

**RAYSHAPE**  
**锐塑机械**

**始终坚持以技术创新**

**质量过硬 服务及时 产品共赢**

为客户利益而努力创新

邮箱: [ivy@cnrayshape.com](mailto:ivy@cnrayshape.com)

地址: 浙江省温州市平阳县滨海新区平海大道东段 19 号

WhatsApp/wechat: 17605773481

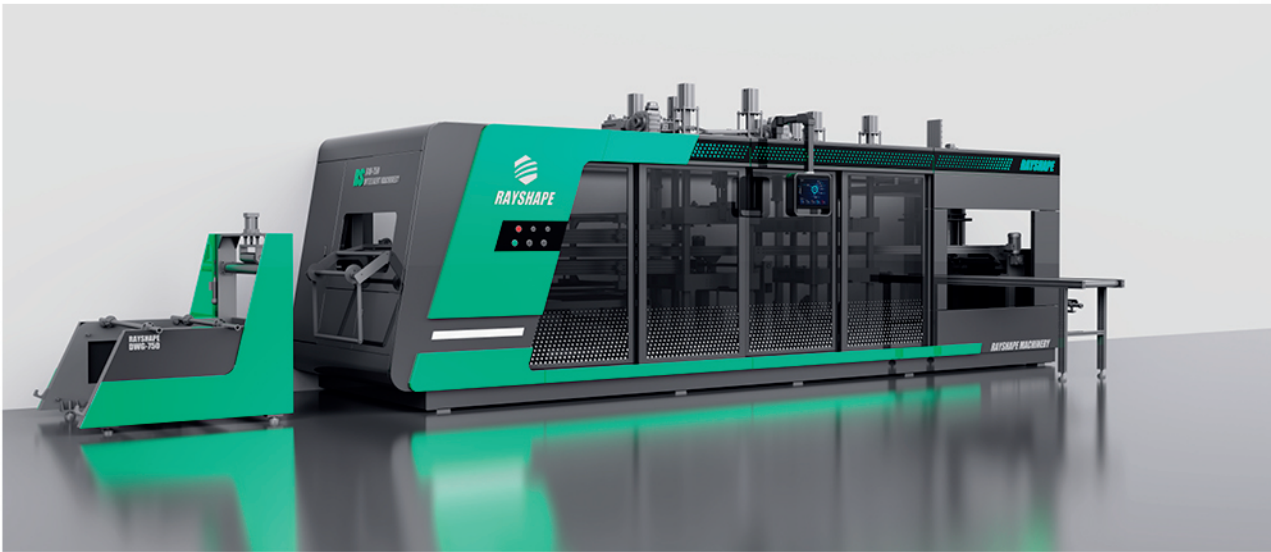
Add: No. 19, East Section of Pinghai road, Binhai New District, Pingyang County, Wenzhou City,  
Zhejiang Province

**温州锐塑机械有限公司**

**WENZHOU RAYSHAPE MACHINERY CO., LTD**

全自动多工位热成型机

RS SERIES Mult-Stations Plastic Thermoforming Machine



简介

Introduction

多工位热成型机适用于处理不同的材料，如 A-PET、R-PET、C-PET、BOPS、HIPS、PP、PLA、PVC 和阻隔材料，并可生产多种产品：托盘、盖子、水果和蔬菜盒、花盆、贝壳、育苗托盘和盘子。

它可以制造一些单工位热成型机无法制造的产品，例如：PLA 产品、有孔的塑料盖或容器、主体和盖子连接的包装容器（水果盒、鸡蛋托盘）等。

The multi-stations thermoforming machine is suitable to handle different materials, such as A-PET, R-PET, C-PET, BOPS, HIPS, PP, PLA, PVC and barrier material and to produce many items: trays, lids, fruits and vegetables boxes, flower pots, clamshells, nursery trays and plates.

It can make some products which unable to be made in one station thermoforming machine, like for example: PLA products, plastic lids or containers which has holes, the packing containers (fruit box, egg trays) with body and cover connected etc.

- 标准化程度高。
  - 卓越的可重复性。
  - 坚固耐用。
  - 灵活生产各种包装产品。
  - 提高高速性能。
  - 切割精度和可靠性。
  - 所有主要运动部件均采用电动驱动。
- High level of standardization.
  - Exceptional repeatability.
  - Rugged durability.
  - Flexible production for a wide range of articles.
  - Increased high-speed performances.
  - Cutting accuracy and reliability.
  - Electric drives on all the main moving parts.
  - User-friendly software to control each operation and for working

