



广东斯维特智能制造有限公司

Dongguan Taizhang Machinery Co., Ltd.
Guangdong SIVITE Intelligent Manufacturing Co., Ltd.



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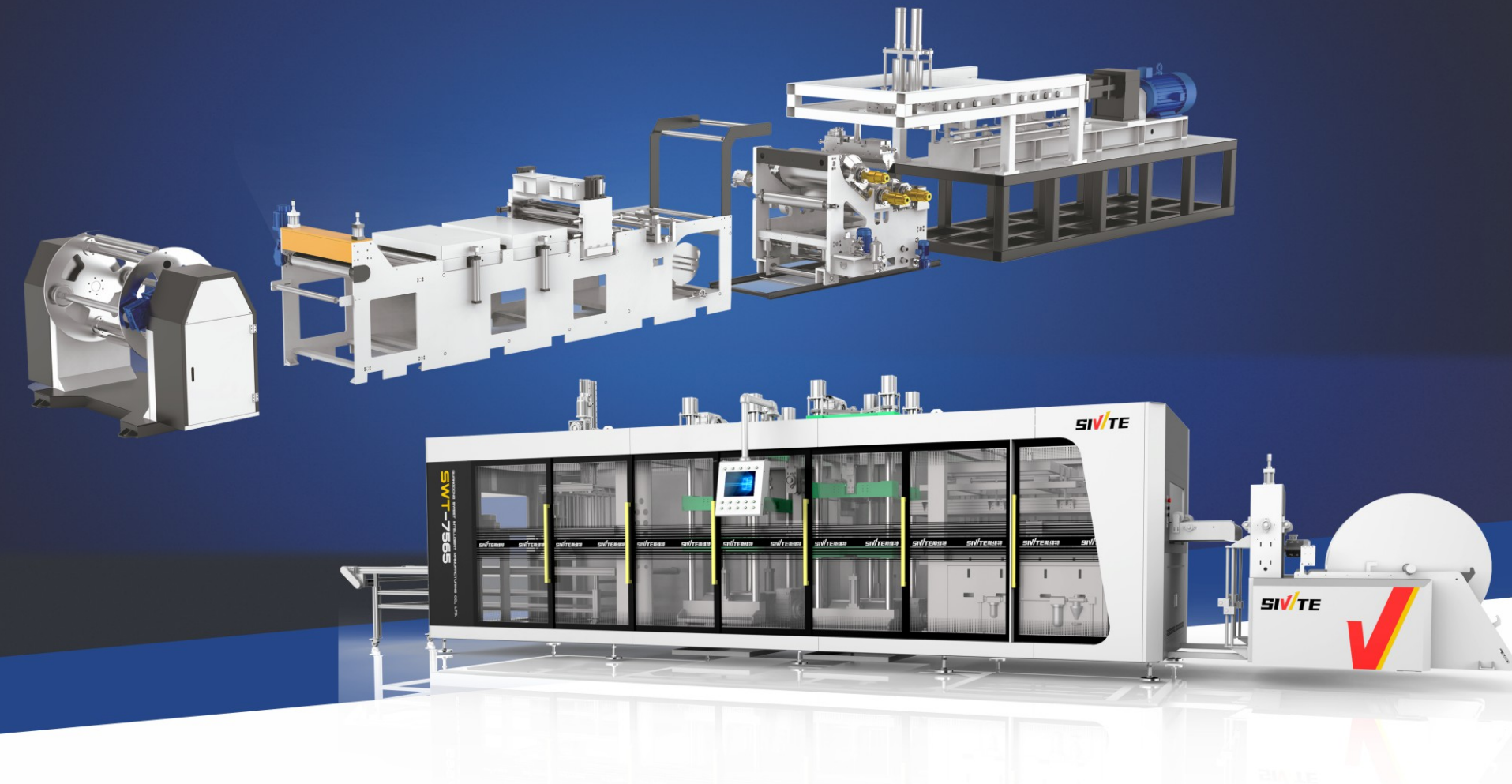
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挤出生产线系列

PET PP PS PLA Sheet Extrusion Production Line Series

吸塑热成型系列

Plastic Thermoforming Machines/ Plastic Cup Making Machines

破碎回收及辅机系列

Crushing Recycling And Auxiliary Machine Series

广东斯维特智能制造有限公司

Guangdong Sivite Intelligent Manufacturing Co.,Ltd

Company Profile



广东斯维特智能制造有限公司成立于2010年，位于“世界工厂”--东莞。作为深耕高分子材料加工设备领域15年的源头工厂，我们以10000多平方的现代化生产基地为依托，从核心部件铸造到整机装配实现全流程自主掌控，业务覆盖原料配方→片材挤出→热成型→粉碎回收全工艺段设备研发，致力于为食品包装、医疗用品、日用消费品等行业提供智能化、高效率的挤出热成型等设备解决方案。

Guangdong SIVITE Intelligent Manufacturing Co., Ltd. was established in 2010 and is located in Dongguan, the "world factory". As a source factory that has been deeply involved in the field of polymer material processing equipment for 15 years, we rely on a modern production base of more than 10,000 square meters to achieve full process control from core component casting to complete machine assembly. Our business covers the research and development of equipment for the entire process of raw material formulation → sheet extrusion → thermoforming → crushing and recycling, and is committed to providing intelligent and efficient extrusion forming and other equipment solutions for industries such as food packaging, medical supplies, and daily consumer goods.

SIVITE的工程师团队有多年技术沉淀经验，保障给每个客人提供高品质自动化产线。产品经过欧盟CE认证及ISO9001认证，公司拥有20多项实用新型专利证书，如：新型单螺杆+多螺杆免结晶干燥排气螺杆、无气胀轴高效定位自动卷绕装置、自适应热胀冷缩的挤出机挤出筒定位装置等。在客户使用过程中，实现了节能40%，片材韧性提升50%，生产效率提升！维护简单！

SIVITE'S engineering team has many years of technical experience to ensure that every customer is provided with high-quality automated production lines. The products have passed the EU CE certification and ISO9001 certification. The company has more than 20 utility model patent certificates, such as: new single screw + multi-screw crystallization-free drying and exhaust screw, non-air shaft efficient positioning automatic winding device, adaptive thermal expansion and contraction extruder extrusion barrel positioning device, etc. During customer use, energy saving of 40%, sheet toughness increased by 50%, and production efficiency was improved! Simple maintenance!

