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AOXIANG PACKGING
MACHINERY

PLASTAR

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WENZHOU AOXIANG
PACKAGING MACHINERY CO.,LTD

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To produce
competitive blown film machine

生产具有市场竞争力的吹膜机

PLASTAR

Plastar

Founded in 2008, Wenzhou Ao'xiang Packaging Machinery Co., Ltd located in China packing machinery city-Rui'an, Zhejiang province. It is a professional plastic packing machinery enterprise with high science and technology. Our main products are multi-layer co-extrusion film blowing machine with internal bubble cooling device, stretch film machine and etc., which are sold all over the world, such as Europe, the Middle East, India, Pakistan, Turkey, Mexico, Yemen and so on. Multi-layer co-extrusion film blowing machine is the top export sales in China and has gotten good feedback from customers.

Plastar adopts ISO9001 international quality management system, and also gets the European Union CE product certification. With "integrity, quality, service, innovation", we keep improving and innovating our technology step by step. With the best service, the most reliable and the most competitive prices, we take up the most packing machinery market. Thus, our machines gradually become internationalization, globalization.

Our company produces the Internal bubble cooling(IBC) multi-layer haul-off rotary film blowing machine to replace the traditional die head. It solved the problem of die head material leakage. We also designed the cold and hot wind exchange system. During working, one side blows the cold wind, and the other side sucks the hot air, which make the film cool down quickly, accelerating the film forming; we designed the up-traction on the rotating structure, making the film more transparent and more evenly.

The speed of our machine is 4/3 faster than other traditional machines which can produce three meters width film. It's the widest and the fastest multi-layer co-extrusion rotary blowing film machine in china and it also solved the most difficult problem of up-traction. Our products have been declared domestic patents, and the technology has met the domestic leading level.

Integrated enterprise with independent design, manufacturing and marketing.

具有独立设计、制造和销售能力的综合性实体企业

温州奥翔包装机械有限公司成立于 2008 年, 位于中国包装机械城浙江瑞安, 是一家专业生产经营塑料包装机械的科技型企业, 主要产品有多层共挤内冷上牵引旋转吹膜机、缠绕膜机等。产品畅销全国各地, 并出口欧美、中东及印度、巴基斯坦、土耳其、墨西哥、也门等 20 多个国家和地区, 多层共挤内冷上牵引旋转吹膜机年出口销售量全国第一、深受客户好评。

公司全面实行 ISO9001 国际质量管理体系, 并获得欧盟 CE 标志产品认证。以“诚信、品质、服务、创新”为宗旨, 不断进取, 不断创新, 力求以最优质的服务、最可靠的质量以及最有竞争力的价格占领市场, 使产品逐步走向国际化, 全球化。

本公司生产的“带内冷上牵引旋转式多层共挤吹膜机”, 替代了传统的下膜头旋转。弥补了以前膜头漏料的问题。创新设计了冷热风交换系统, 在吹制时一边送进冷风, 一边吸出热风, 使吹制的薄膜快速冷却, 加快了成型速度; 设计了上牵引旋转结构, 使吹制的薄膜透明度更高, 厚薄更加均匀。设备生产速度比传统产品快三分之一以上, 能生产幅宽三米上牵引旋转吹膜机, 是目前国内门幅最宽、生产速度最快的多层共挤上牵引旋转吹膜机设备, 解决了国内难度最高上牵引旋转设备。填补了国内空白。产品已获得多项国内专利, 技术达到国际领先水平。



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HOW WORKS

Blown film machine

组成部分

- | | |
|----|---|
| 1 | Material feeding 加料装置 |
| 2 | Material metering 原料计量 |
| 3 | Extruder 挤出机 |
| 4 | Screen changer with connections 换网器带连接器 |
| 5 | X-Die head 模头 |
| 6 | Cooling ring 外部冷却装置 |
| 7 | Thickness control 膜厚控制 |
| 8 | Internal bubble cooling 内部冷却装置 |
| 9 | Bubble cage 稳泡架 |
| 10 | Thickness gauge sensor 壁厚测量 |
| 11 | Haul-off rotary system 上旋系统 |
| 12 | Center position control 中心纠偏系统 |
| 13 | Corona treatment 电晕处理 |
| 14 | Film take-off 下牵引 |
| 15 | Winder 收卷机 |
| 16 | Operator interface 过程控制展示 |

- | | | |
|---|-----|--------------------|
| A | 22% | 80% mLLDPE+20% mPE |
| B | 9% | 100% mLLDPE |
| C | 38% | 100% LDPE |
| D | 9% | 100% mLLDPE |
| E | 22% | 80% mLLDPE+20% mPE |



WE ARE YOUR LOYAL PARTNER FOR FILM PRODUCTION

我们是您忠诚的薄膜生产伙伴



SERVING YOUR MARKETS.

为您的市场服务

食品 / 物流 / 医疗 / 建筑
家居 / 农用 / 制药 / 运输 / 卫生 / 电子 / 自动化工程 / 化工

food/logistics/medical
construction/household
agriculture/pharmacy/
transportation/health/
electronics/automation
engineering/chemical
engineering

水果和蔬菜袋 / 货物袋 / 工业薄膜/复合膜/盖膜 / 农膜 / 动物饲料包装 / 包裹袋 / 糖果包装 / 猪肉和家禽包装 / 医疗膜/牛奶膜

fruit and vegetable bags/cargo bag/
industrial film/lamination film/
mulch film/animal feed packaging/
packaging bag/candy packaging/
pork and poultry packaging/
medical film/milk film

建筑用膜 / 冰冻产品膜 / 冷藏袋 / 尿布袋 / 报纸膜 / 烘焙产品包装 / 保护膜 / 垃圾袋 / 信封袋

construction film/frozen
product film/ refrigerated bag/
diaper bag/newspaper film/
baking product packaging/
protective film/trash bag/
envelope bag

搬运袋 / 重载包装袋 / 服装袋 / 收缩膜 / 谷物膜 / 密封包装 / 自立袋 / 热收缩膜 / 气垫包装 / 食物袋 / 压缩包装

carry bag/heavy duty bags/
garment bag/shrink film/grain film/
sealed bag/stand up pouch/
heat shrinkable film/air cushion
packaging/food package/
compression packing bag



Unparalleled film quality Perfect flatness

Plastar provides all the products needed in the blown film production line, from the feed system to the film rewinder, the single-layer die head to the 11-layer production line, the variable frequency controller to the process control system. The high quality film comes from Plastar superimposed taper series die head, it has the leading patented technology, the most compact die head structure and the shortest cleaning time efficiency of 3-11 layer die head in the market. All of these due to the each excellent component apply to the production line, which enables us to ensure a high standard production line that can meet the special cost and energy efficiency requirements of customers' products in combination with production requirements in the production of thin film.

无以伦比的薄膜质量 完美的平整度

奥翔提供吹膜生产线所需的所有产品,从进料系统到薄膜收卷机,从单层模头到 11 层生产线,从变频控制到工艺控制系统等。高品质薄膜的生产,来自于奥翔叠加系列模头,它拥有领先的专利技术,这体现于在最紧凑的模头结构中拥有市面上最短的模头清理时间。这一切得益于我们应用于生产线的出色质量部件,它保障我们的每一条生产线的高标准,在薄膜生产中可以结合生产需求,适应客户产品特殊的成本和能源效率要求。



UNIQUE LAYOUT OF BLOWN FILM LINE,CUSTOMIZED PRODUCTION MEETS YOUR NEED

独特布局的吹膜生产线，定制化生产满足您的需求

因为专业和一贯的付出

在吹膜市场，我们坚守着信念，一直在研发新的生产方法，投资先进的生产技术，并且与先进的实验室分工合作。同时将成果转化，应用于我们的生产线中以确保我们生产出的吹膜设备满足质量要求。

Plastar keeps the faith in blown film market and is always developing new production methods, investing superior production techniques and cooperating with advanced laboratories. Meanwhile convert the achievements into production line to ensure that the blown film machine produced by us meet the quality requirements.



