35	160变频-6P	28:1		2500-3000	5400*2700*1900

Product advantages

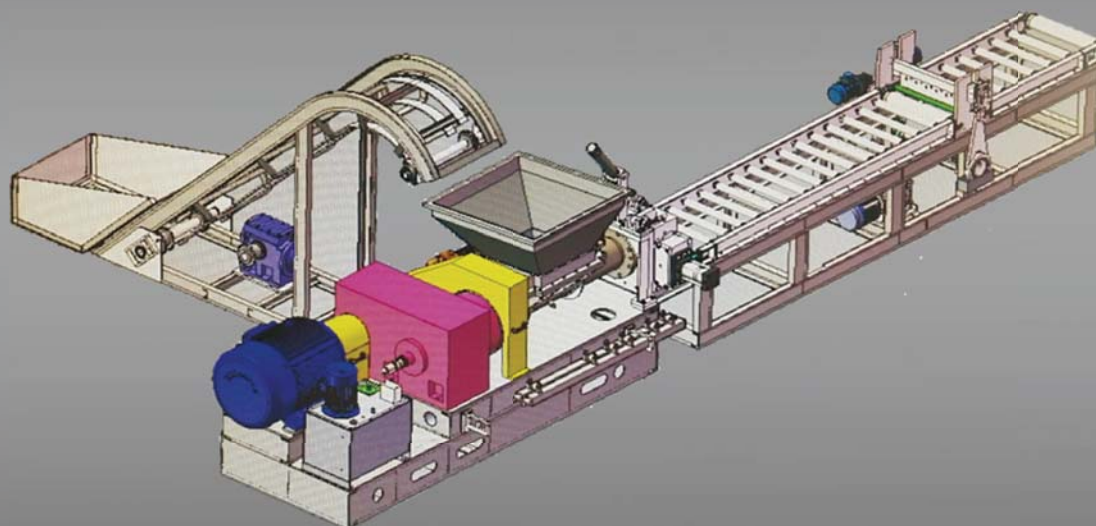
产品优势 ▶

热喂料过滤挤出机,要求喂入的胶料必须经过热炼,且供料均匀、稳定、等速,料温保持在50~70℃,热喂料过滤挤出机生产工艺需要配合开炼机使用,开炼机下片直接喂料,可实现边过滤、边出片。

The hot feeding straining extruder requires hot feeding of rubber, and the feeding should be uniform and stable with a constant speed. The material temperature should be maintained at 50-70 °C. The production process of the hot feeding straining extruder needs to be used together with the open mixing mill to achieve filtering and sheeting. The open mixing mill directly conveys the sheet for loading.

HOT FEEDING EXTRUDER

热喂料挤出机



ADVANTAGES

产品优势 ►

螺杆混炼挤出机集混炼、过滤、出片一体，节省人工、效率高效。适用于橡胶、塑胶、各类弹性体的过滤、出片，具不同企业要求可提供定制化技术服务。

Screw type extruder, with mixing, straining, extruding integrated together, can save the labor work, improve the productivity. It is suitable for straining and extruding of rubber, plastic, and any other elastomeric compound. In addition, The customized model can be also designed.

HOT FEEDING EXTRUDER

热喂料挤出机



SE-150/200/250 TECHNICAL DATA

SE-150/200/250 技术参数 ►

筒及螺杆 Barrel and screw	150	200	250
螺杆直径Screw diameter	150mm	200mm	250mm
长径比 L/D	L/D=7:1	L/D=6:1	L/D=5.5:1
螺杆转速Screw rotating speed	0-50r/min	0-50r/min	0-42r/min
齿轮箱Gearbox			
减速比reduction ratio	20:1	20:1	25:1
输入功率 conveying power	55kw-6p	75kw-6p	110kw-6p
强制喂料系统Forced feeding system			
喂料方式 feeding methods	双挽下压喂料 double wrists	双挽下压喂料 double wrists	双挽下压喂料 double wrists
电气部分Electrical parts			
主电机功率Main power	55kw变频	75kw变频	110kw变频
双腕喂料电机Double wrist feeding Motor	5.5kw变频 5.5kw variable	7.5kw变频 7.5kw variable	11.5kw变频 11.5kw variable
液压站电机 Hydraulic Station Motor	5kw	5kw	5kw
整机尺寸(长宽高) Machine sizes	3900*2100*1700(mm) (LXWXH)	4400*2300*1800(mm) (LXWXH)	5400*2600*1800(mm) (LXWXH)

PIN TYPE COLD FEED RUBBER EXTRUDER

销钉挤出机



TECHNICAL PARAMETER 技术参数 ▶

型号 Model	螺杆直径 Screw Diameter	长径比 L/D	螺杆转速 Screw Speed	电机功率 Main Motor	最大生产能力 Max. Capacity	喂料方式 Loading
	mm	L/D	r/min	kw	kg/h	
XD-90	90	12:16:20	60	55	250-350	旁压辊喂料 Side Roller Feeding
XD-120	120	12:16:20	50	110	500-600	
XD-150	150	14:16	43	160-200	800-1200	
XD-200	200	12:14:16	38	280-355	1200-2000	
XD-250	250	12:14:16	3.5-25	450-500	2000-3000	

Product advantages 产品优势 ▶

销钉式冷喂料橡胶挤出机 用于挤出各种橡胶制品及供胶

1. 选配不同的机头可挤制不同的橡胶半成品, 或为压延机供胶。
2. 销钉机筒为分段式结构, 喂料段机筒与旁压辊配合增加喂料能力, 塑化段和挤出段的机筒上装有数量不等的销钉。
3. 该机的优点是塑化效果好, 挤出能力强, 出胶温度低, 运行平稳等。
4. 根据客户需要, 可为销钉式冷喂料挤出机配备供胶装置输送胶片等。

Pin type cold feed rubber extruder Used for extruding various rubber products

1. Optional different machine heads can be used to extrude different semifinished rubber products, or to supply rubber for rolling machines.
2. The pin barrel is a segmented structure, and the feeding section barrel is matched with the side roller to increase the feeding capacity. The plasticizing and extrusion sections of the barrel are equipped with various numbers of pins.
3. The advantages of this machine are good in plasticization effect, strong extrusion capacity, low temperature of extruded rubber, and smooth operation.
4. According to customer's requirements, the pin type cold feed extruder can be equipped with a rubber supply device to transport sheet.

OPEN MIXING MILL

开炼机



TECHNICAL PARAMETER 技术参数 ▶

型号 Model	辊筒直径 Roll Diameter	工作长度 Roll Working Length	前辊线速 Front Roll linear Speed	前后辊速比 Speed Ratio Of Rolls	最大辊距 Max roll space	一次加料量 Compound Feeding Capacity	电机功率 Motor Power	外形尺寸 Overall Dimensions			约重 Weight
	mm		m/min	m/min	mm	kg	kw	L(mm)	W(mm)	H(mm)	t
XK-160	160	320	9	1: 1.35	4.5	1-2	7.5	1133	920	1394	1
XK-250	250	620	16.3	1: 1.1	8	10-15	22	2722	1115	1345	2.3
XK-360	360	900	16.7	1: 1.25	10	20-25	37	4200	1780	1760	6.1
XK-400	400	1000	18.65	1: 1.27	10	18-35	45	4471	1850	1850	8.3
XK-450	450	1200	21.8	1: 1.27	12	50	55	5405	1740	1790	11.4
XK-550	550	1500	22.5	1:1.2	15	50-65	90	6646	2736	2105	22
XK-560	560-510	1530	31.7	1:1.2	15	50-65	95	6270	2282	2000	22.5

Product advantages 产品优势 ▶

产品特点:

本机为两辊卧式结构,采用滚动轴承支承辊筒,省电节能,使用寿命长,提供稀油润滑或干油润滑两种方式,依据再生胶生产工艺流程配置多种速比,剪切力大,速度快,捏炼效果好,辊筒采用合金冷硬铸铁,硬度符合国家标准,前后辊均为光辊,机器可分右传动和左传动,订货时没有提出要求均按右传动供货。

产品用途:

本机是各种再生胶生产的基本设备,用于脱硫后胶粉的捏炼和再生胶的塑炼,在再生胶生产工艺中可单机配置和多机联动配置,达到最佳生产效果。

Product features

this machine is two horizontal roller structure,the use of rolling bearing support roller,save electricity and energy saving,service life is long,thin oil lubrication or dry oil lubrication in two ways,on the basis of reclaimed rubber production process configuration a variety of speed ratio,shear strength,speed,mastication effect is good,using alloy chilledcast iron roller,hardness meet the national standard,and roller are light roller, the machine can be divided into transmission and the left and right order without asking all the right transmission supply.