产品远销、巴西、泰国、越南、马来西亚、韩国、智利、美国等80多个国家和地区。产品成功案例超过1500个，品质得到客人认可。我们深知服务的重要性，因此建立了完善的服务支持体系。从售前咨询、方案设计到售后安装调试、技术培训及维护，我们为客户提供全方位的一站式服务。我们的服务团队专业、高效、热情，随时准备为客户解决各种问题和困难。欢迎广大客户前来考察合作！

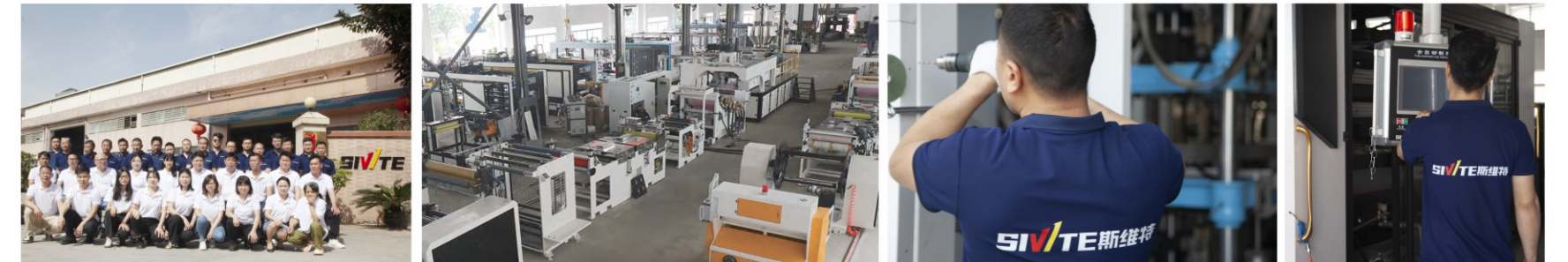
Our products are exported to more than 80 countries and regions including Brazil, Thailand, Vietnam, Malaysia, South Korea, Chile, and the United States. There are more than 1,500 successful cases of products, and the quality is recognized by customers. We are well aware of the importance of service, so we have established a complete service support system. From pre-sales consultation, solution design to after-sales installation and commissioning, technical training and maintenance, we provide customers with a full range of one-stop services. Our service team is professional, efficient and enthusiastic, and is always ready to solve various problems and difficulties for customers. Welcome customers to come for inspection and cooperation!

我们的宗旨：让好设备成为你企业的核心竞争力。

我们的愿景：成为全球片材挤出和成型设备领域的标杆企业。

Our Mission: Make good equipment the core competitiveness of your company.

Our Vision: To become a benchmark enterprise in the field of global sheet extrusion and forming equipment.



ENTERPRISE HONOR

企业荣誉



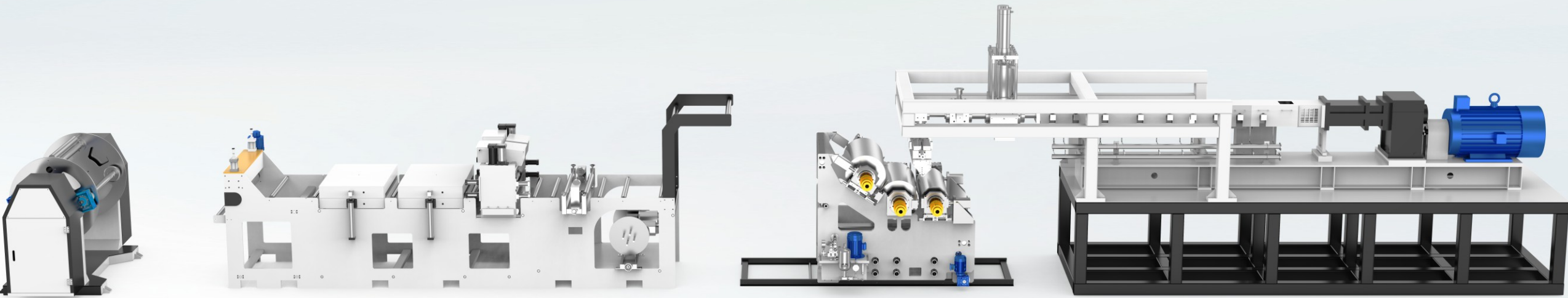
荣誉,意味著肩负更大的责任,印证了我们昨日的辉煌,记录了我们今日的收获,也确定了我们明日新的起点。

Honor means shouldering greater responsibility.
It reflects the glory of our past, records our achievements today, and establishes a new starting point for tomorrow.



玉米竹粉基环保可降解片材挤出生产线

CORN BAMBOO POWDER-BASED ECO-FRIENDLY BIODEGRADABLE SHEET EXTRUSION PRODUCTION LINE



玉米淀粉+PLA/PBAT片材
玉米淀粉+PP片材
竹粉+PLA/PBAT片材
竹粉+PP/PE片材

Corn starch+PLA/PBAT sheet
Corn starch+PP sheet
Bamboo powder+PLA/PBAT sheet
Bamboo powder+PP/PE sheet

- ◆淀粉——原料天然：以天然玉米淀粉竹粉为原料，可持续供应，使天然资源重复使用，循环不息。
- ◆降解——安全生物降解：原料为天然高分子化合物，能在自然环境下实现降解。
- ◆环保——绿色环保：产品使用后在自然环境中能快速被微生物降解，成为植物养料，真正做到源于自然，还于自然，有效解决白色污染带来的环境破坏。

◆ Starch-Raw Material from Nature: Made from natural corn starch and bamboo powder, it ensures sustainable supply and enables the reuse of natural resources in an endless cycle.

◆ Degradation-safe biodegradation: The raw materials are natural polymer compounds, which can be degraded in the natural environment.

◆ Environmental protection-green environmental protection: After the product is used, it can be quickly degraded by microorganisms in the natural environment and become plant nourishment. It truly originates from nature and returns to nature, effectively solving the environmental damage caused by white pollution.