How to be flexible? 我们如何为你灵活变通？



PERFECT FIT 完美的配合

Our products are customized for various customers.
我们的产品是为各种各样的客户需求量身定做的。



ADVANCED IDEAS 先进的思想

Our experienced R&D personnel use the latest technology to predict and solve problems.
我们富有经验的研发人员用最新的技术预测和解决问题。



WHATEVER YOUR NEEDS 量身定制

Our service team is ready to serve you and willing to listen you.
我们的团队竭诚为您服务，并愿意倾听您的意见。



FROM EXTRUSION TO PRODUCTION 从挤压到产品

Our state-of-the-art facility is capable of handling your biggest challenges.
我们最先进的设备可以处理您的最大的挑战。

Quality and efficiency reflected in details

质量和效率体现于微小的细节

工程组织、研发、生产和调试——我们向您提供完整的一站式打包服务。得益于奥翔吹膜生产线和系统，它使您从最初的试验到最终的生产一直都在安全可靠的范围。在您项目的每一个阶段，我们都将紧密的共同合作，以确保您的产品既满足您当前的需求，同时又足够满足您未来的需求。

Plastar-Provides one-stop service, including engineering organization, R&D, production or commissioning. Thanks to Plastar blown film production line and system, it will keep the whole process in safe condition, from the initial test to final product. Plastar will work together with you to make sure your product is and always will be meet your demands.

PLASTAR

MONO AND 3 LAYERS BLOWN FILM LINE

单层和三层生产线
卓越质量薄膜设备

奥翔单层薄膜生产线可以生产灵活和卓越质量的薄膜。我们一直系统地改进这一技术。使用我们的单挤出机和标准内置屏障式螺杆，不仅可以加工标准的PE材料，还可以加工如生物聚合物等的原料。

Plastar have been systematically improving single layer blown film line so that it can produce flexible and excellent film. With Plastar single extrusion and barrier screw, not only standard PE material could be processed, but also other raw material like biopolymer.

As standard solutions
can no longer meet the needs of customers,
we will offer tailor-made configuration
according to the demands.

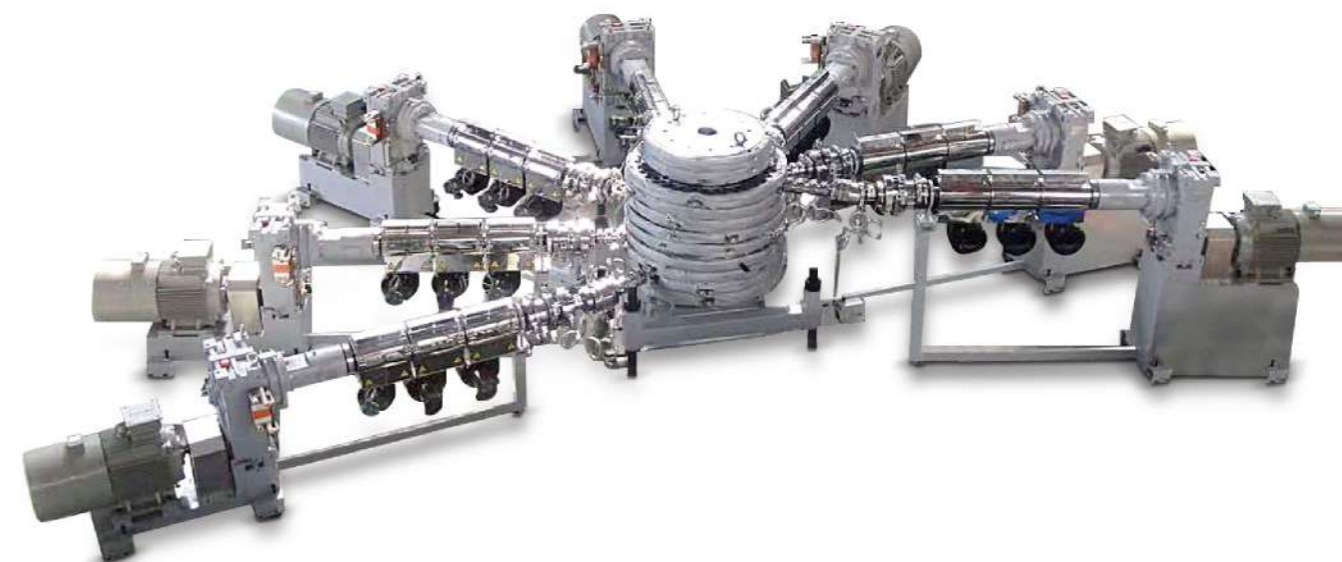
对我们来说，标准的解决方案已经无法满足客户的需求。
我们根据客户的要求定制个性化配置。

可靠、高效、定制化生产
3层吹膜生产线

我们已经交付了大量的3层薄膜生产线，所有设备均是量身定制，以满足我们客户的需求。持续优化的生产能源和原材料消耗技术，使得我们的三层共挤技术一如既往的可靠和高效。对于您未来的项目，奥翔能够保证展示高效表现。

Reliable, high efficiency, customized production
3 layers film blowing production line

A large number of 3-layer film production line have been offered to customers, all of them are customized to meet their needs. Due to continuous optimization of energy and raw material consumption, our 3-layer co-extrusion technology is always reliable and efficiency. With Plastar machinery, we assure you that your future project will have a good performance.



OUTSTANDING 5-9 LAYERS CO-EXTRUSION BLOWN FILM LINE

卓越的5-9层共挤薄膜生产线

Multi-layer flexible packaging films are in demand around the globe and require specialty barrier extrusion lines. These products prevent the permeation of oxygen, nitrogen, carbon dioxide and water vapor. They also protect the aromas and flavors of the finished product. Barrier films are produced on 5-, 7-, 9-or 11-layer lines – the more layers the more options for you to engineer and tailor your film products, while saving raw material costs.

软包装薄膜正被全球市场广泛所需,这也是对专业的阻隔膜挤出生产线的需求。阻隔膜能阻止气体的渗透,如氧气、氮气、二氧化碳和水蒸气等。与此同时,也能有效维持产品的香气和味道。5层、7层、9层或是11层都能生产阻隔膜,层数越多,您最终产品的选择性就更多,原材料的成本也更节省。除此之外,高层数增加了您抓住未来发展的机会和提升目前市场需求的机会。

5-layer blown film line, an investment for the future

There is a trend change about production line from 3 layers to 5 layers when the latter emerge. Plastar basic 5 layers production line use die head which includes outside layer and barrier layer. It has the function to optimize the range of thickness tolerance, which ensure the production line produce perfect PA/EVOH barrier film and PE film. Besides, it can also produce 3 layers film according to your requirements.

5层吹膜生产线一项对于未来的投资

在5层生产线第一次出现时,就显现出吹膜生产线从3层到5层转变的趋势。奥翔基本的5层吹膜生产线采用的模具包含“表皮层”和“阻隔层”的模头布局,这是一项对未来投资的技术。因为它具有优化产品的厚度偏差范围的功能,能确保吹膜生产线生产出完美的阻隔膜或者PE膜。5层生产线既可以生产PA或EVOH阻隔膜,又可以按照您的要求精密生产3层膜。是一个开辟理想应用的新方式。

7- AND 9-LAYER BLOWN FILM LINE

Plastar produced 7- and 9-layer blown film line for high barrier film, including barrier film use PA, EVOH, standard materials and special materials. It can enable you to stand in the growing market challenges.

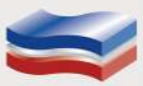
7层和9层吹膜生产线

应对有复杂需求的高阻隔膜,包括由PA、EVOH以及所有标准和特殊原料所吹制的高阻隔膜,奥翔生产配备了七层、九层吹膜生产线,使您能屹立于愈发激烈的市场挑战中。当然,这些生产线都适用于对称或非对称薄膜生产要求。




案例: 3层良好收缩膜

EXEMPLE COMPOSITE LAMINE TRIPLE COUCHE

3-LAYER							
	厚度:35µm	A	20 %	80%LLDPE+20%LDPE	-易于挤出, 高产量		
	层分:20%—60% -20%	B	60 %	80%LDPE+20%EPE	-出色的紧致性、抗撕裂性和抗穿刺性能		
C		20 %	80%LLDPE+20%LDPE	-很好的平衡了硬度和视觉性			
						-easy extrusion, high output	
						-good shrinkage and transparency	
						-excellent tension, tear resistance and penetration resistance	


案例: 5层膜

EXEMPLE COMPOSITE LAMINE TRIPLE COUCHE

5-LAYER							
	厚度:40 µm 复合膜	A	22%	80%LLDPE+20%LDPE	-出色的紧致性、抗撕裂性和抗穿刺性		
	层分: 22%-9%-38%-9%-22%	B	9%	100 % mLLDPE	-完美的视觉性		
C		38%	100 % LDPE	-良好的热封性和热粘性(用于高产量)			
						-good transparency	
						-high viscosity and heat-sealing performance	
						-excellent tension, tear resistance and penetration resistance	


案例: 7层牛奶膜(阻隔膜)