技术参数

Specification

型号 Model	450/650	730/610	730/810
片材厚度 Sheet Thickness	0.2-1.5mm	0.2-1.5mm	0.2-1.5mm
适用材质 Sheet Materials	PP PET PVC PS PLA	PP PET PVC PS PLA	PP PET PVC PS PLA
最大成型面积 Forming Area	450x630mm	730x610mm	730X810
片材宽度 Width of Sheet	350-700mm	400-800mm	400-800mm
上模最大成型深度 Upper Forming Depth	100mm	100mm	100mm
下模最大成型深度 Bottom forming depth	130mm	130mm	130mm
最大速度 Max Speed	40/min	40/min	40/min
加热功率 Heating Power	78KW	125KW	156KW
主电机功率 Main motor Power	4.4kw x4 (three station) 4.4KWx6(four station)	5.5kw x4 (three station) 5.5KWx6(four station)	7.5KWx4 (three station) 7.5KWx6(four station)
送片电机功率 Feeding Motor Power	3kw	4.4kw	4.4kw
拉伸电机功率 Control forming plug Motor Power	3KW	4.4KW	4.4KW
堆垛功率 stacking Motor Power	2.3kw	2.3kw	2.3kw
收卷电机功率 Winding waste of edge sheet motor power	0.55kw	0.55kw	0.55kw
耗气量 Air Consumption	2.5m³/min 0.5-0.8 bar	3.5m³/min 0.5-0.8 bar	4m³/min 0.5-0.8 bar
总功率 Total install power	115kw	160kw	198KW
重量 Weight	8.5T	13 T	15T
整机尺寸 Dimension	8x2.25x2.7m	11mx2.35mx2.7	13.5mx2.35x2.7m

产品范围

Products Range





RS 系列全自动热成型机

RS SERIES FULL AUTOMATIC THERMOFORMING MACHINE



简介 Introduction

本机是我公司全新一代全伺服塑料热成型机，包括送片，拉伸，主机驱动全部采用伺服电机控制。主要生产各种一次性杯子，碗，塑料容器以及各种食品包装，同时也能生产各种医用包装容器，各种其他轻工业塑料包装。相比液压驱动，本机成型更稳定，速度更快。生产更清洁。

This machine is our company's new generation of full servo plastic thermoforming machine, including sheet feeding, stretching, The main engine drive is all controlled by servo motor. Mainly produces all kinds of disposable cups, bowls, Plastic containers and all kinds of food packaging, but also can produce a variety of medical packaging containers, All kinds of other light industrial plastic packaging. Compared with hydraulic drive, this machine is more stable in forming, Faster. Cleaner production.

技术参数 Specification

型号 model	720/350	750/420	780/520	800/500
适用物料 Suitable material	PP PS PET HIPS PLA	PP PS PET HIPS PLA	PP PS PET HIPS PLA	PP PS PET HIPS PLA
模台尺寸 Mold size	720* 350 mm	750*420mm	780*520mm	800*500
成形面积 Forming area	700×300mm	700*350mm	780*460mm	780*480
机器行程 Machine travel	180mm	220mm	220mm	180mm
生产速度 Production speed	15-30 模次 / 分钟 cycle/min	15-30 模次 / 分钟 cycle/min	15-30 模次 / 分钟 cycle/min	15-30 模次 / 分钟 cycle/min
整机重量 Weight	约 5T	6.5T	6.5T	6.5T
外型尺寸 (L×W×H) Dimension	4500×1600×2500mm	4500×1600×2500mm	4500*1600*2500mm	4600*1700*2600mm

产品范围 Products Range



RS 系列单层塑料挤出机

RS SERIES SINGLE LAYER SHEET PLASTIC EXTRUDER



简介 Introduction

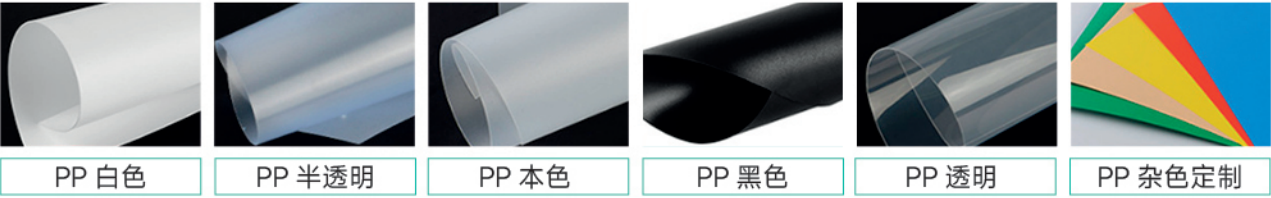
此片材挤出机采用流延挤出设计，是针对薄片片材塑化要求高、混炼均匀、高品质片材而设计的挤出机系列，适合各种产量需求。机器配件全部采用国内外知名品牌，保证了整个生产过程都具有高效率 and 稳定性。应用材料 :PP、HIPS，PE 等塑料片材挤出，用于生产塑料包装制品热成型或印刷产品。

This sheet extruder adopts casting extrusion design, which is designed for high plasticization requirements of sheet, uniform mixing, high-quality sheet and extruder series, suitable for various production requirements. The machine accessories are all made of well-known brands at home and abroad to ensure that the entire production process has high efficiency and stability.Application materials :PP, HIPS, PE and other plastic sheet extrusion, for the production of plastic packaging products thermoforming or printing products.