Product usage

this machine is the basic equipment for the production of various kinds of reclaimed rubber,used for desulfurization powder after mastication and redaimed rubber plastication ,in single machine of reclaimed rubber production technology in the configuration and multiple water machine configuration,achieve the best production effectd double drive; According to the process flow, a flipping device can be selected to save manpower and improve work efficiency.

RUBBER AND PLASTIC OPEN MIXING MILL

橡胶、塑胶开炼机



TECHNICAL PARAMETER 技术参数

规格 Spec	辊径x长度 Roll Size	前辊线速 Line Speed	前辊转速 Front Roll Rpm	滚筒速比 Roll Ratio	一次投料 Loading	电机功率 Motor Power	机械重量 Weight	安装尺寸 Dimensions	冷却方式 Cooling Mode	衬套 Bush	接料盘材质 Material Receiver	制动系统 Brake System	传动系统 Transmission
	d/l	m/min	min	front/back	once	kw	kg	lxwxh	加压冷却 旋转接头	轴承式	不锈钢材质	拍摩式按钮 刹车和脚踏 式刹车	低噪音齿轮 箱硬齿面
Φ16"	408 x 1000	20.65	16.44	1:1.27*	20-35KG	45KW-6P*	8000KG	L4001XW1500XH1870	Pressurized Cooling Rotating Joint	Bearing Type	Stainless Steel Material	Press Button Brake&foot Brake	Low Noise Gear Box Gear
Φ14"	360 x 920	19	16.5	1:1.27*	20-25KG	30KW-6P*	5800KG	L3700XW11425XH1870					
Φ12"	305 x 700	15.1	16.5	1:1.27*	14-20KG	22KW*	4300KG	L2754XW1275XH1657					

Product advantages 产品优势

主要用于：

1. 橡胶胶料的塑炼、混炼、压片以及胶料中的杂质清除。
2. 混炼胶的热炼、混炼、后段供胶等。
3. 塑料的塑化、塑料的混合、填充物的混炼、共混改性物的混炼、母料的制备，以及为压延机连续提供塑化的塑料等。

开放式炼胶机简称开炼机或炼胶机，它通过两个水平放置并以不同线速度相对回转的辊筒，将橡胶或塑料原材料进行剪切、挤压，达到对材料的塑炼、胶料的混炼、热炼、压片的过程。辊筒有中空和周边钻孔两种结构；调距方式有手动调距、电动调距、液压调距形式；挡胶板分为固定式、手动移动式、液压移动式；传动方式分为单驱动单出轴、单驱动双出轴和双驱动；可根据工艺流程选配翻料装置，节省人力，提高工作效率。

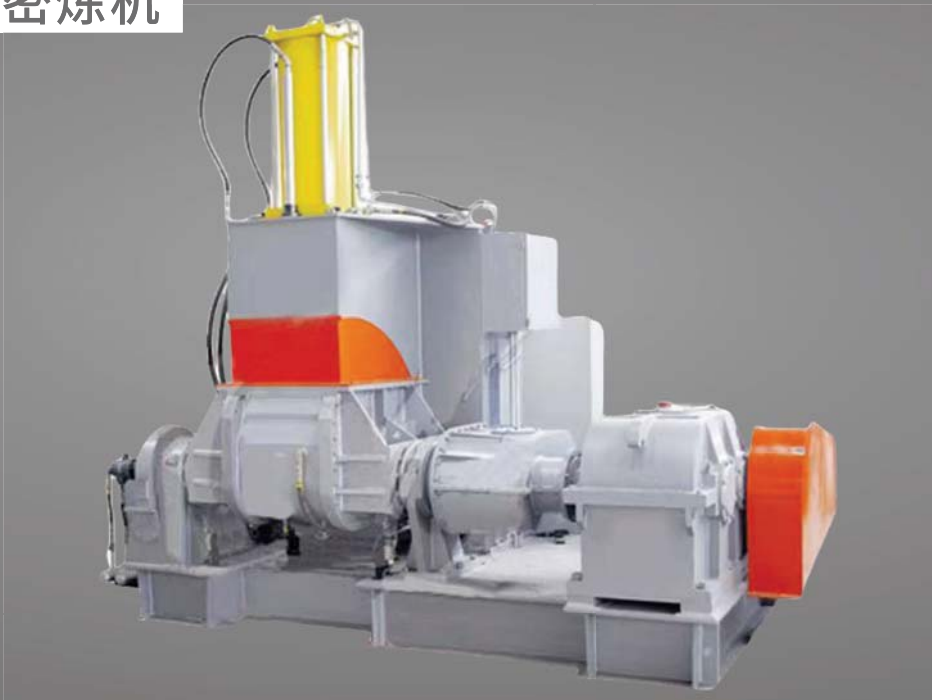
Application:

1. Plasticization, mixing, extruding film of rubber materials, and removal of impurities in the rubber materials.
2. Heat refining, mixing, and then supply of mixed rubber.
3. Plasticization of plastics, mixing of plastics, mixing of fillers, mixing of modified blends, preparation of masterbatch, and continuous provision of plasticized plastics for rolling machines.

Open type rubber mixing machine, abbreviated as, open mixer or rubber mixing machine, uses two horizontally placed and rotating rollers at different linear speeds to shear and squeeze rubber or plastic raw materials, achieving the process of plastic mixing, mixing, hot refining, and pressing of materials. The roller has two types of structures: hollow and peripheral drilling; The distance adjustment methods include manual adjustment, electric adjustment, and hydraulic adjustment; The rubber blocking plate is divided into fixed, manual mobile, and hydraulic mobile; The transmission mode is divided into single drive single output shaft, single drive double output shaft, and double drive; According to the process flow, a flipping device can be selected to save manpower and improve work efficiency.