EXEMPLE COMPOSITE LAMINE TRIPLE COUCHE

7-LAYER							
	厚度:80 µm 复合膜	A	26%	100 % POP	-高阻隔性, 得益于EVOH复合层		
	层分: 26%-19%-6%-4%-6% -16%-24%	B	19%	88%LDPE+12%blackMB	-出色的抗紫外线性能		
C		6%	100 % Tie	-非常良好的热封性和热粘性, 得益于POP			
						-excellent UV resistance	
						-good viscosity and heat-sealing performance	
						-high barrier property due to EVOH compound layer	

案例: 9层复合膜(高阻隔膜)

EXEMPLE COMPOSITE LAMINE TRIPLE COUCHE

9-LAYER							
	厚度:30 µm 复合膜	A	13%	90%LLDPE+10%LDPE	-出色的紧致性、抗撕裂性和抗穿刺性, 得益于LLDPE		
	层分: 13%-25%-5%-5%-4%-5% -5%-25%-13%	B	25%	80%LLDPE+20%LDPE	-高阻隔性, 得益于EVOH PA-PE复合层		
C		5%	100 % Tie	-无敌的复合性能, 得益于mL LDPE 和低的熔点温度			
						-high barrier property	
						-good composite properties	
						-excellent tension, tear resistance and penetration resistance	



HIGH-PERFORMANCE EXTRUDERS

高性能挤出机



For more cost-effective film production

High performance extruder is a standard option for all Plastar blown film production line. With a full range of diameter—45, 50, 65, 70, 90, 105, 120, 135 and 160mm, Plastar extruder can be used in production line from mono layer to 11 layers. This modular design allows unique layout of production line, so can meet the demand of output. We use high performance barrier type and multi low shear mix type screw, which can well show the homogeneity and plasticizing quality. All designs pursue energy efficient and reliability to achieved the strictest technology requirement. Of course, it can provide maximum output while processing a wide range of raw materials.

更有成本效益的薄膜生产

高性能的挤出机是奥翔所有吹膜生产线的标准选择。奥翔挤出机备有全系列的直径型号：45、50、65、70、90、105、120、135 和 160mm，均可配置于从单层到 11 层的生产线中。这种模块设计允许独特的生产线布局，满足薄膜产量的要求。我们采用高性能屏障式和多级低剪切混合式螺杆，可以完美地展现螺杆的均质和塑化质量。所有的设计均围绕着能源高效和可靠性，以达到最严格的技术要求，确保提供最大的产出能量，适合最广泛的原材料加工范围。

Unique replacement filter

To satisfy different needs, Plastar provides a perfect screen changer system - mandrel filter screen and large area filter screen, hydraulic screen changer and fast manual type screen changer. For example, the hydraulic screen changer is especially ideal for machinery to machining HDPE and recycle materials. And the fast manual screen changer is mainly applied to co-extrusion system for changing the screen more quickly.

独特的换网器

针对您的应用，奥翔提供完美的换网系统——芯棒换网器、超大面积换网器、液压换网器和手动式快速换网器。例如超大面积换网器特别适用于加工高密度 PE 和回收料的机器。而手动式快速换网器和液压换网器则主要用于共挤系统，因为在这些地方更快速的换网时间往往是最重要的。

Precision measurement

Plastar dosing system is a perfect precision measurement system. With multiple weight system, it has all the advantages that advanced measuring system have. Additives and mixed materials can be load to up to 9 components, all processes are measured accurately. The system does not run according to material density but to the mass conservation principle of "weightlessness". Its special feature is the short switching time in the production process.

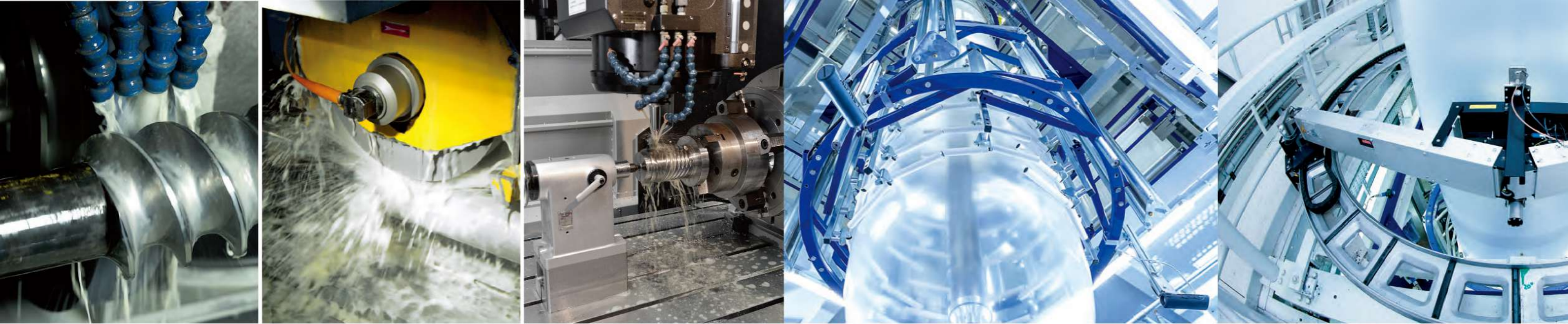
精密的计量

我们的米重系统是完美的精密计量系统。多个称重传感器称重系统的配置，确保它拥有高级测量系统的所有优点。添加剂和搅拌过的原料添加最多可达 9 组分，全部过程经过精密计量。系统不依据原料的密度运行，而按照“失重”的质量守恒原则。它的特别之处在于生产过程中极短的切换时间和应对环境（电压变化，螺杆磨损，过滤器的持续性堵塞等）变化始终如一的薄膜规格的能力。

More advantages

更多优点

- Direct drive with multiple speed changes
- Maintain constant torque in a wide speed range
- Minimum wear and maintenance
- Low noise and low vibration
- Compact u-type layout (standard design) or z-type layout (special options)
- Easy access and assembly
- Water - cooled motor as an option
- 带多级变速的直接驱动
- 在一个宽广速度范围内保持恒定扭矩
- 最小的磨损和最少的维护
- 低噪音和低震动
- 紧密的 U 型布局(标准设计)或 Z 型布局(特别选项)
- 易于进出和组装
- 水冷马达作为选选项



THE DIE

模头系列



The spiral distributor provides a high melt homogeneity
螺旋体提供了一个高度均质的熔体

Patented technology, unique runner design

专利的技术，独特的流道设计

Plastar patented multi-layer die technology is the key to make you film excellent. The research and development of our pyramid superposition adopts 3D fluid simulation design system. To have stable melt flowability and plasticizing homogeneity, melt feeding points in the spirochete are optimized. It eliminates the streaks of film during co-extrusion process, which makes film have superior visual effect and impressive thickness tolerance - even for individual layers. With our die head, even under high extrusion rate, the film is still flat, and cleaning time could be the shortest when the raw materials are changed. All of these are the essential elements for a high quality film.

我们专利的多层模具技术，是您薄膜质量与众不同的关键。奥翔锥体叠加模头的研发，采用了具有艺术品般的计算机3D流体模拟仿真设计。螺旋体中优化布局的熔体进料点，使熔体具有极高的流动性和热塑均匀性，消除了薄膜共挤过程中条纹产生的现象。最终即使是单独的每层薄膜，也拥有出众的视觉效果和令人惊叹的厚薄公差。配备了我们模具的吹膜机，即使是在高挤出率的情况下，薄膜也能平整，并且在更换原料时依然可以用最短的清料时间。这些性能都是卓越模具的优秀元素。

High efficiency cooling systems are used for maximum yield

The cooling system is improving to accommodate your production line. Each cooling system has a bubble internal and external cooling. The reliability tested cooling system provides efficiency membrane cooling performance, which offers high-yield production.

应用于高产量的高效冷却系统

我们不断改进冷却系统以适应您的生产线布局。每一个冷却系统都有一个膜泡内部和外部冷却。经过可靠性测试的冷却系统，为每一台生产设备都提供了高效的冷却性能，极大提高了最终产量。

More advantages

更多优点

- Reduced raw material loss during material changeovers
- High output benefit from low pressure of die head
- Easy access for cleaning
- All contacting surfaces are coated and hand polished
- Self-cleaning design ensures maximum uptime due to reduced die clean intervals
- Large area intermediate path allowing IBC internal bubble cooling
- Unique raw material heat treatment technology, quality at the same in the long-term cooling or heating
- 在换料过程中，极短的流道降低了原料损失。
- 高的产量，得益于模具中的低压力水平。
- 易于进出，得益于紧凑的设计和洁净空。
- 所有跟树脂接触的表面都涂覆处理。
- 自清洁功能确保了生产线的高适用性，得益于极少的堆积。
- 大面积的中间通道，允许 IBC 内部膜泡冷却。
- 独有的原料热处理技术，在长期的冷却加热中品质如一。

5-LAYER



SJ-5L1500

Five-layer co-extrusion blown film machine

五层共挤吹膜机



Characteristic

Five-layer co-extrusion adopts easy batch and ISMD high torque servo direct drive motor. The Easy batch mixer can mix various raw materials according to the need of the weight proportioning during the extrusion process, and also control the extruder screw speed and traction roller speed to control extrusion amount and per meter weight. The easy batch system can be controlled by remote terminal automatic operation, the display can show all the program data, at the same time the operator can control the entire equipment or each independent part on the special area of touch screen on the main controller panel. ISMD series high torque servo direct drive motor adopt direct drive motor without gearbox system.