技术参数

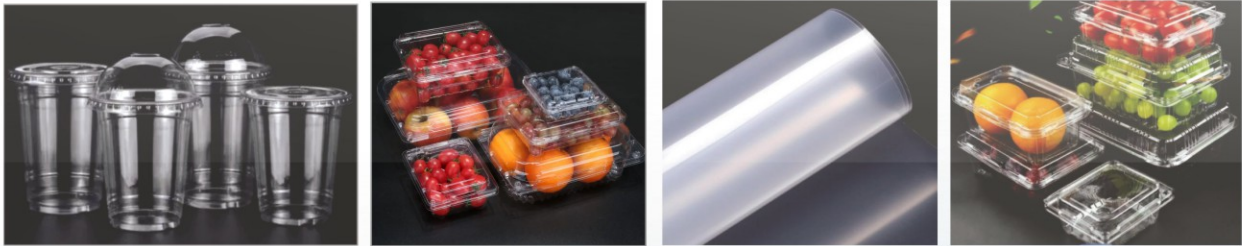
Technical Parameter

型号	Model	SWT-75	SWT-85	SWT-95
制品厚度	Thickness of the product	0.15-2mm	0.15-2mm	0.15-2mm
主电机功率	Main motor power	160kw	220kw	315kw
最大挤出产量	Capacity(Max.)	600kg/h	800kg/h	1200kg/h



新型免结晶干燥行星排气型单螺杆片材挤出生产线（PET PLA PP PS PC PMMA PE ABS）

NEW TYPE OF CRYSTAL FREE DRYING PLANETARY EXHAUST SINGLE SCREW SHEET EXTRUSION PRODUCTION LINE



特点描述
Feature Description

SIVITE行星式单螺杆挤出机融合了单螺杆和多螺杆挤出的优势。与双螺杆挤出机相比，单螺杆挤出机在塑化过程中降低了剪切频率，有效减少了PET树脂的粘度下降。这有助于更好地保持PET树脂的原有韧性，从而生产出具有以下特点的片材：

- ◆优异的韧性
 - ◆高光泽度和透明度
 - ◆更少的凝胶点和黑点
- 行星式排气多螺杆部分具有以下特点：
- ◆高效真空脱气——更彻底地去除水分，减少预干燥步骤，节省能源
 - ◆增强塑化和均质化——确保熔体质量均匀

The SIVITE planetary single screw extruder combines the advantages of single screw and multi screw extrusion. Compared with twin-screw extruders,single screw extruders reduce the shear frequency during plasticization, effectively reducing the viscosity decrease of PET resin. This helps to better maintain the original toughness of PET resin, thereby producing sheets with the following characteristics:

- ◆ Excellent toughness
- ◆ High gloss and transparency
- ◆ Less gel spots and black spots

The planetary exhaust multi screw part has the following characteristics:

- ◆ Efficient vacuum degassing to thoroughly remove moisture, reduce pre drying steps, and save energy
- ◆ Enhance plasticization and homogenization to ensure uniform melt quality

技术参数
Technical Parameter

行星多螺杆

机型 Model	参数 Parameter	适应物料 Adaptive material	螺杆形式 Screw form	螺杆规格(mm) Screw specifications(mm)	片材厚度(mm) Sheet thickness (mm)	片材宽度(mm) Sheet width(mm)	最高挤出量(kg/h) Maximum extrusion volume (kg/h)
SWT-120X		PET,PLA ,PP,PS,PC ,PMMA, PE,ABS	Single screw+ Multi-screw 单螺杆+多螺杆	Φ120	0.15-2.0	≤800	400-600
SWT-130X		PET, PLA ,PP ,PS, PC ,PMMA, PE ,ABS		Φ130	0.15-2.0	≤800	600-900
SWT-150X		PET,PLA,PP,PS,PC,PMMA,PE,ABS		Φ150	0.15-2.0	≤800	1000-1500

PET/PLA 双螺杆免干燥排气型片材挤出生产线

PET/PLA TWIN-SCREW NON DRYING AND EXHAUST TYPE SHEET EXTRUSION PRODUCTION LINE



特点描述

Feature Description

- ◆应用于PET、PLA片材的生产,无需预结晶干燥系统,并且适应用于二次料的生产,具备高产量,低能耗、优塑化的特点。
 - ◆螺杆为积木式结构,多元组合,设备使用维护方便的特点。机筒设置双真空排气,保证水气充分排出,对称式薄壁型辊筒提高了冷却效率同时提升了产能和片材品质。
 - ◆挤出机配备熔体计量泵定量稳压输出,并且设置压力与速度闭环自动控制整机采用PLC控制,实现参数设置、数据运算及反馈、报警等功能的自动化控制。
- ◆ Applied to the production of PET and PLA sheets, it does not require a pre-crystallization and pre drying system and is suitable for the production of secondary materials. It has the characteristics of high yield, low energy consumption, and excellent plasticization.
- ◆ The screw has a modular structure, multiple combinations, and is easy to use and maintain. The machine barrel is equipped with dual vacuum exhaust to ensure sufficient discharge of water and gas. The symmetrical thin-walled roller improves cooling efficiency while enhancing production capacity and sheet quality.
- ◆ The extruder is equipped with a melt metering pump for quantitative and stable output, and pressure and speed closed-loop automatic control is set. The whole machine adopts PLC control to achieve automatic control of parameter setting, data calculation, feedback, alarm and other functions.