DISPERSION KNEADER MIXER

加压式密炼机



TECHNICAL PARAMETER 技术参数 ▶

型号 Model	混合容量 Working(liters)	常用气压 Air pressure	主电动机 Power	翻转电机功率 Tilting motor	气缸直径 Air cylinder diameter	倾倒角度 Tilting angle	搅拌轴转速 Speed (前/后before/after)	机械重量 Weight	投料方式 Material direction	温度控制温差 Temperature control	安装尺寸 (size)H*W*L
55L	55L	0.6~0.8Mpa (6~8KG/cm)	75KW 6PAC	3.0KW	300mm	140°	32/25RPM(可选)	8500kg	背投式/前投式 (front or back)	± 2℃	3250*2300*3350
75L	75L	0.6~0.8Mpa (6~8KG/cm)	110KW 6PAC	4.0KW	350mm	140°	32/25RPM(可选)	10800kg	背投式/前投式 (front or back)	± 2℃	3760*2800*3280
110L	110L	0.6~0.8Mpa (6~8KG/cm)	160KW 6PAC	7.5KW	420mm	140°	32/25RPM(可选)	15000kg	背投式/前投式 (front or back)	± 2℃	4300*3000*3400
150L	150L	0.6~0.8Mpa (6~8KG/cm)	220KW 6PAC	11KW	550mm	140°	32/25RPM(可选)	20000kg	背投式/前投式 (front or back)	± 2℃	4600*3250*4200

Product advantages 产品优势 ▶

密炼机特性:

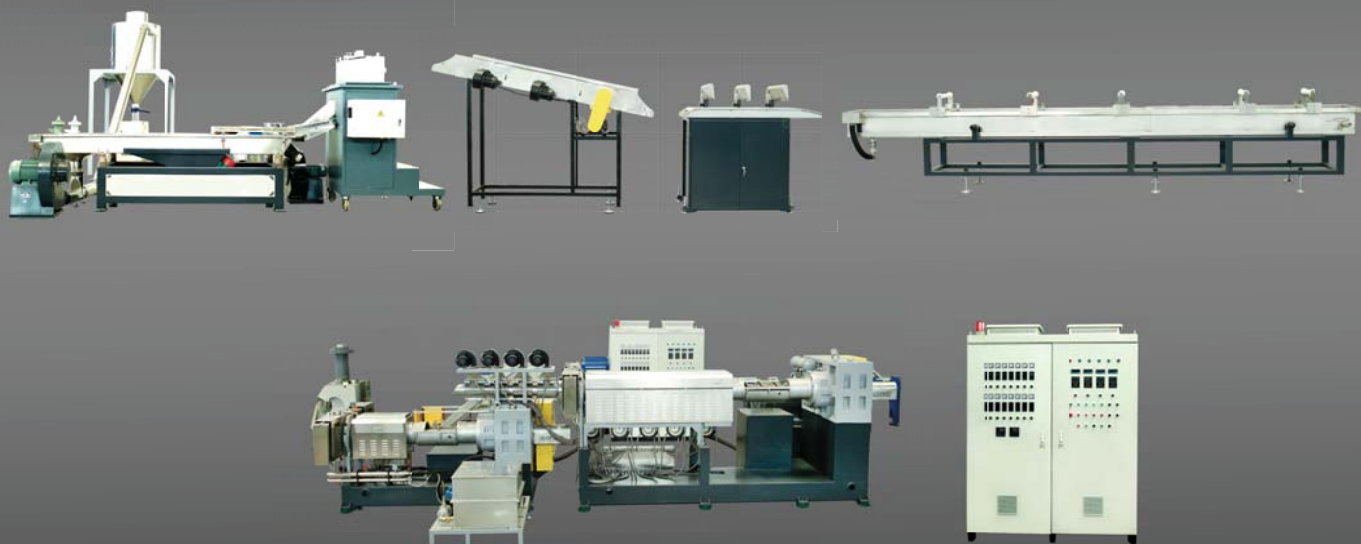
- 1、本机装置全自动温度及时间控制系统,操作精准.简单容易,混炼可达到最佳之分散效果。
- 2、混合槽为可倾倒式,搅拌轴防漏采用韩式机械轴封使清洗换色简便容易。
- 3、加压密封式混合槽除可确保混合物品质外并可防止环境污染。
- 4、混合槽采用高级合金钢制造,表面皆经耐磨处理,表面电镀硬铬耐磨性特佳。
- 5、电控配置可按客户要求设计。

Character:

- 1.This equipment possesses temperature and time control system for easy but accurate operation and best decentralization.
- 2.Tilt-able mixing chamber and mechanical shaft sealing design for easy cleaning and color changing.
- 3.Pressure sealed mixing chamber to assure the quality of mixed material and also prevent environment pollution.
- 4.The mixing chamber is made of soud alloy steel and work surface is hare chromim coated for supper antiabrasion.
- 5.Electric control configuration can be designed according to customer's request.

橡塑造粒机器

RUBBER AND PLASTIC GRANULATION MACHINE



设备介绍:单螺杆挤出机组主要用于橡塑和工程树脂的填充、共混、改性、增加、氯化、聚丙烯和高吸水性树脂的加工;可降解母粒、聚酰胺缩聚、聚氨酯加聚反应的挤出;碳粉、磁粉的造粒,电缆用绝缘料、护套料、低烟无卤阻燃型PVC电缆料及各种硅烷交联料的制备等,小机型(试验机)主要用于科研和教学。

Equipments introduction: The single screw extruder unit is mainly used for filling, blending, modifying, adding, chlorinating, polypropylene, and high water absorption resin processing of rubber and plastic and engineering resins; Extrusion of degradable masterbatch, polyamide condensation polymerization, and polyurethane addition reaction; Granulation of carbon powder and magnetic powder, preparation of insulation and sheath materials for cables, low smoke and halogen-free flame-retardant PVC cable materials, and various silane crosslinking materials. Small models (testing machines) are mainly used for scientific research and teaching.

COLD FEEDING GEAR PUMP PREFORMER MACHINE

冷喂料齿轮泵预成型机



EGP-50 COLD FEEDING GEAR PUMP PREFORMER MACHINE

EGP-50冷喂料橡胶齿轮泵预成型机

相对传统预成型机，齿轮泵预成型机拥有连续不间断的生产能力，超高的产能，免去了在开炼机上预热橡胶的环节，操作更加便捷，节省劳动力。

Compared with the traditional preformer machine, gear pump preformer machine has continuously loading production capacity and ultrahigh production capacity, which eliminates the process of preheating rubber on the open mixing mill, making the operation more convenient and saving labor.



EGP-75 COLD FEEDING GEAR PUMP PREFORMER MACHINE

EGP-75冷喂料橡胶齿轮泵预成型机

TECHNICAL PARAMETER

技术参数 ►

型号 Model	最大产量 Max.Capacity	最大操作压力 Max operating pressure	螺杆直径 Screw Size	螺杆长径比 ScrewL/DRatio	主电机功率 Main power
	kg/h	Mpa	mm	l/d	kw
50	70	35/60	50	10:1	11
75	180	35/60	75	10:1	30
90	320	35/60	90	10:1	37
120	550	35/60	120	10:1	75
150	1000	35/60	150	10:1	132
200	1500	35/60	200	10:1	160、200

型号 Model	加热冷却区 Heating/coolingzones	最大模具尺寸 Max. Die Size	切刀转速(可变) Cutter speed (Variable)	重量精度(体积) Accuracy(by volume)	重量 Weight
		mm	r/min	%	kg
50	4	73	0-400/-800	±1	2500
75	5	100	0-400/-800	±1	2950
90	5	190	0-400/-800	±1	4800
120	6	190	0-400/-800	±1	5500
150	6	190	0-400/-800	±1	6000
200	6	190	0-400/-800	±1	6500

EGP-90 COLD FEEDING GEAR PUMP PREFORMER MACHINE

EGP-90冷喂料橡胶齿轮泵预成型机



齿轮泵预成型机将冷喂料螺杆挤出机的塑化特性与齿轮泵的稳定特性结合，单螺杆冷喂料挤出机输送胶料到齿轮泵，由齿轮泵持续稳定地向机头切刀系统输送胶料，当进口处的压力变化时(由于材料变化、进料变化等)，齿轮泵出口处的压力保持不变，这种结合提升了裁切精度，保证了质量控制生产。

The gear pump preformer combines the plasticizing characteristics of the cold feeding screw extruder with the stability of the gear pump. The single screw cold feeding extruder delivers the rubber to the gear pump, and the gear pump continuously and stably delivers the rubber to the machine head cutter system. When the pressure at the inlet changes (due to material changes, feeding changes, etc.), the pressure at the outlet of the gear pump remains unchanged. This combination improves the cutting accuracy and ensures products quality.