Compared with the traditional asynchronous motor or a DC motor with gearbox system, the advantage is save cost by replacing the speed reducer; reducing noise; the whole speed range, wide load range to maintain high efficiency; high power factor; improving the dynamic response; compacted structure to reduce the volume of the equipment and save covering space; improve the control precision and product quality; to improve the MTBF (mean normal running time) index; greatly reducing maintenance workload; it is convenient for screw disassemble.

特点

我司生产的五层共挤吹膜机采用增重失重一体式混合机和 ISMD 系列高扭矩直驱伺服电机。增重失重一体式混合机能够把挤出制程上多种组分的原料按需要的重量进行配比计量混合，并控制挤出螺杆转速和牵引辊速度来达到恒定挤出总量和米重，增重失重进料系统还能通过远程终端自动操作。显示屏能显示所有的程序数据，同时触摸屏主板上的专门区域使操作员能控制整个设备或每个独立部分。

ISMD 系统高扭矩直驱电机无齿轮传动系统，相较于传统异步电机或直流电机带减速箱系统，它的优势在于：取代减速机构，节约设备成本；降低噪音；全速度范围、宽负载范围内保持高效率；功率因数高；提高动态响应；结构紧凑，减小设备体积以及占地面积；提高控制精度，提升制品品质；提升 MTBF (平均无故障时间) 指标；大大减少日常维护工作量；螺杆拆装方便。

五层吹膜机主要技术参数

MAIN TECHNICAL PARAMETERS

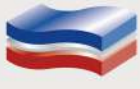
	Film width Max.output Film thickness Auto loader	产品宽度 最大挤出量 产品厚度 自动吸料机 (容积式配合装置)	—1500mm —350kg/h —0.03-0.2mm —330 X 5sets	
EXTRUDER 挤出机	Screw diameter L/D Screw material Cylinder material Cylinder heating zone Main motor	螺杆直径 螺杆长径比 螺杆材料 料筒材料 机筒加热区数 直驱电机	— ϕ 55mm X 4 ϕ 60mm —30:1 —38 CRMOALA —38 CRMOALA —4 —22kw X 4 30kw	
DIE HEAD 模头	Die size Heater materials The material of nose	模头直径 加热器材料 机头材料	—Three layer with inner-cooled device —Double layer stainless steel heater —Flow chaneel with hard chrome plated	ϕ 400mm五层带内冷装置 不锈钢双层加热 40Cr膜头内流道镀铬
TAKE UP UNIT 牵引装置	Steel-frame structure Roller length Effective width of film Roller material Traction motor UP Traction rotary motor Air blower Down traction motor Material of gusseting boards Max inclined angle (adjustable) Edge Correction system	钢架结构 牵引辊长度 有效引取膜宽 牵引辊材料 牵引电机 上牵引旋转电机 鼓风机 下牵引电机 人字板装置材料 最大夹角(可调) 纠边	—Safety guard —1700mm —1500mm —Nitrile butadiene rubber roller —Three-phase asynchronous motor —Three-phase asynchronous motor —1.1kw X 2sets —2.2kw —The aluminum frames —22° —Automatic edge machine with gas pressure type	设有安全操作平台及安全护栏 丁腈橡胶辊 2.2kw 三相异步电机变频器 2.2kw 三相异步电机变频器 铝制结构框架 采用汽油压式自动对边机 (型号model: 905-e-a)
EXTRUDER 收卷装置	Type of winding PLC Winding motor Rewinding speed Unloading Total power Average power-consumption Dimension(L X W X H)	收卷形式 收卷电机 卷曲速度 卸料 总功率 平均耗电量 外形尺寸(长x宽x高)	—Surface friction type with double winding automatic winding, orl-changing and unloading. —PLC control system from Japan Mitsubishi. —2.2kw X 2sets —5-45m/min —Unloading is used for oil pressure(oil cylinder) —200kw —80kw —10.0 X 6.0 X 10.5m	摩擦式双收卷，全自动收卷，换卷，卸料 采用日本三菱PLC控制，三菱模块 Mitsubishi module. 油压式(油缸)



3-LAYER

SG

ABC Three-layer co-extrusion blown film machine
三层共挤吹膜机



Characteristic

Three-layer co-extrusion adopts new cost-effective extrusion unit,IBC internal bubble cooling system,±360° horizontal type rotation system,photoelectric automatic correction device,automatic film rewinding and film tension controller,automatic computer screen control system etc...-compared with others, it has advantages of higher output, better plasticizing, lower energy consumption and easier operation.Up-traction technology has been at the highest level of china.The max. output of SG-3L1500 type can reach 300kg/h,while SG-3L1200 can be up to 220-250kg/h.

特点

我司生产的三层共挤吹膜机采用新型高效低能耗挤出机组,IBC膜泡内冷系统,±360°水平式上牵引旋转系统,超声波自动纠偏装置,全自动收卷及薄膜张力控制,电脑屏幕自动控制系统等先进技术。与同类设备相比,具有产量更高、制品塑化好、低能耗、操作简便的优点。上牵引技术在国内吹膜机领域达到领先水平,SG-3L1500型最高产量可达300kg/h,SG-3L1200型产量高达220-250kg/h。

三层吹膜机主要技术参数

MAIN TECHNICAL PARAMETERS		SG-3L1000	SG-3L1200	SG-3L1500	SG-3L2000	
Suitable Materials	通用原料	HDPE,LDPE,LLDPE,EVA	HDPE,LDPE,LLDPE,EVA	HDPE,LDPE,LLDPE,EVA	HDPE,LDPE,LLDPE,EVA	
Film Width	产品宽度	1000mm	1200mm	1500mm	2000mm	
Film Thickness	产品厚度	0.02-0.2mm	0.02-0.2mm	0.02-0.2mm	0.02-0.2mm	
Max.Output	最大挤出量	150kg/hr	200kg/hr	260kg/hr	350kg/hr	
EXTRUDER 挤出机	Screw Diameter	螺杆直径	A Φ50mm B Φ60mm C Φ50mm	A Φ55mm B Φ60mm C Φ55mm	A Φ60mm B Φ65mm C Φ60mm	A Φ65mm B Φ75mm C Φ65mm
	L/D	螺杆长径比	30:1	30:1	30:1	30:1
	Screw Material	螺杆材料	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA
	Cylinder Material	料筒材料	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA
	Cylinder Cooling	料筒冷却	370w X 2/3	370w X 2/3	370w X 2/3	370w X 2/3
	Main Motor	主机功率	A18.5+B30+C18.5kw	A22+B37+C22kw	A30+B45+C30kw	A37+B55+C37kw
	Temperature Control	料筒温度控制	3 X 3	3 X 3	4 X 3	4 X 3
	Average Powerconsum.	平均耗电量	60kw	80kw	100kw	120kw
DIE HEAD 模头	Die size	模头直径	Φ250mm	Φ300mm	Φ400mm	Φ500mm
	Air ring	风环	800mm	1000mm	1200mm	1600mm
	Air blower	风机	7.5kw	11kw	11kw	18.5kw
TAKE UP UNIT 牵引装置	Roller width	牵引辊宽	Φ165 X 1200mm	Φ180 X 1400mm	Φ200 X 1700mm	Φ220 X 2200mm
	Take-up speed	牵引速度	5-70m/min	5-60m/min	5-50m/min	5-40m/min
	Take-up motor	牵引电机功率	1.5kw	2.2kw	2.2kw	3kw
WINDING UNIT 收卷装置	Type	收卷方式	Surface friction type	Surface friction type	Surface friction type	Surface friction type
	Winding motor	收卷电机功率	1.5kw	2.2kw	2.2kw	3kw
	Winding speed	收卷速度	5-70m/min	5-60m/min	5-50m/min	5-45m/min
	Dimension(LxWxH)	外形尺寸(长x宽x高)	7.0 X 4.5 X 7.5m	8.5 X 5.5 X 8.5m	9.0 X 6.0 X 10.5m	10.0 X 6.5 X 12m