技术参数 Specification

型号 Model	RS-1000/110	RS-1000/120	RS-1000/130
模头宽度 Die width	1000mm	1000mm	1000mm
适用材料 Applicable materials	PP.PS.PE	PP.PS.PE	PP.PS.PE
制品宽度 Product width	PP,PE:850mm PS:750mm	PP,PE:850mm PS:750mm	PP,PE:850mm PS:750mm
三辊规格 Three roll specification	φ350x1000mmx1 φ450x1000mmx2	φ350x1000mmx1 φ450x1000mmx2	φ350x1000mmx1 φ500x1000mmx2
制品厚度 Product thickness	PP,PE:0.3-2mm PS:0.2-2mm	PP,PE:0.3-2mm PS:0.2-2mm	PP,PE:0.3-2.5mm PS:0.15-2mm
螺杆尺寸 Screw size	φ110 1:32	φ120 1:35	φ130 1:35
主机功率 Main motor power	55kw	132 kw	160 kw
加热功率 Heating power	40kw	45 kw	50 kw
总功率 Total power	100kw	180kw	220kw
流量 water flow	50m³/h	80m³/h	80m³/h
线速 Line speed	15-30m/ 分	15-30m/ 分	15-30m/ 分
产量 Output	150-200kg/h	300-400kg/h	400-500kg/h
设备尺寸 Equipment size	12x1.8x3m	13x1.8x3m	13.5x1.8x3.5m
设备重量 Equipment weight	7500kg	10500kg	12000kg

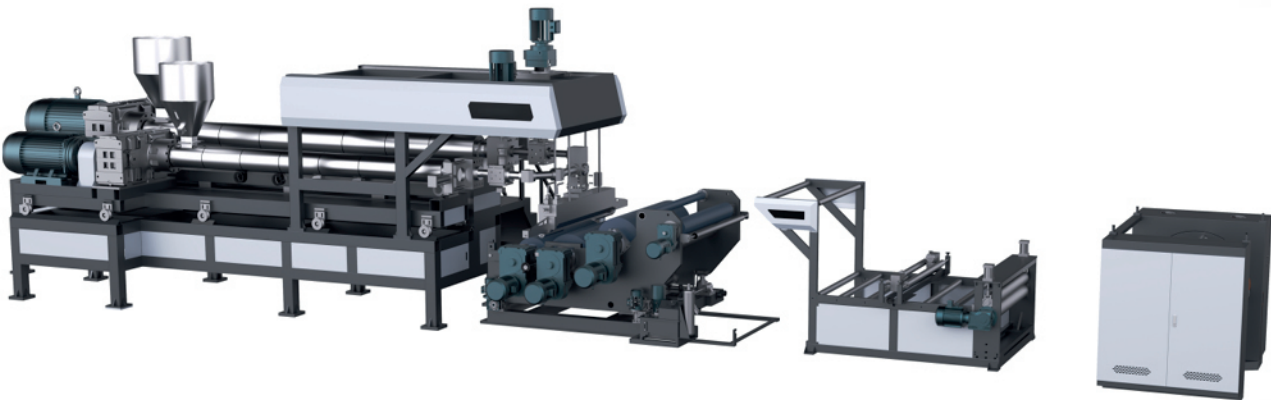
产品范围 Products Range





RS 系列双层塑料片材挤出机

RS SERIES Double Layer Plastic Sheet Extruder



简介 Introduction

此片材挤出机采用流延挤出设计，是针对薄片片材塑化要求高、混炼均匀、高品质片材而设计的挤出机系列，适合各种产量需求。机器配件全部采用国内外知名品牌，保证了整个生产过程都具有高效率 and 稳定性。应用材料 :PP、HIPS， PE 等塑料片材挤出，用于生产塑料包装制品热成型或印刷产品。

This sheet extruder adopts casting extrusion design, which is designed for high plasticization requirements of sheet, uniform mixing, high-quality sheet and extruder series, suitable for various production requirements. The machine accessories are all made of well-known brands at home and abroad to ensure that the entire production process has high efficiency and stability.Application materials :PP, HIPS, PE and other plastic sheet extrusion, for the production of plastic packaging products thermoforming or printing products.