EGP-120 COLD FEEDING GEAR PUMP PREFORMER MACHINE

EGP-120冷喂料橡胶齿轮泵预成型机



优点：

- 1、连续性生产，提高生产效率；
- 2、输出稳定，提升精度；
- 3、电动分离螺杆与齿轮泵方便清理，液压退模装置，方便取下尾料，减少劳动量；

Advantages:

1. Continuous production, improving production efficiency;
2. Stable output, improving accuracy;
3. The electric separation between the screw and gear pump, so as to clean it conveniently, and the hydraulic stripping device is added to remove the balance and reduce labor;

COLD FEEDING PREFORMER MACHINE

冷喂料系列预成型机

CP-50 COLD FEEDING PREFORMER MACHINE

CP-50冷喂料预成型机



PRODUCT FEATURES

产品特征 ►

冷喂料橡胶预成型机集过滤、挤出、切割、自动称重、计数等多个功能于一体，相较于热喂料预成型机，它是冷的条状连续喂料，取消了开炼机上卷装工序，提高了生产效率，也极大的降低了工人的劳动强度。

此机型结构分带齿轮泵和不带齿轮泵两种。不带齿轮泵的冷喂料预成型机，纯螺杆式结构，生产出来的胶胚重量精度与成型形状、尺寸，胶料种类、硬度有关，适用于生产常规胶料或重量精度要求不高的产品。带齿轮泵的预成型机，可以实现各类胶料的精密预成型，使物料在压力稳定状态下挤出成型，保障胶胚的重量精度。

Cold feeding rubber preformer integrates filtering, extrusion cutting, automatic weighing functions together. Compared with the hot feeding preformer, it is the cold strips continuously feeding, and it does not need open mixing mill to roll the material, improves the production efficiency, and greatly reduces the labor intensity of workers.

The structure of the machine is divided into two kinds : with gear pump and without gear pump. The cold feeding preformer without gear pump is with screw structure only. The weight accuracy of the produced blanks is related to the shape, size, type and hardness of the rubber, and is suitable for the production of standard rubber or products with lower weight accuracy requirements. Cold feeding Preformer machine with gear pump can realize the precise preforming of all kinds of rubber materials so that the materials can be extruded under a stable pressure, and ensure the weight accuracy of the rubber blank.

CP-75 COLD FEEDING PREFORMER MACHINE

CP-75冷喂料预成型机



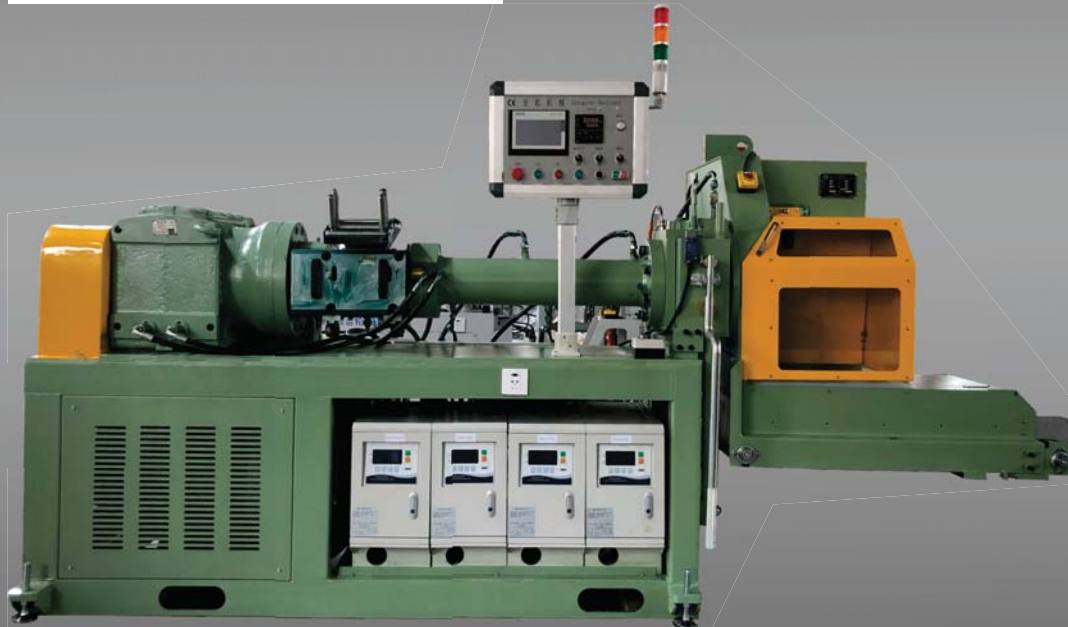
TECHNICAL DATA

技术参数 ►

料筒及螺杆Barrel and screw		CP-50	CP-75
1 螺杆直径Screw diameter		50mm	75mm
2 长径比 L/D		L/D=12:1	L/D=12:1
齿轮箱Gearbox			
1 减速比reduction ratio		16:1	16:1
2 输入功率 conveying power		7.5kw-6P	30kw-6P
切刀系统Cutting system			
1 最大模具直径Max. Die diameter		68mm	100mm
2 最大胶胚重量Max.Blanks weight		500g	1000g
3 最大产量/小时Output/hour		70kg	180kg
4 切刀转速 cutter speed		单刀每分钟 30-400 (r/min)	单刀每分钟 30-400 (r/min)

CP-90 COLD FEEDING PREFORMER MACHINE

CP-90冷喂料预成型机



TECHNICAL DATA

技术参数 ►

料筒及螺杆Barrel and screw	CP-90	CP-120
1 螺杆直径Screw diameter	90mm	120mm
2 长径比 L/D	L/D=12:1	L/D=12:1
齿轮箱Gearbox		
1 减速比reduction ratio	20:1	20:1
2 输入功率 conveying power	37kw-6P	55kw-6P
切刀系统Cutting system		
1 最大模具直径Max. Die diameter	127mm	190mm
2 最大胶胚重量Max.Blanks weight	2000g	2000g
3 最大产量/小时Output/hour	300kg	550kg
4 切刀转速 cutter speed	单刀每分钟 30-400 (r/min)	单刀每分钟 30-400 (r/min)

ES STANDARD RUBBER PREFORMER

ES系列标准型精密预成型机

ES-2P RUBBER PREFORMER

ES-2P精密预成型机



ES RUBBER PREFORMER

ES系列预成型机

预成型机是一种高效高精度的胶胚生产设备,它的最大优势在于能在有限的时间内挤出各种精密的中、高硬度的环形、条形、立体型、复杂胶胚。此设备适合生产橡胶杂件、O型圈、气门嘴、油封、高尔夫球网球、汽车配件、鞋底产品等,它集抽真空、过滤、挤出、切割、称量、计数等多功能于一体,不仅满足了客户的各种需求,而且节省了人工成本,提高了生产效率。