产品展示

PRODUCT DISPLAY



up-rotation
上牵引旋转
thickness gauge
测厚
automatic air ring
自动风环
automatic edge correction
自动纠偏
automatic winder
自动收卷

三层吹膜机主要技术参数 带内冷型

MAIN TECHNICAL PARAMETERS IBC			SGII-3L1000	SGII-3L1200	SGII-3L1500	SGII-3L2000	
Suitable Materials Film Width Film Thickness Max.Output	通用原料	HDPE,LDPE,LLDPE,EVA	HDPE,LDPE,LLDPE,EVA	HDPE,LDPE,LLDPE,EVA	HDPE,LDPE,LLDPE,EVA		
	产品宽度	1000mm	1200mm	1500mm	2000mm		
	产品厚度	0.02-0.2mm	0.02-0.2mm	0.02-0.2mm	0.02-0.2mm		
	最大挤出量	180kg/hr	220kg/hr	300kg/hr	350kg/hr		
EXTRUDER 挤出机	Screw Diameter	螺杆直径	A Φ50mm B Φ60mm C Φ50mm	A Φ55mm B Φ60mm C Φ55mm	A Φ60mm B Φ65mm C Φ60mm	A Φ65mm B Φ75mm C Φ65mm	
	L/D	螺杆长径比	30:1	30:1	30:1	30:1	
	Screw Material	螺杆材料	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA	
	Cylinder Material	料筒材料	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA	
	Cylinder Cooling	料筒冷却	370w X 2/3	370w X 2/3	370w X 2/3	370w X 2/3	
	Main Motor	主机功率	A18.5+B30+C18.5kw	A30+B37+C30kw	A37+B45+C37kw	A37+B55+C37kw	
	Temperature Control	料筒温度控制	3 X 3	3 X 3	3 X 3	4 X 3	
	Average Powerconsump	平均耗电量	70kw	90kw	110kw	130kw	
	DIE HEAD 模头	Die size	模头直径	Φ250mm	Φ300mm	Φ400mm	Φ500mm
		Temperature control zone	温度控制	4	4	4	4
COOLING SYSTEM 冷却装置	Air ring	双风口 风环	800mm	1000mm	1200mm	1600mm	
	Inner Cooling Blower	吹风机	5.5kw	5.5kw	5.5kw	7.5kw	
	Suction Blower	吸风机	5.5kw	5.5kw	5.5kw	7.5kw	
	Main air blower	主风机	7.5kw	11kw	15kw	18.5kw	
TAKE UP UNIT 牵引装置	Roller width	牵引辊宽	Φ165 X 1200mm	Φ180 X 1400mm	Φ200 X 1700mm	Φ220 X 2200mm	
	Take-up speed	牵引速度	5-70m/min	5-60m/min	5-50m/min	5-45m/min	
	Take-up motor	牵引电机功率	1.5kw	2.2kw	2.2kw	3kw	
WINDING UNIT 收卷装置	Type	收卷方式	Surface friction type	Surface friction type	Surface friction type	Surface friction type	
	Winding motor	收卷电机功率	1.5kw	2.2kw	2.2kw	3kw	
	Winding speed	收卷速度	5-70m/min	5-60m/min	5-50m/min	5-45m/min	
	Dimension(LxWxH)	外形尺寸(长x宽x高)	7.0 X 4.5 X 7.5m	8.5 X 5.5 X 8.5m	9.0 X 6.0 X 10m	10.0 X 6.5 X 12m	

产品展示
PRODUCT DISPLAY



SF 双层ABA吹膜机

MAIN TECHNICAL PARAMETERS			SF-2L800	SF-2L1000	SF-2L1200	
Suitable Materials Film Width Film Thickness Max.Output	通用原料	HDPE,LDPE,LLDPE,EVA	HDPE,LDPE,LLDPE,EVA	HDPE,LDPE,LLDPE,EVA	HDPE,LDPE,LLDPE,EVA	
	产品宽度	800mm	1000mm	1200mm	1200mm	
	产品厚度	0.02-0.2mm	0.02-0.2mm	0.02-0.2mm	0.02-0.2mm	
	最大挤出量	100kg/hr	120kg/hr	180kg/hr	180kg/hr	
EXTRUDER 挤出机	Screw Diameter	螺杆直径	Φ50mm X 2	Φ55mm X 2	Φ55mm、65mm	
	L/D	螺杆长径比	30:1	30:1	30:1	
	Screw Material	螺杆材料	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA	
	Cylinder Material	料筒材料	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA	
	Cylinder Cooling	料筒冷却	370w X 2/3	370w X 2/3	370w X 2/3	
	Main Motor	主机功率	18.5kw X 2	22kw X 2	22kw、37kw	
	Temperature Control	料筒温度控制	3	3	4	
	Average Powerconsump	平均耗电量	40kw	50kw	65kw	
	DIE HEAD 模头	Die size	模头直径	Φ220/100mm	Φ220/120mm	Φ250/150mm
		Air ring	风环	600mm	1000mm	1050mm
Air blower		风机	3.7kw	5.5kw	7.5kw	
TAKE UP UNIT 牵引装置	Roller width	牵引辊宽	Φ165 X 1000mm	Φ165 X 1200mm	Φ180 X 1400mm	
	Effective Width	有效宽度	800mm	1000mm	1200mm	
	Take-up speed	牵引速度	10-75m/min	10-65m/min	10-55m/min	
	Take-up motor	牵引电机功率	1.5kw	1.5kw	2.2kw	
WINDING UNIT 收卷装置	Type	收卷方式	Surface friction type	Surface friction type	Surface friction type	
	Winding motor	收卷电机功率	1.5kw	1.5kw	2.2kw	
	Winding speed	收卷速度	10-75m/min	10-65m/min	10-55m/min	
	Dimension(LxWxH)	外形尺寸(长x宽x高)	4.5 X 3 X 6.5m	7.5 X 3.2 X 7.5m	7.8 X 3.4 X 8.0m	

产品展示
PRODUCT DISPLAY



1-LAYER

SD

Mono layer blown film machine
单层吹膜机

Characteristic

Our company produces not only ordinary mono layer blown film machine but also professional high-speed mono layer blown film machine. The high speed blown film machine apply to blown LDPE and HDPE. The product is widely used for lamination film, packaging film, agricultural mulch film, textile packing, garment bag and other packing areas. The main motor adopts inverter speed controller, which greatly increases the stability of main motor and can save 30% power. The screw and cylinder are made of 38 Cr Mo Al, and has been nitrided. The traction frame adopts lifting type, cooling the best film whatever big or small.

特点

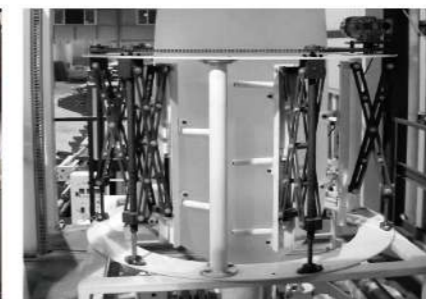
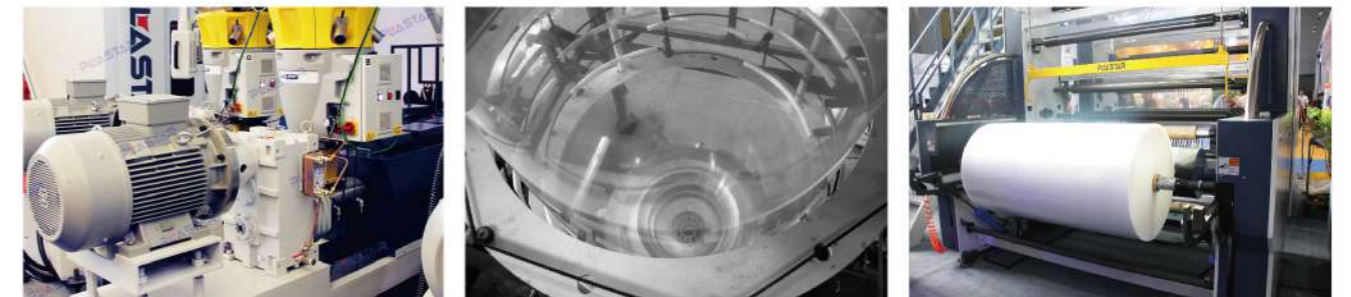
我司除了生产普通单层吹膜机，还专业生产高速共挤吹膜机。高速共挤吹膜机用于吹制高低压聚乙烯，产品广泛用于复合膜，包装膜，农业覆盖膜，纺织品，服装袋或膜等包装；主电机采用变频调速，增加了主机调速的稳定性，并可节电 30%，螺杆料筒采用 35 铬钼铝，经氮化处理，牵引机架采用升降式，不管吹大、小规格薄膜均能使其冷却效果达到最佳。