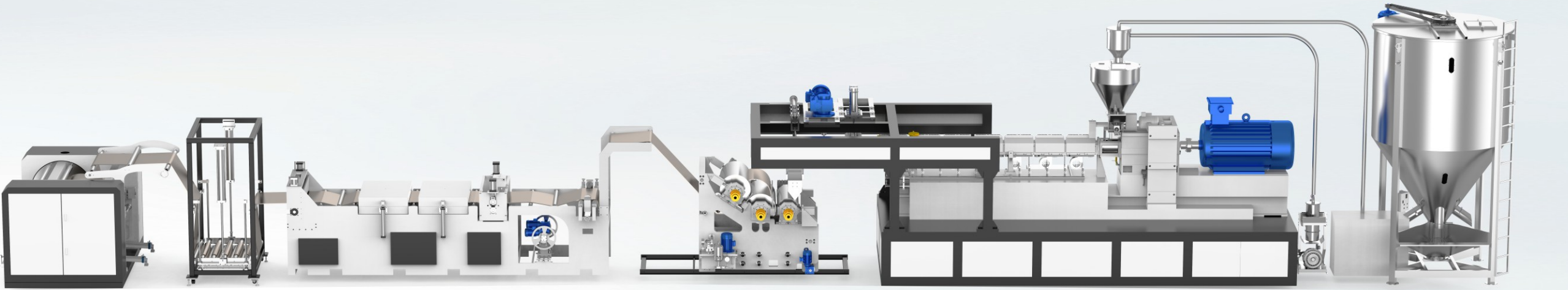
PET PLA 双螺杆

PET PLA twin-screw

机型 Model	参数 Parameter	适应物料 Adaptive material	螺杆形式 Screw form	螺杆规格(mm) Screw specifications(mm)	片材厚度(mm) Sheet thickness (mm)	片材宽度(mm) Sheet width(mm)	最高挤出力(kg/h) Maximum extrusion volume (kg/h)
SWT-75S		PET、PLA	blocking structure 积木式	Φ75	0.15-2.0	≤800	400-600
SWT-75S+65 共挤 Co-extrusion		PET、PLA		Φ75+65	0.15-2.0	≤800	400-700
SWT-85S		PET、PLA		Φ85	0.15-2.0	≤800	600-900
SWT-85S+65共挤 Co-extrusion		PET、PLA		Φ85+65	0.15-2.0	≤800	600-1000
SWT-95S		PET、PLA		Φ95	0.15-2.0	≤800	1000-1300
SWT-95S+65共挤 Co-extrusion		PET、PLA		Φ95+65	0.15-2.0	≤800	1000-1400

PETG/GAG 家具装饰膜、肤感膜、高光膜、实色膜挤出生产线

PETG/GAG FURNITURE DECORATIVE FILM, SKIN TEXTURE FILM, HIGH GLOSS FILM, SOLID COLOR FILM EXTRUSION PRODUCTION LINE



PET 家具装饰膜挤出生产线

PET Furniture Decorative Film Extrusion Line

主要用来装饰板材、金属、玻璃、铝型材等建筑材料的表面，广泛运用于家具、家电、橱柜、衣柜、门、吊顶、室内外墙体装饰、电梯箱体等行业，成为家具、星级酒店、甲级写字楼、豪华游艇以及其他购物、娱乐场所等装饰的流行新宠。

Mainly used to decorate the surface of building materials such as panels, metals, glass, and aluminum profiles, it is widely used in industries such as furniture, home appliances, cabinets, wardrobes, doors, ceilings, indoor and outdoor wall decorations, elevator enclosures, etc. It has become a popular new favorite for decoration in furniture, star rated hotels, Grade A office buildings, luxury yachts, and other shopping and entertainment venues.

特点描述

Feature Description

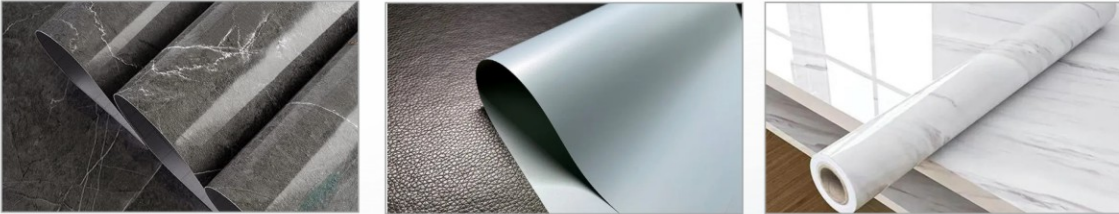
- ◆可选择生产单层PETG装饰片材，也可以选择共挤机生产GAG装饰片材，以节省成本。
- ◆采用新型单螺杆+多螺杆排气结构，优化螺杆塑化及排气组合，使片材的韧性更好，更透明、光泽度高。
- ◆主机采用矢量闭环控制系统，具有生产能力高、节能高效的优点
- ◆辊筒采用合金钢薄壁辊，特殊内部螺旋流道，满足高产能对辊筒冷却速度要求
- ◆ You can choose to produce single-layer PETG decorative sheets or use co extrusion machines to produce GAG decorative sheets to save costs.
- ◆ Adopting a new type of single screw + multi screw exhaust structure, optimizing the combination of screw plasticization and exhaust, making the sheet more resilient, transparent, and glossy.
- ◆ The host adopts a vector closed-loop control system, which has the advantages of high production capacity, energy saving and high efficiency
- ◆ The roller adopts alloy steel thin-walled roller and special internal spiral flow channel to meet the cooling speed requirements of high production capacity for the roller

技术参数

Technical Parameter

行星多螺杆

机型 Model	参数 Parameter	适应物料 Adaptive material	螺杆形式 Screw form	螺杆规格(mm) Screw specifications(mm)	片材厚度(mm) Sheet thickness (mm)	片材宽度(mm) Sheet width(mm)	挤出量(kg/h) Extrusion volume(kg/h)
SWT-120X		PET,PLA ,PP,PS,PC ,PMMA, PE,ABS	Single screw+ Multi-screw 单螺杆+多螺杆	Φ120	0.15-2.0	≤800	400-600
SWT-130X		PET, PLA ,PP ,PS, PC ,PMMA, PE ,ABS		Φ130	0.15-2.0	≤800	600-900
SWT-150X		PET,PLA,PP,PS,PC,PMMA,PE,ABS		Φ150	0.15-2.0	≤800	1000-1500



PP/PS 环保片材挤出生产线

PP/PS ENVIRONMENTALLY FRIENDLY SHEET EXTRUSION PRODUCTION LINE



特点描述

Feature Description

- ◆保持良好物料的混炼效果及塑化质量，能最大限度的提高制品质量，减少制品加工缺陷;
 - ◆模块化设计，结构紧凑，易操作，维护简单;
 - ◆可实现在线粉碎边料，自动化换卷，收卷，提高产品质量，降低成本;
 - ◆利用先进PLA软件系统，参数设置，数据运算，报警等自动化功能，对操作者的安全及劳动强度有很大的改善。
- ◆Maintaining good mixing effect and plasticizing quality of materials can maximize product quality and reduce processing defects;
 - ◆Modular design, compact structure, easy operation, and simple maintenance;
 - ◆It can achieve online crushing of edge materials, automated roll changing and winding, improve product quality, and reduce costs;
 - ◆By utilizing the advanced PLA software system, automated functions such as parameter settings, data calculations, and alarms significantly improve operator safety and reduce labor intensity.