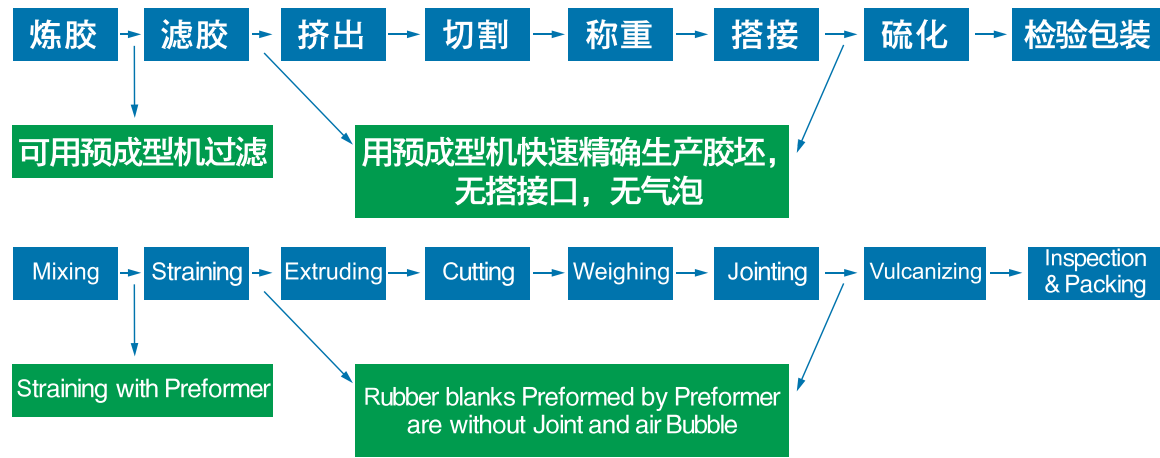
Preformer can produce blanks with high efficiency and high accuracy. Its biggest advantage is to extrude accurately all kind of medium/high-hardness blanks with different shapes, like ring, bar, threedimension and so on. It is used widely in Rubber industry, O Ring, Valves, Oil seal, Golf, Tennis Automotive, Footwear and other industries. It integrates vaccuming, filtering, extruding, cutting with weighing and counting together. Not only can it meet needs of customers, but also it saves labor cost and enhances productivity.

ES-2P TECHNICAL DATA

ES-2P技术参数 ▶

项目名称 / Item	单位 / Unit	
料筒容积/Batch Size	L	2
标准挤出压力Standard Extruding Pressure	psi	3000
装料位置/Load position		前部/front
料桶直径/Barrel Diameter	mm	100
最大生产能力kg/小时Maximum Output/Hour	kg	50
最大模头尺寸mm/Maximum Die Diameter	mm	60
总功率/Total Power	kw	10
油箱储量/Oil Reservoir	L	50
加热器功率/Heater power	kw	3.5
重量/Weight	kg	400
外形尺寸 长*宽*高/Outline size L*W*H	mm	1900*683*1750

传统工艺 Traditional Production Process 现代工艺 Modern Production Process



INDUSTRIES SERVED

使用行业 Ⓢ

- 挤压成型
- O型圈&油封
- 一般制品
- 汽车
- 鞋类
- 运动
- 休闲
- 农业
- 母料
- 医药
- TPE/EVA
- 建筑业
- Extrusion profiling
- O Ring & Oil Seal
- General goods
- Automotive
- Footwear
- Sports
- Leisure
- Agriculture
- Masterbatch
- Pharmaceutical
- TPE/EVA
- Construction



ES-5P RUBBER PREFORMER

ES-5P精密预成型机



STANDARD FEATURE OF RUBBER PREFORMER MACHINE

ES精密预成型机基本特性 ►

- 预成型坯重量精度可达+1%
- 标准操作压力210bar (3000psi)
- 切刀最高可达400转/分(单刀)
- 交流变频切刀控制
- 液压控制系统带比例阀
- 电子秤自动反馈胶坯重量
- 定点长度切割(脉冲切)
- 闪存卡可存储350种产品参数
- 可手动或自动循环操作
- 输送带正反转
- Preform accuracy up to +/- 1% by volume
- Standard operating pressure of 210 bar (3,000psi)
- Speeds up to 400 cuts per minute (single blade)
- Variable AC inverter controlled cutter
- Powerpack hydraulics with proportional flow control
- Weigh scale feedback loop for blank weight control
- Cut to length (pulse cut) facility
- 350 kinds of data base on removable "Flash memory"
- Manual or automatic cycle
- Conveyor Forward and Reverse

OTHER OPTIONS

其他功能 ►

- 240 bar (3500 psi) 或 380 bar (5500 psi) 操作压力
- 后喂料
- 预成型过程中同步过滤
- 更换口模简单
- 可中心加长
- 双刀可达到800切/分
- 240 bar (3500 psi) or 380 bar (5500 psi) operating pressure
- Load Behind
- Simultaneous screening
- available during preforming Simple installation
- Extended centre
- Double cutters(800 cuts/min)

ES STANDARD RUBBER PREFORMER

ES系列标准型精密预成型机



ES-5P/ES-20P TECHNICAL DATA

ES-5P/ES-20P 技术参数 ►

项目名称 / Item	单位 / Unit	ES-5P	ES-20P
料筒容积/Batch Size	L	5	20
标准挤出压力Standard Extruding Pressure	psi	3000	3000
装料位置/Load position		前部/front	前部/front
料桶直径/Barrel Diameter	mm	100	200
最大生产能力kg/小时Maximum Output/Hour	kg	75	270
最大模头尺寸mm/Maximum Die Diameter	mm	76	127
总功率/Total Power	kw	13	16
油箱储量/Oil Reservoir	L	60	200
供气流量/Air Supply	mpa		0.6~1.0
供水流量（25℃）/Water Supply（25℃）	L/min	15	20
重量/Weight	kg	880	3200
外形尺寸 长*宽*高/Outline size L*W*H	mm	2900*920*1700	3800*1100*1750

ES-40 RUBBER PREFORMER

ES-40 精密预成型机



产品优势 ►

- 电子秤自动反馈胶坯重量
- 7寸彩色触摸屏.
- 多种语言支持(如日语, 英文)
- 密码保护
- 触摸屏数据输入
- 适合各种胶料并按硫化需求预成型
- 刀头特殊平衡设计, 运转安静稳定
- 设计简单, 保养维修方便
- 采用特殊油压回路, 确保胶坯重量精度
- 投资回报率高(省人工, 省胶料)

ADVANTAGES ►

- Weigh scale feedback loop for blank weight control.
- 7 Inch visible colour screen.
- Multi - language available (e.g. Japanese, English).
- Password level protection.
- Data input on Touch screen.
- Suitable to preform all rubber material as vulcanizing required.
- Special balance design for cutter and runs stably.
- Simple design for ease of maintenance and service.
- Special logic hydraulic circuit with patent to insure weight precision for rubber blanks.
- Quick return on investment (labor & material saving).