单层吹膜机主要技术参数

MAIN TECHNICAL PARAMETERS			SD-45	SD-50	SD-55	SD-60
Suitable Materials Film Width Film Thickness	通用原料		HDPE,LDPE,LLDPE,EVA	HDPE,LDPE,LLDPE,EVA	HDPE,LDPE,LLDPE,EVA	HDPE,LDPE,LLDPE,EVA
	产品宽度		500mm	600mm	800mm	1000mm
	产品厚度	HDPE	0.008-0.05mm	0.008-0.05mm	0.008-0.15mm	0.008-0.15mm
Max.Output	最大挤出量	HDPE	40kg/hr	45kg/hr	65kg/hr	90kg/hr
		LDPE	45kg/hr	50kg/hr	70kg/hr	100kg/hr
EXTRUDER 挤出机	Screw Diameter	螺杆直径	Φ45mm	Φ50	Φ55mm	Φ60
	L/D	螺杆长径比	30:1	30:1	30:1	30:1
	Screw Material	螺杆材料	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA
	Cylinder Material	料筒材料	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA
	Cylinder Cooling	料筒冷却	250w X 2	250w X 2	370w X 2	370w X 2
	Main Motor	主机功率	15kw	18.5kw	22kw	30kw
	Temperature Control	料筒温度控制	2	3	3	4
	Average Power-consumption	平均耗电量	12kw	14kw	18.5kw	25kw
DIE HEAD 模头	Die size	模头直径	HDPE Φ60/80mm	Φ60/100mm	Φ80/100mm	Φ120/150mm
		LDPE	Φ100/120mm	Φ120/150mm	Φ180/200mm	Φ220/250mm
	Air ring	风环	600mm	600mm	830mm	1000mm
Air blower	风机	2.2kw	2.2kw	3.7kw	5.5kw	
TAKE UP UNIT 牵引装置	Roller width	牵引辊宽	Φ140 X 600mm	Φ140 X 700mm	Φ165 X 900mm	Φ180 X 1300mm
	Effective width	有效宽度	500mm	600mm	800mm	1000mm
	Take-up speed	牵引速度	10-100m/min	10-100m/min	10-80m/min	10-80m/min
	Take-up motor	牵引电机功率	1.1kw	1.1kw	1.5kw	2.2kw
WINDING UNIT 收卷装置	Type	收卷方式	Surface friction type	Surface friction type	Surface friction type	Surface friction type
	Winding motor	收卷电机功率	1.1kw	1.1kw	1.5kw	2.2kw
	Winding speed	收卷速度	10-100m/min	10-100m/min	10-80m/min	10-80m/min
	Voltage	电压	380V,50HZ,3PHASE	380V,50HZ,3PHASE	380V,50HZ,3PHASE	380V,50HZ,3PHASE
	Dimension(LxWxH)	外形尺寸(长x宽x高)	4.3 X 1.6 X 3.6m	5.0 X 2.2 X 4.5m	5.5 X 2.5 X 5.2m	5.8 X 2.8 X 6.3m

产品展示

PRODUCT DISPLAY



direct-link extruder
直联主机
transparent bubble
高透明膜泡
automatic winder
自动收卷
rotary die head
旋转模具
automatic width controller
自动稳泡装置

单层吹膜机主要技术参数

MAIN TECHNICAL VARIABLES		SD-65	SD-75	SD-90	SD-100	
Suitable Materials Film Width Film Thickness Max.Output	通用原料	HDPE,LDPE,LLDPE,EVA	HDPE,LDPE,LLDPE,EVA	HDPE,LDPE,LLDPE,EVA	HDPE,LDPE,LLDPE,EVA	
	产品宽度	1200mm	1500mm	1800mm	2000mm	
	产品厚度	HDPE 0.02-0.1mm LDPE 0.02-0.2mm	0.02-0.1mm 0.02-0.2mm	0.02-0.1mm 0.02-0.2mm	0.02-0.1mm 0.02-0.2mm	
	最大挤出量	HDPE 120kg/hr LDPE 130kg/hr	140kg/hr 150kg/hr	160kg/hr 180kg/hr	180kg/hr 200kg/hr	
EXTRUDER 挤出机	Screw Diameter	螺杆直径	Φ65mm	Φ75	Φ90	Φ100
	L/D	螺杆长径比	30:1	30:1	30:1	30:1
	Screw Material	螺杆材料	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA
	Cylinder Material	料筒材料	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA
	Cylinder Cooling	料筒冷却	250w X 2	250w X 2	370w X 2	370w X 2
	Main Motor	主机功率	37kw	45kw	55kw	75kw
	Temperature Control	料筒温度控制	4	5	5	5
	Average Power-consumption	平均耗电量	30kw	40kw	50kw	70kw
DIE HEAD 模头	Die size	模头直径	Φ300mm	Φ350mm	Φ450mm	Φ500mm
	Air ring	风环	1000mm	1280mm	1480mm	2200mm
	Air blower	风机	7.5kw	11kw	15kw	15kw
TAKE UP UNIT 牵引装置	Roller width	牵引辊宽	Φ180 X 1400mm	Φ180 X 1700mm	Φ200 X 2000mm	Φ200 X 2200mm
	Effective width	有效宽度	1200mm	1500mm	1800mm	2000mm
	Take-up speed	牵引速度	10-80m/min	10-80m/min	10-60m/min	10-50m/min
	Take-up motor	牵引电机功率	2.2kw	2.2kw	3kw	3kw
WINDING UNIT 收卷装置	Type	收卷方式	Surface friction type	Surface friction type	Surface friction type	Surface friction type
	Winding motor	收卷电机功率	2.2kw	2.2kw	3kw	3kw
	Winding speed	收卷速度	10-80m/min	10-80m/min	10-60m/min	10-50m/min
	Voltage	电压	380V,50HZ,3PHASE	380V,50HZ,3PHASE	380V,50HZ,3PHASE	380V,50HZ,3PHASE
	Dimension(LxWxH)	外形尺寸(长x宽x高)	6.8 X 2.6 X 7.0m	7.0 X 3.2 X 7.5m	7.5 X 3.2 X 8.5m	8.0 X 4.5 X 10m

产品展示
PRODUCT DISPLAY



单层吹膜机主要技术参数 高速

MAIN TECHNICAL PARAMETERS HIGH SPEED		GSD-45	GSD-55	GSD-60	GSD-65	
Suitable Materials Film Width Film Thickness Max.Output	通用原料	HDPE,LDPE,LLDPE,EVA	HDPE,LDPE,LLDPE,EVA	HDPE,LDPE,LLDPE,EVA	HDPE,LDPE,LLDPE,EVA	
	产品宽度	100-600mm	400-800mm	600-1000mm	600-1200mm	
	产品厚度	HDPE 0.006-0.05mm LDPE 0.02-0.15mm	0.009-0.15mm 0.03-0.15mm	0.009-0.15mm 0.03-0.15mm	0.009-0.15mm 0.03-0.15mm	
	最大挤出量	HDPE 70kg/hr LDPE 70kg/hr	110kg/hr 110kg/hr	130kg/hr 130kg/hr	165kg/hr 165kg/hr	
EXTRUDER 挤出机	Screw Diameter	螺杆直径	Φ45mm	Φ55mm	Φ60mm	Φ65mm
	L/D	螺杆长径比	30:1	30:1	30:1	30:1
	Screw Material	螺杆材料	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA
	Cylinder Material	料筒材料	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA	SACM-645/38 CRMOALA
	Cylinder Cooling	料筒冷却	250w X 2	370w X 2	370w X 2	370w X 2
	Main Motor	主机功率	22kw	30kw	37kw	45kw
	Temperature Control	料筒温度控制	3	3	4	4
	Average Power-consumption	平均耗电量	25kw	35kw	38kw	45kw
DIE HEAD 模头	Die size	模头直径	HDPE Φ80mm LDPE Φ150mm	Φ100mm Φ200mm	Φ120mm Φ250mm	Φ150mm Φ300mm
	Air ring	风环	630mm	630mm	800mm	800mm
	Air blower	风机	2.2kw	3.7kw	5.5kw	7.5kw
TAKE UP UNIT 牵引装置	Roller width	牵引辊宽	Φ165 X 700mm	Φ165 X 1000mm	Φ165 X 1200mm	Φ165 X 1400mm
	Effective width	有效宽度	600mm	800mm	1000mm	1200mm
	Take-up speed	牵引速度	10-150m/min	10-150m/min	10-150m/min	10-150m/min
	Take-up motor	牵引电机功率	1.5kw	1.5kw	2.2kw	2.2kw
WINDING UNIT 收卷装置	Type	收卷方式	Surface friction type	Surface friction type	Surface friction type	Surface friction type
	Winding motor	收卷电机功率	1.5kw	1.5kw	2.2kw	2.2kw
	Winding speed	收卷速度	10-100m/min	10-100m/min	10-80m/min	10-80m/min
	Voltage	电压	380V,50HZ,3PHASE	380V,50HZ,3PHASE	380V,50HZ,3PHASE	380V,50HZ,3PHASE
	Dimension(LxWxH)	外形尺寸(长x宽x高)	5.0 X 2.0 X 4.8m	5.5 X 2.5 X 6.0m	5.5 X 2.8 X 6.5m	5.8 X 2.8 X 7.0m