适用范围

Scope Of Application

依据不同的产品要求,PP/PS片材挤出生产线可做单层、双层以及多层共挤的片材制品,广泛应用于食品包装领域以及文具领域等,PP透明片材、磨砂片材、双色片材等可用于文具片材。

According to different product requirements, PP/PS sheet extrusion production lines can produce single-layer, double-layer, and multi-layer co extruded sheet products, which are widely used in the fields of food packaging and stationery. PP transparent sheets, frosted sheets, two-color sheets, etc. can be used for stationery sheets.

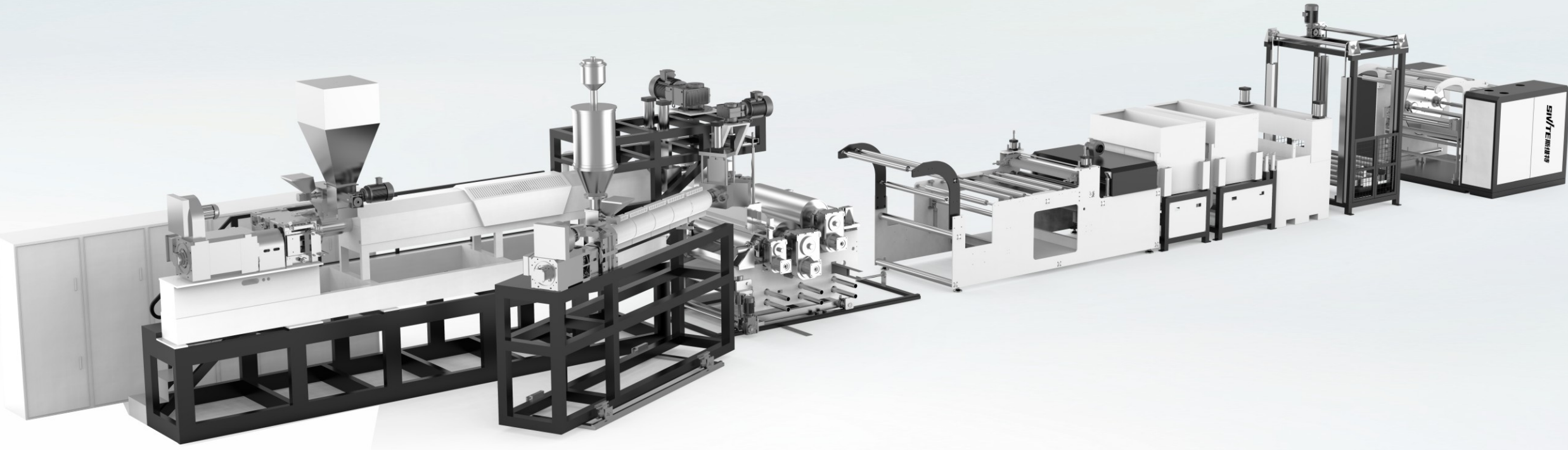
技术参数

Technical Parameter

机型 Model	参数 Parameter	适应物料 Adaptive material	螺杆规格(mm) Screw specifications(mm)	片材厚度(mm) Sheet thickness (mm)	片材宽度(mm) Sheet width(mm)	最高挤出量(kg/h) Maximum extrusion volume (kg/h)
	SWT-120D	PP、PS、PE	Φ120	0.2-2.0	≤800	PP:450 PS:550
	SWT-130D	PP、PS、PE	Φ130	0.2-2.0	≤800	PP:600 PS:700

PP PS PE EVA EVOH 多层共挤片材生产线

PP PS PE EVA EVOH MULTI-LAYER CO EXTRUDED SHEET PRODUCTION LINE



特点描述

Feature Description

该多层共挤片材生产线配有多台挤出机和计量泵,使挤出量稳定、精准。PP PS PE 片材是具有极佳的阻气性、阻湿性,是气体阻隔性能最佳的一种塑料包装材料。主要应用于果冻包装,高档肉食品、快餐米饭等食品包装,药品、化妆品等包装。

The multi-layer co-extruded sheet production line is equipped with multiple extruders and metering pumps, ensuring stable and precise extrusion. The PP, PS, and PE co-extruded sheets have excellent gas barrier and moisture barrier properties, making them one of the best plastic packaging materials for gas barrier. They are primarily used for packaging jelly, high-end meat products, fast food rice, pharmaceuticals, cosmetics, and more.

技术参数

Technical Parameter

型号	Model	SWT100/45/45-1000	SWT120/45/30/65-1200	SWT150/45/45-1500
适用原料	Suitable material	PP、PE、PET、PS	PP、PE、PET、PS	PP、PE、PET、PS
片材宽度	Width	800mm	1000mm	1200mm
片材厚度	Thickness	0.2-2mm	0.2-2mm	0.2-2mm
片材厚度	Thickness	300kg/h	400kg/h	650kg/h
设计线速度	Designed line speed	15m/min	20m/min	20m/min
辊筒直径	Calendar diameter	Φ400mm	Φ500mm	Φ600mm

*产品规格若有变更 恕不另行通知

*Product specifications are subject to change without prior notice.

全自动正负压吸塑一体机（三/四工位）

FULLY AUTOMATIC POSITIVE AND NEGATIVE PRESSURE THERMOFORMING MACHINE (THREE/FOUR STATIONS)



特点描述

Feature Description

全自动多工位正负压吸塑成型机采用塑料片材真空成型挤术、是集机、电、气一体化设计，采用微电脑及工控可编辑器PLC控制，整个系统HMI（人机界面）。凹凸模皆可成型。三工位:成型，冲切，堆叠，四工位：成型，冲切，打孔、堆叠。成型设备一次性输送完成的塑料片材，减少人工，操作便捷，提高生产效率，车间整洁、自动化程度高，专用于热成型和产品自动冲切的流水式生产线。

The fully automatic multi station positive and negative pressure vacuum forming machine adopts plastic sheet vacuum forming technology, and is designed with integrated machine, electricity, and gas. It is controlled by a microcomputer and an industrial control editor PLC, and the entire system HMI (human-machine interface). Both concave and convex molds can be molded. Three stations: forming, cutting, stacking, four stations: forming, punching hole, cutting, stacking. The molding equipment can transport plastic sheets in one go, reducing manual labor, making operation convenient and improving production efficiency. The workshop is clean and highly automated, specifically designed for thermoforming and automatic product cutting in a streamlined production line.