ES-40P RUBBER PREFORMER

ES-40P 精密预成型机



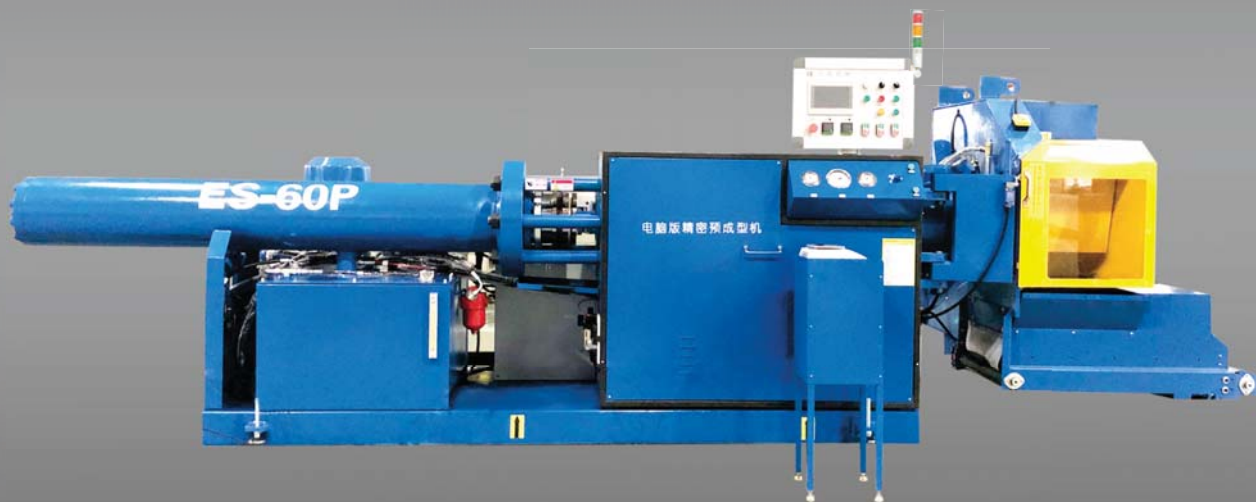
ES-40/ES-40P TECHNICAL DATA

ES-40/ES-40P 技术参数 ►

项目名称 / Item	单位 / Unit	ES-40	ES-40P
标准挤出压力Standard Extruding Pressure	psi	3000	3000
装料位置/Load position		前部/Front	前部/Front
料桶直径/Barrel Diameter	mm	250	250
最大生产能力kg/小时Maximum Output/Hour	kg	450	550
最大模头尺寸mm/Maximum Die Diameter	mm	190	190
总功率/Total Power	kw	23	23
油箱储量/Oil Reservoir	L	200	200
供气流量/Air Supply	mpa	0.6–1.0	0.6–1.0
供水流量 (25℃) /Water Supply (25℃)	L/min	35L	35L
重量/Weight	kg	4000	4200
外形尺寸 长*宽*高/Outline size L*W*H	mm	4400*1100*1750	4800*1100*1750

ES-60P RUBBER PREFORMER

ES-60P 精密预成型机



ES-60P TECHNICAL DATA

ES-60P 技术参数 ►

项目名称 / Item	单位 / Unit	ES-60P
标准挤出压力Standard Extruding Pressure	psi	3000
装料位置/Load position		前部/Front
料桶直径/Barrel Diameter	mm	250
最大生产能力kg/小时Maximum Output/Hour	kg	650
最大模头尺寸mm/Maximum Die Diameter	mm	190
总功率/Total Power	kw	23
油箱储量/Oil Reservoir	L	200
供气流量/Air Supply	mpa	0.6-1.0
供水流量 (25℃) /Water Supply (25℃)	L/min	35L
重量/Weight	kg	5000
外形尺寸 长*宽*高/Outline size L*W*H	mm	5800*1100*1750

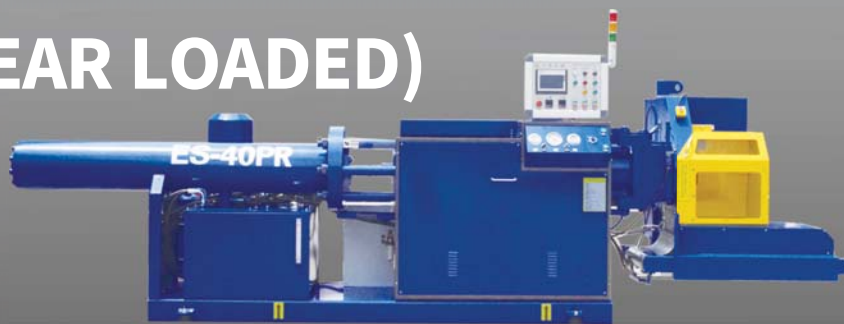
ES-320P RUBBER PREFORMER

ES-320P精密预成型机



ES-40PR (REAR LOADED)

ES-40PR(后喂料)



ES-320P/ES-40PR TECHNICAL DATA

ES-320P/ES-40PR 技术参数 ▶

项目名称 / Item	单位 / Unit	ES-320P	ES-40PR
料筒容积/Batch Size	L	60	80
标准挤出压力Standard Extruding Pressure	psi	3000	3000
装料位置/Load position		前部/front	后部/Rear
料桶直径/Barrel Diameter	mm	250	250
最大生产能力kg/小时Maximum Output/Hour	kg	550	650
最大模头尺寸mm/Maximum Die Diameter	mm	300	190
总功率/Total Power	kw	23	23
油箱储量/Oil Reservoir	L	200	240
供气流量/Air Supply	mpa	0.6-1.0	0.6-1.0
供水流量 (25℃) /Water Supply (25℃)	L/min	35	35
重量/Weight	kg	4500	5500
外形尺寸 长*宽*高/Outline size L*W*H	mm	4900*1100*1750	5900*1100*1750

ES SOLE PRECISION PREFORMER MACHINE

ES鞋底精密预成型机



INDUSTRIES SERVED

使用行业



鞋底模具

Shoe soles moulds



鞋底模具

Shoe soles moulds



鞋模机头

SH Head



鞋模机头

SH Head

PRODUCT FEATURES

产品特征 ►

ES鞋底精密预成型机是一种高效率、高精度鞋底胚料生产设备，代替传统的冲压工序直接将胶料成型为鞋底形状，相比之下生产效率大大提高且操作更为简便，更省胶料和人工，胚料精度可达±1%，配合冷却输送使用效果最佳，它集抽真空、过滤、挤出、切割、称重、计数等多功能于一体。

抽真空系统: 在挤切胶料之前先行抽真空，排除机筒、机头内部的空气和胶料中夹杂的气体，从而提高下工序硫化制品的质量。

加热系统:采用水循环加热方式，温度由数字式温控器控制和显示，保证机头、料筒的温度恒定。

ES Rubber Sole Precision Preformer is a manufacturing facility for rubber blank of efficient and high accuracy. The manufacturing process directly forms the rubber to the sole shape instead of the traditional pressing process, which greatly improve the production efficiency and save the material and labor cost. Moreover the blank accuracy can achieve ±1%. It will be better equipped with cooling conveyor. The precise Preformer combines functions such as vacuum, filtration, squeezing, cutting, weighting and counting.

Vacuum system:Before cutting and squeezing the rubber material, we should vacuum in advance to exclude the air in cylinder, head and inside the rubber material, there by improving the quality of the vulcanized products.

Heating system:using the water cycle heating ways. The temperature is controlled and displayed by a digital temperature control machine to ensure the stable temperature.

ADVANTAGES

产品优势 ►

- 采用PLC控制和触摸屏操作界面。彩色显示屏引导你方便地进行数据输入，密码保护。
 - 可储存1000种产品的工艺数据，随时调用。
 - 变频电机控制切刀无极变速。
 - 电子屏闭环反馈，控制胶胚重量。
 - 可靠的安全性，机头关闭，切刀旋转，柱塞前进和后退均有互锁装置。
 - 故障点图标及文字显示。
-
- Adopt PLC control and touch-screen. The colorful display screen leads you to input data conveniently. Include password protection.
 - Able to save the data of 1000 products, which can be used at any time.
 - Variable frequency motor controls the IVT of the cutter.
 - Electronic scale give closed loop feedback to control the blank weight.
 - Reliable safety, closed draw head and revolved cutter. There is interlocking device both for ram moving forward and moving back.
 - Icon and words display in the fault point.