产品展示
PRODUCT DISPLAY





MSD

Mini type blown film machine
迷你型吹膜机



Characteristic

Mini type film blowing machine has the best hardness and corrosion resistance, and can help you save energy, labour, factory space and etc.. The extruding parts, cylinder, screw are all made of the finest alloy steel, which has nitrided treatment and precision designed. With special designed screw enables high output and good plasticization. It is suitable for blowing low density polyethylene(LDPE), high density polyethylene(HDPE)and linear low density polyethylene(LLDPE)plastic film, which is widely used for packing food, clothing, bags, vest bags and etc.

特点

我司生产的迷你吹膜机具有最佳硬度和耐腐蚀性,节省能源、劳动力、生产厂房等优点。其挤出机,机筒、螺杆均采用优质合金钢,氮化处理 and 精密加工,具有最佳的硬度和耐腐蚀性,特殊设计的螺杆产量最高,塑化好。适用于吹制低密度聚乙烯(LDPE)高密度聚乙烯(HDPE)线性低密度聚乙烯(LLDPE)等塑料薄膜,广泛应用于食品、服装、垃圾袋、背心袋等民用及工业包装。

迷你型吹膜机主要技术参数

MAIN TECHNICAL PARAMETERS

MSD-45

Screw Diameter	螺杆直径	Φ45
L/D	螺杆长径比	30:1
Max.Output	最大产量	45kg/h
Max.folding width of film	薄膜最大折径	500mm
Thickness	薄膜单面厚度	0.01-0.10mm
Main Motor	主机功率	15kw
Dimension (L X W X H)	外形尺寸	4.5 X 2.0 X 3.7m
Weight	整机重量	2500kg

可选配件

OPTIONAL EQUIPMENT



corner of workshop
工厂实景
samples of equipment
批量样机
precision extruder
精巧主机
high quality and output
高质高产



SF-2L800ABA

Three-layer co-extrusion
blown film machine

三层共挤吹膜机

A **B** **A**
 10%新料 80%二级回料 10%新料
 10%New 80%Secondary 10%New
 +
 Caco3



Characteristic

ABA blown film machine has unique advantages in processing HDPE, LDPE and LLDPE material. The physical strength of the film is improved by co-extrusion. Its two extruders supply three-layer extrusion, one blows internal and external coating layer, and the other blows middle filling layer. You can decrease one of the extruders configuration for the purpose of reducing the cost, saving energy and low consumption. At the same time, the middle filling layer can be added to the recovery of the material and calcium carbonate which accounts for more than 80% of the total output. It can greatly reduce raw material cost in the process of production and provide customers with stronger market competitiveness.

特点

ABA 三层共挤吹膜机，在生产 HDPE、LDPE 和 LLDPE 材料，都有着独特的优势。通过多层共挤改善了薄膜的物理强度。其两台主机供应三层挤出，一台提供内外涂料层，另一台供应内部填充层。可以减少一台主机的配置，达到降低成本，节能降耗的目的。同时，内部填充层可以添加回收料和碳酸钙其占比超过总产量的 80% 以上。可以大大降低生产过程中的原料成本为客户提供更强劲的市场竞争力。

ABA吹膜机主要技术参数

MAIN TECHNICAL PARAMETERS

		SF-2L600ABA	SF-2L800ABA	SF-2L 1000ABA
Screw Diameter	螺杆直径	Φ45x2	Φ50x2	Φ55x2
L/D	螺杆长径比	30:1	30:1	30:1
Screw Speed	螺杆转速	10-120m/min	10-120m/min	10-120m/min
Max.Output	最大产量	60kg/h	100kg/h	120kg/h
Max.folding width of film	薄膜最大折径	600mm	800mm	1000mm
Thickness	薄膜单面厚度	0.008-0.06mm	0.01-0.10mm	0.01-0.1mm
Main Motor	主机功率	15kwx2	18.5x2kw	22kwx2
Dimension (L X W X H)	外形尺寸	5.8x3.2x5.5m	6.0x3.7x6.0m	6.2x4.0x7m
Weight	整机重量	4000kg	4500kg	5200kg

可选配件

OPTIONAL EQUIPMENT



precision extruder
精巧主机
flat winding
收卷平整
stable bubble
膜泡稳定

ABA

SD2L-ABA-2

Double-head ABA blown film machine

双机头吹膜机组



Characteristic

Plastar ABA co-extrusion blown film machine has unique characteristics no matter processing HDPE or LDPE material. It improves the Physical strength of film by multi layers co-extrusion. One extruder for inner material and outer material, which can reduce the configuration of the extruder, while output for the two molds by shutting mode. It can reduce the cost and also save workshop space and energy. This type machine is used for blowing various plastic film of low density polyethylene, high density polyethylene and liner low density polyethylene, ect. It can use both new material and recycling material with stable performance and reliable quality. This unit adopts the special structure of the screw extruder, the advanced rotary die head, the flexible and adjustable cooling air ring, the reasonable foam stabilizing structure, so it ensure that the above three kinds of polyethylene and different proportion of mixed plastic uniform.

Three layers co-extrusion die head with two sets extruders, one is for outer layer material(A) and the other is for middle layer material (B). B screw can use recycling material or other par materials, even can add 50% calcium carbonate. The strength, heat sealability, printability of film are unaffected. And due to calcium carbonate and LDPE added in B layer, the cooling is faster while the output is higher.

The extruding parts,cylinder,screw are all made of the finest alloy steel, which has nitrided treatment and precision designed. With special designed screw enables high output and good plasticization. It is suitable for blowing low density polyethylene(LDPE), high density polyethylene(HDPE)and linear low density polyethylene(LLDPE)plastic film, which is widely used for packing food, clothing, bags, vest bags and etc.

特点

我司生产的共挤 A+B+A 吹膜机,不论是生产 HDPE 材料或者 LDPE,都有着独特的特点。通过多层共挤改善了薄膜的物理强度,用一台主机供里外层料,可以减少主机的配置,同时通过分流模输出两个模具。可以达到降低成本,节省空间,节能降耗的目的。本机组大量用于吹塑薄膜。可吹制低压,高压,线形低密度三种聚乙烯薄膜,不但适应新料吹膜,还适用于再生塑料吹膜,性能稳定,质量可靠,本机组采用特殊结构的螺旋杆挤出机,先进的螺旋模头,调节灵活的冷却风环,合理的稳泡结构,从而保证上三种聚乙烯及不同比例的混合塑料化均匀。

三层共挤模具,两台主机,一台外层涂料层(A层),一台挤中间夹层部分(B层)使用再生料或其他平价材料,甚至可添加 50% 碳酸钙其强度,焊接性,印刷性丝毫不受影响,而且中层因夹有碳酸钙或低密度聚乙烯冷却更快产量更高。

本机组挤出机,机筒、螺杆均采用优质合金钢,氮化处理 and 精密加工,具有最佳的硬度和耐腐蚀性,特殊设计的螺杆产量高,塑化好。适用于吹制低密度聚乙烯(HDPE)线性低密度聚乙烯(LLDPE)等塑料薄膜,广泛应用于食品、服装、垃圾袋、背心袋等民用及工业包装。

ABA吹膜机组主要技术参数

MAIN TECHNICAL PARAMETERS

		SD-2L400 ABA-2	SD-2L550 ABA-2
Screw Diameter	螺杆直径	Φ55mmX2	Φ60mmX2
L/D	螺杆长径比	30:1	30:1
Screw Speed	螺杆转速	10-110m/min	10-120m/min
Max.Output	最大产量	110kg/h	130kg/h
Max.folding width of film	薄膜最大折径	400mmx2	550mmx2
Thickness	薄膜单面厚度	0.008-0.1mm	0.008-0.1mm
Main Motor	主机功率	30kw	37kw
Total Power	总功率	100kw	120kw
Dimension (L X W X H)	外形尺寸	5.5x3.6x6.5m	6.0x3.6x7.0m
Weight	整机重量	5000kg	5500kg



STRETCH FILM MACHINE



缠绕膜机组

PLASTAR

3-LAYER

CG

Three-layer co-extrusion stretch film machine

三层缠绕膜机组



Characteristic

Stretch film unit has automatic and flexible roll changing functions; that is, automatic cutting, roll changing and whole PLC controlling, safe and reliable, without mis-operation. The automatic cutting knife is made by professional tool grinding factory. The rewinding roller is independent of frequency converter control, adjusting speed quickly, effectively ensure the rewinding roller tension, rewinding smooth and neat, and also energy saving. The whole machine has easy operation, and the speed and the temperature are real-time monitored. It has strong anti-interference ability. With increasing the stability of frequency converter and temperature controller, the machine working life will become longer.