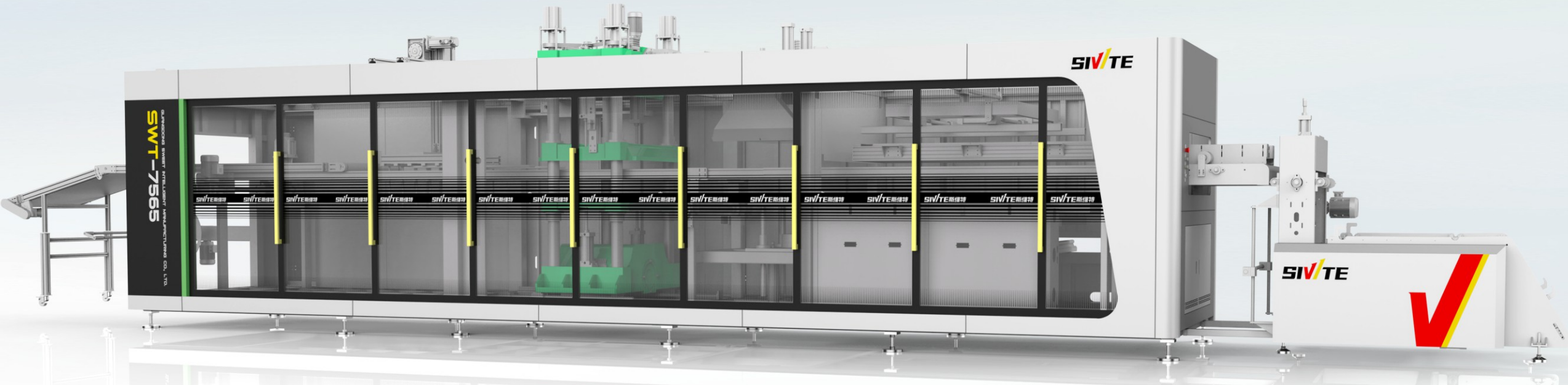
技术参数

Technical Parameter

型号	Model	SWT-6245	SWT-7565	SWT-7585
最大成型面积	Mould size(max.)	620*450(mm)	750*650mm	750*850mm
成型方式	Forming method	Positive And Negative Pressure Forming 正负压成型		
最大成型深度	Forming depth(max.)	140mm	120mm	140mm
片材厚度	Sheet thickness	0.16-2.0mm		
最大成型速度	Forming speed (max.)	40 cycle/min 40循环 /分钟		
气压	Air pressure	0.6-0.8mpa		
片材宽度	Sheet width	380-630mm	380-760mm	410-790mm
适用材料	Adaptive material	PP, PS, HIPS, PET, PVC, PLA		
电源	Power supply	AC 380V, 50Hz, Three-phase,Four-wireAC 380V, 50Hz, 三相, 四线		
发热功率	Heating power	91KW	90KW	117KW
额定功率	Rated power	118KW	120KW	153KW
工序	Procedure	Forming-punching -cutting-stacking成型-冲孔-切割-堆叠		
机器尺寸	Dimension	L8.0*W2.0*H2.5m 长:8.0x宽:2.0x高:2.5米	L9.5*W2.15*H2.8m 长:9.5x 宽:2.15x高:2.8米	L10.5*W2.15*H2.88m 长:10.5x宽:2.15x高:2.88米
重量	Weight	Around 10Tons大约10吨	Around 11Tons 大约11吨	Around 14Tons大约14吨

全自动负压吸塑一体机（三/四工位）

FULLY AUTOMATIC NEGATIVE PRESSURE VACUUM FORMING MACHINE (THREE/FOUR STATIONS)



特点描述

Feature Description

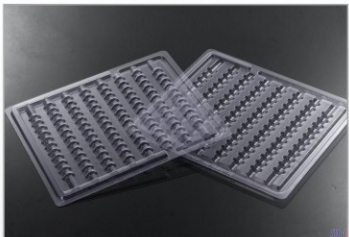
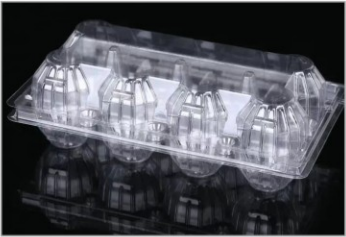
- ◆全伺服驱动，无噪音，无振动，热成型好，速度快。
- ◆炉膛自动出料装置可在生产过程中随时放下，不破板，不浪费物料。
- ◆电炉温度控制系统采用智能自动补偿控制，一次控制调节器，易于调节温度均匀，使用方便，操作方便，升温快，可在烤箱内上下三次烘烤低温切片。
- ◆成型分切模伺服驱动，上下横行程双向可调，上模闭合方向电动可调。在封闭模式下，上下模具的高度和位置可以方便快速地调整;下模合模方向易于接近和缓冲，提高合模速度，避免振动。
- ◆PLC自动裁切，自动计数，自动输送。无需费力，只需1-2名工人即可打包
- ◆Full servo drive, no noise, no vibration, good thermoforming, fast speed.
- ◆The automatic discharge device of the furnace can be put down at any time during the production process without breaking the plate or wasting materials.
- ◆The temperature control system of the electric furnace adopts intelligent automatic compensation control, with a one-time control regulator, which is easy to adjust the temperature uniformly, convenient to use, easy to operate, fast heating, and can bake low-temperature slices up and down three times in the oven.
- ◆The forming and cutting die is servo driven, with adjustable upper and lower die travel in both directions, and electrically adjustable upper die closing direction. In closed mode, the height and position of the upper and lower molds can be easily and quickly adjusted; The direction of the lower mold clamping is easy to approach and buffer, improving the clamping speed and avoiding vibration.
- ◆PLC automatic cutting, automatic counting, and automatic conveying. No effort required, only 1-2 workers are needed to pack