ES HIGH PRESSURE RUBBER PREFORMER

ES系列高压型精密预成型机

ES-15PH RUBBER PREFORMER

ES-15PH精密预成型机



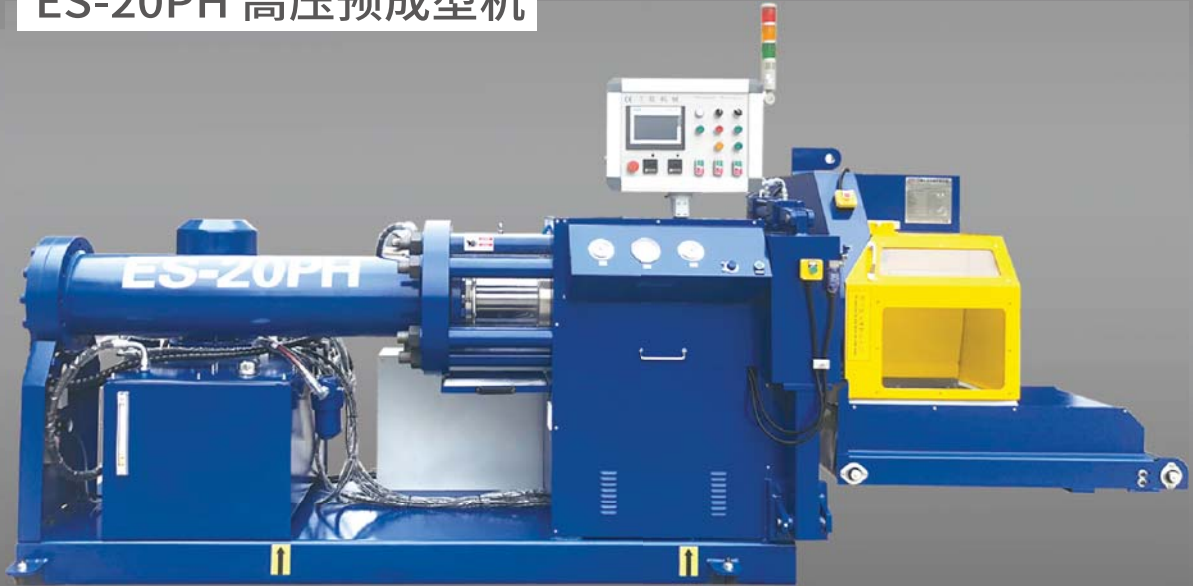
TECHNICAL DATA

技术参数 ►

项目名称 / Item	单位 / Unit	ES-15PH
料筒容积/Batch Size	L	15
标准挤出压力Standard Extruding Pressure	psi	5000
装料位置/Load position		前部/front
料桶直径/Barrel Diameter	mm	150
最大生产能力kg/小时Maximum Output/Hour	kg	180
最大模头尺寸mm/Maximum Die Diameter	mm	100
总功率/Total Power	kw	16
油箱储量/Oil Reservoir	L	200
供气流量/Air Supply	mpa	0.6-1.0
供水流量/(25C)Water Supply (25C)	L/min	20
重量/Weight	kg	3000
外形尺寸 长宽高/Outline size L*W*H	mm	3750*1100*1750

ES-20PH HIGH PRESSURE PREFORMER

ES-20PH 高压预成型机



ES高压预成型机特性

预成型机高压(H) 5000PSI系列机器的开发是为了满足橡胶行业不断增长的加工高硬橡胶或者特殊橡胶的需求,而ES标准预成型机是无法加工此种橡胶的。

高压机器比标准210BAR (3000PSI)的机器产量高达6倍

当橡胶要求必须过滤以减少污染物或者移除里面的杂质时,此种机型尤为必要。尽管ES所有机器都能做到过滤杂质,但标准机器有时候会大大的减少产量。而H系列机器可以是橡胶挤出压力达到5500PSI,毫无疑问满足了厂家的生产需求。

产量更大

右边的图表显示了不同胶料产量的潜在增长率,产量的实际增长比率还需要在我们的机器上实验才能确定,并且模具尺寸及滤网的使用对此也有影响。

Feature of ES Preformer (High Pressure)

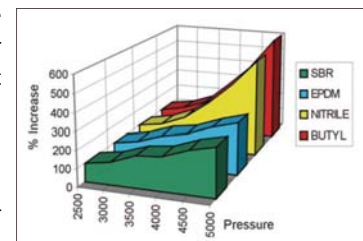
The H series (5500 PSI) of High Pressure Preformers have been developed to meet an increasing demand from the rubber industry for machines capable of processing tough or special materials at production rates that are not achievable with the standard range of ES Preformers.

Up to 6 times more output than a standard 210bar(3,000psi) machine.

This requirement has become more important where screening or filtering of materials is essential to reduce or eliminate contamination and remove impurities within the material. Although screening or filtering of materials has always been possible with any ES machine,the effect of this was to reduce outputs to sometimes unacceptable levels. The H series, with its increased compound extrusion pressure up to 380 Bar (5,500psi) overcomes this restriction and allows production demands to be met without compromise.

Higher Output

The chart indicates the potential increases for various materials,although actual rates for a specific product would need to be clearly defined through material testing on our demonstration machine and subject to die size and whether screening is applied or not.



ES-40PH HIGH PRESSURE PREFORMER

ES-40PH 高压预成型机



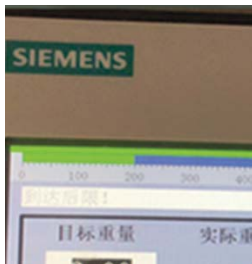
ES-20PH/ES-40PH TECHNICAL DATA

ES-20PH/ES-40PH 技术参数 ▶

项目名称 / Item	单位 / Unit	ES-20PH	ES-40PH
标准挤出压力Standard Extruding Pressure	psi	5000	5000
装料位置/Load position		前部/Front	前部/Front
料桶直径/Barrel Diameter	mm	200	250
最大生产能力kg/小时Maximum Output/Hour	kg	270	650
最大模头尺寸mm/Maximum Die Diameter	mm	127	190
总功率/Total Power	kw	19	30
油箱储量/Oil Reservoir	L	200	240
供气流量/Air Supply	mpa	0.6-1.0	0.6-1.0
供水流量（25℃）/Water Supply（25℃）	L/min	35L	35L
重量/Weight	kg	4000	5000
外形尺寸 长*宽*高/Outline size L*W*H	mm	4000*1100*1750	5200*1100*1750

OPTIONAL FUNCTIONS

选配功能说明



位移传感器

可以在触摸屏上很清楚地看到活塞杆移动的位置便于了解物料的结束时间

Position Sensor

By position sensor, the piston head position can be seen clearly from the touchscreen. People can understand when the material will finish.



伸缩性的输送带

设计了三档旋钮开关
输送带可以前中后三方位移动
便于区分重量校正前后的胶胚

Flexible conveyor belt

The flexible conveyor belt has three stops, former, middle, behind. It can differentiate the different stages of the blanks.



台达伺服电机系统

刀速0.5-800 转每分钟
可以切出更加精准的产品

Delta Servo motor

Cutter speed: 0.5-800 cuts/min
The blanks weight is more accurate



余料铲下装置

此设计方便将剩余的料头推下来
降低劳动强度 节省时间

Surplus shovel device

It can easily take down the balance material. Decrease the labor work and save the time



液压系统比例阀的设计

挤出压力更稳定 操作更简单

Hydraulic proportional valve system

The extruding pressure is more stable and the operation system is more simpler and advance



液压自动开关门

降低劳动强度 节约时间

Hydraulic automatic door opening and closing

Decrease the labor work and save the time



后喂料设计

喂料方式: 后端直接开盖喂料,
无需打开前面机头门 节约时间
提高了生产效率

Rear loaded design

Loading methods: rear loaded, no need to open the machine door every time. It can save lots of time and improve productivity



双层输送带设计

很适合做长条状产品或者有胶料
很软的客户产品不容易变形

Double conveyor belts design

It is designed so that some special shapes of blanks will not get distorted. Especially for long strips, or soft compounds.