特点

我司生产的缠绕膜机组具有全自动柔性收换卷功能,即自动断料、自动收换卷,全过程 PLC 控制,安全可靠,无误动作。其自动断料刀采用的磨齿由专业刀具厂制造。其收料辊独立于变频器控制,调整速度快,有效保证收料辊的张力均衡,收料平整,且省电。整机操作方便,速度、温度实时监控;抗干扰能力强,随着变频器、温度控制器稳定性提高,正常工作寿命大大延长。

三层缠绕膜机组主要技术参数

MAIN TECHNICAL PARAMETERS

		CG-3L1000	CG-3L1500	CG-3L2000
3 LAYER	Screw Diameter	Φ 55mm X 2 Φ 75mm	Φ 55mm X 2 Φ 90mm X 1	Φ 75mm X 2 Φ 90mm X 1
	L/D	30:1	30:1	30:1
	Screw Speed	10-120r/min	10-120r/min	10-120r/min
	Folding Width of Products	1000(500mm X 2rolls)	1500(500mm X 3rolls)	2000(500mm X 4rolls)
	Thickness	0.008-0.05mm	0.008-0.05mm	0.008-0.05mm
	Width of die head	1250mm	1800mm	2300mm
	Structure of film	ABC	ABC	ABC
	Linear speed	50-100m/min	50-100m/min	50-100m/min
	Main Motor	18.5kw 37kw 18.5kw	22kw 55kw 22kw	37kw 55kw 37kw
	Heating Power	35kw	40kw	50kw
	Total Power	102kw	150kw	200kw
	Max. Output	120kg/h	180kg/h	220kg/h
	Dimension(LxWxH)	7.0 X 3.5 X 2.8m	8.0 X 4.0 X 3.5m	12.0 X 4.6 X 3.5m
	Weight	6500kg	11000kg	15000kg

双层缠绕膜机组主要技术参数

MAIN TECHNICAL PARAMETERS

		CF-2L500	CF-2L1000	CF-2L1500
2 LAYER	Screw Diameter	Φ 50mm X 2	Φ 55mm Φ 75mm	Φ 65mm X 2 Φ 90mm
	L/D	30:1	30:1	30:1
	Screw Speed	10-120r/min	10-120r/min	10-120r/min
	Folding Width of Products	500(500mm X 1 rolls)	1000(500mm X 2rolls)	1500(500mm X 3rolls)
	Thickness	0.008-0.05mm	0.008-0.05mm	0.008-0.05mm
	Width of die head	650mm	1250mm	1800mm
	Structure of film	AB	AB	AB
	Linear speed	50-100m/min	50-100m/min	50-100m/min
	Main Motor	18.5kw 18.5kw	22kw 37kw	30kw 55kw
	Heating Power	20kw	35kw	40kw
	Total Power	58kw	80kw	120kw
	Max. Output	50kg/h	100kg/h	150kg/h
	Dimension(LxWxH)	6.0 X 2.0 X 2.6m	7.0 X 2.5 X 2.6m	8.0 X 2.8 X 3.2m
	Weight	4000kg	5000kg	10000kg

产品展示

PRODUCT DISPLAY



1-LAYER



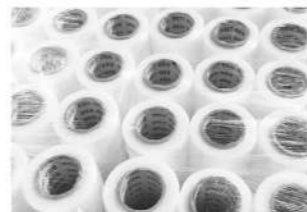
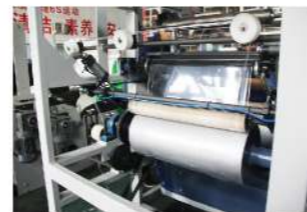
CD

Single layer stretch film machine
单层缠绕膜机组



单层缠绕膜机组主要技术参数

MAIN TECHNICAL PARAMETERS		CD-1L500	CD-1L600	CD-1L1000	
1 LAYER	Screw Diameter	螺杆直径	Φ55mm	Φ60mm	Φ75mm
	L/D	螺杆长径比	30:1	30:1	30:1
	Screw Speed	螺杆转速	10-120r/min	10-120r/min	10-120r/min
	Folding Width of Products	成品宽度	500mm	600(300mm X 2rolls)	1000(500mm X 2rolls)
	Thickness	成品厚度	0.008-0.05mm	0.008-0.05mm	0.008-0.05mm
	Width of die head	模头宽度	650mm	800mm	1250mm
	Structure of film	膜层结构	A	A	A
	Linear speed	机械速度	50-100m/min	50-100m/min	50-100m/min
	Main Motor	主机功率	22kw	30kw	45kw
	Heating Power	加热功率	20kw	25kw	30kw
	Total Power	总功率	55kw	50kw	80kw
	Max. Output	最大产量	40kg/h	50kg/h	80kg/h
	Dimension(LxWxH)	外形尺寸(长x宽x高)	6.0 X 1.8 X 2.6m	6.0 X 2.0 X 2.6m	6.0 X 2.3 X 2.6m
	Weight	整机重量	4000kg	4200kg	5000kg



QCF-500

Full automatic
rewinding machine
全自动电脑复卷机



Full automatic PLC control rewinding machine can rewind film, meter count, automatic cut in one time. The main function divides big roll film into small-roll film. By rewinding the film, it corrects the products line and improves the membrane flatness, the out-look and other indicators. It is suitable for rewinding film, stretch film, cling film, aluminum foil paper and etc..

我司生产的全自动电脑复卷机是集复卷、计米、自动切断等多功能于一体的设备。主要用途是将大卷径薄膜分成几卷小卷径。通过复卷可以纠正产品的错层，提高卷材的平整度、外观质量等技术指标，适用于缠绕膜、拉伸膜、保鲜膜、镀铝膜、纸张等。



FC-500

Stretch film rewinding slitter
缠绕膜复卷分切机



Stretch film slitting and rewinding machine is safe and easy to operate, making the product more smoothly and flat. When touch with air, the film will become much better tension and puncture resistance. It is suitable for cling film, stretch film, cast film, plastic film, plastic film rewinding and etc.

我司生产的缠绕膜复卷分切机操作简易、安全，使收卷材料更加平整、结实、与空气接触后使拉力、抗刺穿力更好；本机组适用于拉伸膜、缠绕膜、流延膜、保鲜膜等塑料薄膜复卷。



复卷机主要技术参数

MAIN TECHNICAL PARAMETERS		QCF-500	FC-500
Folding Width of Products	成品宽度	500mm	500mm
Power of Motor	电机功率	2.2kw	2.2kw
Linear speed(max.)	机械线速(最大)	400m/min	400m/min
Roll laying mode	上卷形式	人工上卷by hand	人工上卷by hand
Diameter of jumbo roll(max.)	母卷直径(最大)	Φ500mm	Φ400mm
Width of jumbo roll(max.)	母卷宽度(最大)	300-500mm	500mm
Core specification of jumbo roll	母卷卷芯规格	3"	3"
Width of sub-roll	子卷宽度	500mm	500mm
Diameter of sub-roll(max.)	子卷直径(最大)	Φ40-160mm	Φ40-300mm
Core specification of sub-roll	子卷芯轴规格	3", 2"	3", 2"
Dimension(L X W X H)	外形尺寸(长 X 宽 X 高)	1.2 X 1.5 X 1.7m	1.1 X 1.5 X 1.1m
Weight	整机重量	500kg	400kg

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Professional Manufacturer of
multi-layer co-extrusion blown film machine

专业的多层共挤吹膜机制造商

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We have been working hard
探索者勇攀高峰，执着者勇往直前！

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