技术参数

Technical Parameter

型号	Model	SWT-7695	适用材料 Adaptive material	PPPS, HIPS, PET, PVC, PLA
成型方式	Forming method	Negative Pressrue Forming负压成型	电源 Power supply	AC 380V/50hz,Three-phase,Four-wire
模具规格	Mould size	760*950mm		380V/50hz 3相, 4线
成型高度	Forming Height	Forming Height≤120mm; Can Be Up To 150mm, 成型高度≤120mm、可定制150mm	发热功率 Heating power	90KW
适用材料厚度	Sheet thickness	0.16-2.0mm	额定功率 Rated power	120KW
成型速度(最大)	Forming speed (max.)	20 cycle/min 20循环/分钟	工序 Procedure	Forming-punching-cutting-stacking成型-冲孔-切割-堆叠
气压	Air pressure	0.6-0.8mpa	机器尺寸 Dimension	L10.5*W2.15*H2.8m 长:10.5x宽:2.15x高:2.8米
片材宽度	Sheet width	430-790mm	重量 Weight	Around 11Tons 约11吨





适用范围
Scope Of Application

适用于厚度为0.15-2.5mm的PS HIPS,PVC, PET,PP、PE、PS、KPS、GPET、ABS等热塑性材料成型，加工高透明，高拉伸、圆形、方形、不规则、上下双向拉伸，翻边产品。
广泛用于玩具、五金、化妆品、电子产品(如电池、电子元器件等)、食品(如水果托盘、零食盒、饼干盒、食品托盘、托盘等)、药品等的封口包装。
Suitable for molding thermoplastic materials such as PS HIPS, PVC, PET, PP, PE, PS, KPS, GPET, ABS, etc. with a thickness of 0.15-2.5mm, processing high transparency, high tensile, circular, square, irregular, double-sided tensile, and flanging products.
Widely used for sealing packaging of toys, hardware, cosmetics, electronic products (such as batteries, electronic components, etc.), food (such as fruit trays, snack boxes, biscuit boxes, food trays, trays, etc.), drugs, etc.

技术参数
Technical Parameter

型号	Model	SWT-1220F
成型方式	Forming method	Negative pressure forming
模具规格	Mould size	760*1220mm
成型深度	Forming depth	180mm
适用材料厚度	Sheet thickness	0.16-2.5mm
成型速度	Forming speed	6-15cycle/min 6-15循环 /分钟
气压	Air pressure	0.6-0.8mpa
片材宽度	Sheet width	490-750mm
适用材料	Adaptive material	PP, PS, HIPS, PET, PVC, PLA
电源	Power supply	AC 380V,50Hz, Three-phase, Four-wireAC 380V , 50Hz, 三相, 四线
发热功率	Heating power	39KW
额定功率	Rated power	55KW
工序	Procedure	Forming成型
机器尺寸	Dimension	L10.5*W2.15*H2.8m 长:10.5x宽:2.15x高:2.8米
重量	Weight	4.8吨 4.8Tons

特点描述
Feature Description

- ◆采用伺服驱动，全电脑PLC控制，具有存储记忆和校正功能(精度±1mm)，并具有出膜功能，避免浪费膜。送料采用自动设计;为配合不同材质的成型，真空位移采用双阀体与阀门互补设计，保证拉伸性和高难度产品的快速成型
- ◆为保证不同规则产品的成型稳定性，脱模设有上模、上模重复或多频率模式可供选择;)
- ◆电炉采用闭式水平往复设计，温控采用恒压独立控制。加热稳定，补料均匀，可有效解决PET材料发白、变形等不良浪费现象，节电40%以上
- ◆增加冷却装置和快速冷水喷雾，并设置辅助脱模喷雾功能，加快生产速度，效率为比传统机器快40%以上
- ◆ Adopting servo drive, fully controlled by computer PLC, with storage memory and calibration function (accuracy ± 1mm), and film output function to avoid wasting film. The feeding adopts automatic design; To match the molding of different materials, the vacuum displacement adopts a dual valve body and valve complementary design, ensuring stretchability and rapid prototyping of difficult products
- ◆ To ensure the molding stability of products with different rules, there are options for demolding, including upper mold, upper mold repetition, or multiple frequency modes
- ◆ The electric furnace adopts a closed horizontal reciprocating design, and the temperature control adopts constant voltage independent control. Stable heating and uniform feeding can effectively solve the problem of PET material whitening, deformation and other adverse waste phenomena, saving more than 40% of electricity
- ◆ Add cooling device and fast cold water spray, and set auxiliary demoulding spray function to speed up production, with efficiency more than 40% faster than traditional machines

自动全伺服塑料制杯机

AUTOMATIC FULL SERVO PLASTIC CUP MAKING MACHINE



适用范围

Scope Of Application

整机采用全伺服驱动系统控制，节能，定位更加准确，成型稳定，适应广泛。如PS、PP、PVC、PET、ABS及其他塑料片材均可加工制作，主要用于生产、制作一次性餐饮具、冷饮杯、酸奶杯、果冻杯、冰淇淋杯、快餐盒、塑料碗、奶茶盖等。同时还可以加工医药、轻工、纺织、旅游、玩具等有关塑料包装制品。

The whole machine adopts a fully servo drive system control, which is energy-saving, more accurate in positioning, stable in molding, and adaptable to a wide range. PS, PP, PVC, PET, ABS and other plastic sheets can be processed and produced, mainly used for the production and manufacturing of disposable tableware, cold drink cups, yogurt cups, jelly cups, ice cream cups, fast food boxes, plastic bowls, milk tea covers, etc. At the same time, it can also process plastic packaging products related to pharmaceuticals, light industry, textiles, tourism, toys, etc.