RUBBER COOLING CONVEYOR

橡胶冷却输送机

BCC冷却输送机

——适合于所有的胶胚(包括鞋底冷却)

BCC Cooling Conveyor

——available for all kinds of blanks
(including the shoe sole)



PRODUCT FEATURES

产品特征 ►

冷却输送机是为了完善ES系列预成型机而特别设计的，它与预成型同步操作，主要用来在生产热胶胚时对其进行冷却、分离、以及干燥。对FKM、NBR、CR、EPDM、造粒、轴承密封件、油封、O型圈及片状的胶料的效果更为突出。

Cooling conveyor is specially designed to refine series of ES Preformer. It works along with Preformer and is mainly used to cool, separate and dry the heat blank during the production.

ADVANTAGES

产品优势 ►

- 冷却效果好,提高产品质量
- 为客户工厂节省占地空间
- Excellent cooling effect, Upgrade the product quality
- Save the space
- 防止橡胶粘连
- 冷却的产品多样性
- Avoid adhesion of materials
- Diversify the shape of products

BCC TECHNICAL DATA

BCC 技术参数 ►

项目名称 / Item	单位 / Unit	
入口高度/Entrance height	mm	320
输送长度/Conveying length	m	37
旋转槽层数/Rotating slot steps	steps	15
行程宽度/Stroke width	mm	230
行程间距/Travel distance	mm	110
电机尺寸/The size of the motor	w	2*750
震动速度/Vibration velocity	hz	30-60
空气冷却喷射/Air cooling injection		是/yes
PC耐力板/PC Resistant Board		可选/Option
外形尺寸 长*宽*高/Outline size L*W*H	mm	1000*2000*2650

RUBBER COOLING CONVEYOR

橡胶冷却输送机

GCC冷却输送机

——适用于使用冷气冷却的胶胚

GCC Cooling Conveyor

——available for those blanks cooled by cool air



可选的 Option
制冷柜 Chiller



PRODUCT FEATURES

产品特点 ▶

GCC冷却输送机是专为解决胶胚粘连、变形而设计的预成型机配套辅机，该机与胶料接触部位采用SUS304不锈钢材料，该机全身由PC亚克力板覆盖，避免胶胚受到尘土的污染。另外，全封闭的机身能促使风冷得到最大利用。

GCC cooling conveyor is designed to solve the rubber blanks adhesion, deformation. It is the ancillary equipment for Preformer. It is made in SUS304. This machine is covered by PC board, in case of pollution of rubber blanks by dust. In addition, the covered body can improve the fan cooling efficiency.

GCC TECHNICAL DATA

GCC 技术参数 ▶

项目名称 / Item	单位 / Unit	
入口高度/Entrance height	mm	320
输送长度/Conveying length	m	41
行程宽度/Stroke width	mm	230
行程间距/Travel distance	mm	100
电机尺寸/The size of the motor	w	2*750
震动速度/Vibration velocity	hz	30-60
空气冷却喷射Air cooling injection		是/yes
PC耐力板/PC Resistant Board		是/yes
外形尺寸 长*宽*高/Outline size L*W*H	mm	1000*2000*2800

CHILLER TECHNICAL DATA

制冷柜技术参数 ▶

项目名称 / Item	单位 / Unit	
制冷量/Cooling power	kw/hr	28.01
风量/ Air Volume	m³/h	10000
压缩机功率/Compressor Power	kw	7.5
风机/Fan Power	kw	0.9
压缩机/Compressor		全封闭涡旋式/ All-sealed flexible Scroll
制冷剂/Coolant		R22
蒸发器/Evaporator		紫铜管套铝翅片式/ RVCES
冷凝器/Condenser		高效铜管套波纹型铝翅片/HECT
风机/Fan		低噪音离心式/Centrifugal with lower noise
节流方式/The throttling process		外平衡式热力膨胀阀/External equalizer style thermal expansion valve
电器控制/Electric control		触摸屏+PLC (中英文) /Touchscreen + PLC (Chinese+ English)
重量/W	kg	350
外形尺寸 长*宽*高/Outline size L*W*H	mm	1330*725*1330

ES-520 WATER COOLING CONVEYOR

ES-520水冷式冷却输送机



PRODUCT FEATURES

产品特征 ▶

水冷式冷却输送机，是通过冷却水或冷却溶液使胶胚降温，再经过风冷，使胶胚变得干燥，稳定。此机专为解决胶胚粘连，变形而设计的预成型机配套辅机。

- 机身与胶料接触部位均采用不锈钢材料。
- 适用于水冷或使用液体隔离剂的产品，以及较大尺寸的产品。
- 水槽部分使用杠杆原理，方便对水箱提升分离，以便实现更换胶料时对水箱的快速清理。
- 全程调节水平不锈钢网带调控运行速度，配合预成型机的所有切割速度。

The water cooling conveyor, after cooling down with water or other cooling solutions, then with forcible cooling wind, makes rubber blanks become dry and stable. It is an auxiliary machine of rubber precision preformer machine to avoid stickiness and deformation of the rubber blanks.

- The machine body which directly conveys rubber blanks is made of stainless steel.
- Suitable for water cooling or using the liquid release agent, or larger sizes of products.
- The sink part, with the lever principle, easily separates and lifts the tank, in order to clean the tank quickly when replacing compound.
- The running speed can be adjusted by the stainless steel conveyor chain during the whole process, to meet the cutting speed of the preformer machine.

ES-520 TECHNICAL DATA

ES-520 技术参数 ▶

项目名称 / Item	单位 / Unit	ES-520
斜面输送(全部采用不锈钢材料)/Sloping conveyer(adopt stainless steel)		
水箱尺寸(LxWxH) / Water tank dimension(LxWxH)	m	1.7x0.9x0.3
料坯浸水距离/Distance of blank conveying (in water)	mm	1400
斜面输送宽度/Conveying width	mm	450
斜面输送速度/Conveying speed	m/min	5-10
斜面冷却风量/Volume of cooling wind	m ³ /h	4500
水平输送/Horizontal conveying		
水平输送宽度/Conveying width	mm	400
水平输送速度(可调)/Conveying speed (adjustable)	m/min	2~10
层次/Layer	3	
水平冷却风A/Volume of cooling wind	m ³ /h	40000
总功率/Total power	kw	2.5
外形尺寸(LxWxH)/External dimension (LxWxH)	m	5.5x0.8x2
重量/Weight	T	1.4

AUTOMATIC WEIGHING MACHINE

自动称重机



Product advantages

产品优势 ►

自动称重机

应用于预成型裁切后的产品称重、装框、码垛。此设备便于生产现场管理，优化生产过程，提高工作效率。根据设定的标准，对产品进行分类或统计，可满足不同尺寸产品的称重，可与生产线自动化设备配合使用，实现无人化操作。

Automatic weighing machine

Applied to weighing, framing, and palletizing of rubber blanks after cutting from rubber preformer machine. This device facilitates onsite production management, optimizes the production process, and improves work efficiency. According to the set standards, products can be classified or counted to meet the weighing needs of products of different sizes. They can be used with automatic production equipment to achieve unmanned operation.