技术参数

Technical Parameter

型号	Model	SWT-750D	SWT-850B
成型方式	Forming method	Positive forming method 正压成型	Positive forming method 正压成型
最大模具规格	Max. forming area	750*500mm	850*550mm
最大成型深度	Max. forming depth	≤220mm	≤220mm (standard≤180mm)
适用片材厚度	Sheet thickness	0.2~3.0mm	0.2~3.0mm
最大成型速度	Max.forming speed	28 cycle/min 28循环 /分钟	28 cycle/min 28循环 /分钟
气压	Air pressure	0.6~0.8Mpa	0.6-0.8mpa
片材宽度范围	Sheet width	550~790mm	650-890mm
适用材料	Suitable material	PP, PS, HIPS, PET, PVC, PLA	PP, PS, HIPS, PET, PVC, PLA
电源	Power supply	AC 380V, 50Hz, Three-phase, Four-wire AC 380V, 50Hz,三相, 四线	AC 380V, 50Hz, Three-phase, Four-wire AC 380V, 50Hz,三相, 四线
加热功率	Heating power	135kw	147KW
主电机功率	Main motor power	165kw	182Kw
重量	Weight	8.5 Tons 8.5吨	9 Tons 9吨
尺寸	Dimension	L4.3*W2.3*H2.5m 长:4.3x宽:2.3x高:2.5米	L5.2*W2.3*H2.5m 长:5.2x宽:2.3x高:2.5米

特点描述

Feature Description

- ◆全伺服驱动，无噪音，无振动，热成型好，速度快。
- ◆整机结构紧凑，占地面积小。
- ◆整机集送片、加热、拉伸、成型、切边一次性完成。
- ◆炉膛自动卸料装置，生产过程中可随时调低，不破板到达，不浪费材料。
- ◆电炉温度控制系统采用一对一智能温控系统，温度均匀度调节方便，节能，升温快，烤箱上下3次低温烤片。
- ◆成型、分切伺服驱动，上下行程双向可调，其中上模合模方向电动可调。合模状态下，上下模高度位置可方便快捷地调整；下模合模方向易接近缓冲，提高合模速度，避免震动。
- ◆PLC自动切割、自动计数、自动传输。
- ◆节约人工成本，只需1-2名工人打包。

- ◆Full servo drive, no noise, no vibration, good thermoforming, fast speed.
- ◆The whole machine has a compact structure and occupies a small area.
- ◆The whole machine can complete the process of sheet feeding, heating, stretching, forming, and edge cutting in one time.
- ◆The furnace automatic unloading device can be lowered at any time during the production process without breaking the plate or wasting materials.
- ◆The temperature control system of the electric furnace adopts a one-to-one intelligent temperature control system, which is easy to adjust the temperature uniformity, energy-saving, and heats up quickly. The oven can bake slices at low temperature for 3 times.
- ◆Forming and slitting die servo drive, with adjustable upper and lower die stroke in both directions, and electrically adjustable upper die closing direction. In the closed state, the height position of the upper and lower molds can be easily and quickly adjusted; The direction of the lower mold closing is easy to approach the buffer, which increases the closing speed and avoids vibration.
- ◆PLC automatic cutting, automatic counting, and automatic transmission.
- ◆Save labor costs, only 1-2 workers are needed to pack.

制杯机机械手

Cup Making Machine Manipulator

- ◆ZE制杯机机械手是一个集取杯、堆叠、点数于一体的轻量化机械手系统，具有动作灵敏、结构设计简单、适应性强、精度高、一定的承载能力等特点。本机机械手部采用了吸取型设计，抓取稳、准、快。抓取后输送带自动化输送。
- ◆ZE cup making machine manipulator is a set of points, take the cup, stacked in one of the lightweight manipulator system, has the characteristics of flexible action,simple structure,strong adaptability, high precision and certain carrying capacity etc.The manipulator of the machine with the suction type design, grasping stability, accurate,fast. Automatic conveyor belt conveyor.

自动理杯机

Automatic Cup Stacking Machine

- ◆自动理杯机是制杯机的辅助设备，放置于成型机后，通过道与道之间空隙互卡，杯口正好卡在道上，杯子自动叠成一行，完成叠杯理杯的工作，有效减少人力，提高工作效率。
- ◆The automatic cup stacking machine is the system cup machine supporting facility,lays aside after the shaper, passes the corridor with the between crevice mutually card, the cup mouth just right card on the road,the cup folds a row automatically,completes folds the cup principle cup the work, reduces the manpower efectively.enhances the working efficiency.



塑杯全自动点数包装机

Automatic Plastic Cup Counting & Packaging Machine

- ◆本机采用PLC程序化自动循环动作控制、具有堆垛、点数、进料膜封切、分料等功能。
- ◆主机结构紧凑、性能稳定、操作简单、伺服系统控制。袋长即设刀、即切，无需调节空走，一步到位省时省膜。定位停机功能、不粘不费膜，温度独立控制，更好适合各种材质包膜。
- ◆The machine adopts PLC program automatic cycle control, with stacking, counting, feeding film with sealing and cutting, material distributing functions.
- ◆The host has the advantages of compact structure, stable performance,simple operation,servo system control. Bag length can be set and put in one step.Positioning shut down function, non-stick and save film, temperature independent control, more suitable for various materials of packaging films.

塑杯卷边机

Plastic Cup Curling Machine

- ◆JR塑杯卷边机采用光电控制全自动进杯和自动计量收杯装置，将塑料杯的杯口卷边，使塑料杯增加了杯口边缘的强度，具有美观、实用。
- ◆JR Plastic Cup Curling Machine with automatic feeding cups and measuring cup collecting device by photoelectric control, curling plastic cup rim to increase cup rim strength to be more beautiful and useful.



塑杯单排全自动点数包装机
Automatic Single Row Plastic Cup Counting & Packaging Machine



塑杯双排、三排全自动点数包装机
Automatic Doule Row Three Row Plastic Cup Counting & Packaging Machine



塑杯卷边机
Plastic Cup Curling Machine

粉碎机系列
CRUSHER SERIES



热成型机 & 制杯机在线破碎机系列
Online Crusher Series for Thermoforming Machine
& Cup Making Machines



在线粉碎机系统
Online Crusher System



静音粉碎机系列
Silent Crusher Series



静音粉碎回收生产线系列
Muted Crusher Recycling Line Series



预热系统
Preheating System

辅助设备
AUXILIARY EQUIPMENT



塑料搅拌机
Plastic Mixer



除湿结晶机
Dehumidifying Drying &
Crystallizing Machine



冷水塔
Cooling Tower



空压机
Air Compressor



水冷式冷水机
Water-cooled Chiller



风冷式冷水机
Air-cooled Chiller

模具 MOULD

配套各类PP、PE、PET、PS、HIPS、EPS、PVC、PLA、BOPS降解材料的正压热成型模具以及三工位模具。
Supporting to different kinds of PP, PE, PET, PS, HIPS, EPS, PVC, PLA, BOPS and biodegradable material's thermoforming moulds and three station moulds.