技术参数 Specification

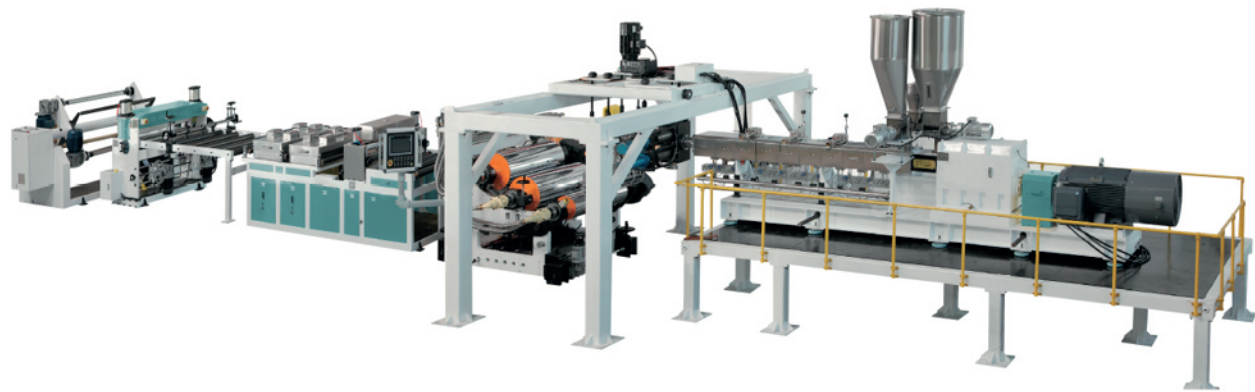
型号 Model	RS-110/65	RS-120/65
模头宽度 Die width	1000mm	1000mm
适用原料 Applicable raw materials	PP,PS,PE	PP,PS,PE
片材宽度 Sheet width	500-880	500-880
三辊尺寸 Three roll size	φ350x1000x1 φ450x1000x2	φ350x1000x1 φ450x1000x2
片材厚度 Sheet thickness	PP,PE:0.3-2mm PS:0.2-2mm	PP,PE:0.3-2mm PS:0.2-2mm
螺杆尺寸 Screw size	φ110/65	φ120/65
总功率 Total power	150kw	230kw
运行功率 Running power	80kw	120kw
线速 Line speed	15-30m/ 分	15-30m/ 分
产量 Output	200kg/h	380kg/h
设备尺寸 Equipment size	12x2.0x2.5m	12x2.0x2.5m
设备重量 Equipment weight	9500kg	14000kg

产品范围 Products Range



RS 系列 PET 片材挤出机

RS SERIES PET SHEET EXTRUDER



简介 Introduction

此片材挤出机采用流延挤出设计，是针对薄片片材塑化要求高、混炼均匀、高品质片材而设计的挤出机系列，适合各种产量需求。机器配件全部采用国内外知名品牌，保证了整个生产过程都具有高效率 and 稳定性。应用材料 :PET.PLA.BIO MATERIAL 等塑料片材挤出，用于生产塑料包装制品热成型或印刷产品。

This sheet extruder adopts casting extrusion design, which is designed for high plasticization requirements of sheet, uniform mixing, high-quality sheet and extruder series, suitable for various production requirements. The machine accessories are all made of well-known brands at home and abroad to ensure that the entire production process has high efficiency and stability. Application materials :PET.PLA.BIO MATERIAL and other plastic sheet extrusion, for the production of plastic packaging products thermoforming or printing products.

技术参数 Specification

型号 Model	RS-1000/75	RS-1000/85
适用原料 Applicable raw materials	PET.PLA.BIO MATERIAL	PET.PLA.BIO MATERIAL
片材宽度 Sheet width	400-850	400-850
片材厚度 Sheet thickness	0.15-1.8mm	0.15-1.8mm
模头宽度 Die width	1000mm	1000mm
螺杆尺寸 Screw size	Φ75mm 1:42	Φ85mm 1:44
三辊尺寸 Three roll size	φ350x1000x1 φ450x1000x2	φ350x1000x1 φ500x1000x2
电机功率 Motor Power	132kw	200kw
总功率 Total power	220kw	320kw
运行功率 Running power	80kw	95kw
线速 Line speed	15-30m/ 分	15-30m/ 分
产量 Output	350-450kg/h	500-650kg/h
设备尺寸 Equipment size	20x2.5x3.8m	20x2.5x3.8m
设备重量 Equipment weight	20000kg	23000kg

产品范围 Products Range





550 型多功能热成型机

550 model Multi Function thermoforming machine



简介 Introduction

Our special design for PP and PS PVC Film. This machine is suitable for any of thermoforms plastic sheet. This Plastic Thermoforming Machine is update according to the mostly development technical, compare with the traditional machine, It can solved many impossible commitment

This Plastic Thermoforming Machine forming and cutting neat and Clear. Cutting Off the product in order. Also good use for PP PS, PET,PVC etc.

Whole machine is mainly made up by four Parts:

Preforming the raw material

Forming the products

Punching

Cutting

stacking the products

技术参数 Specification

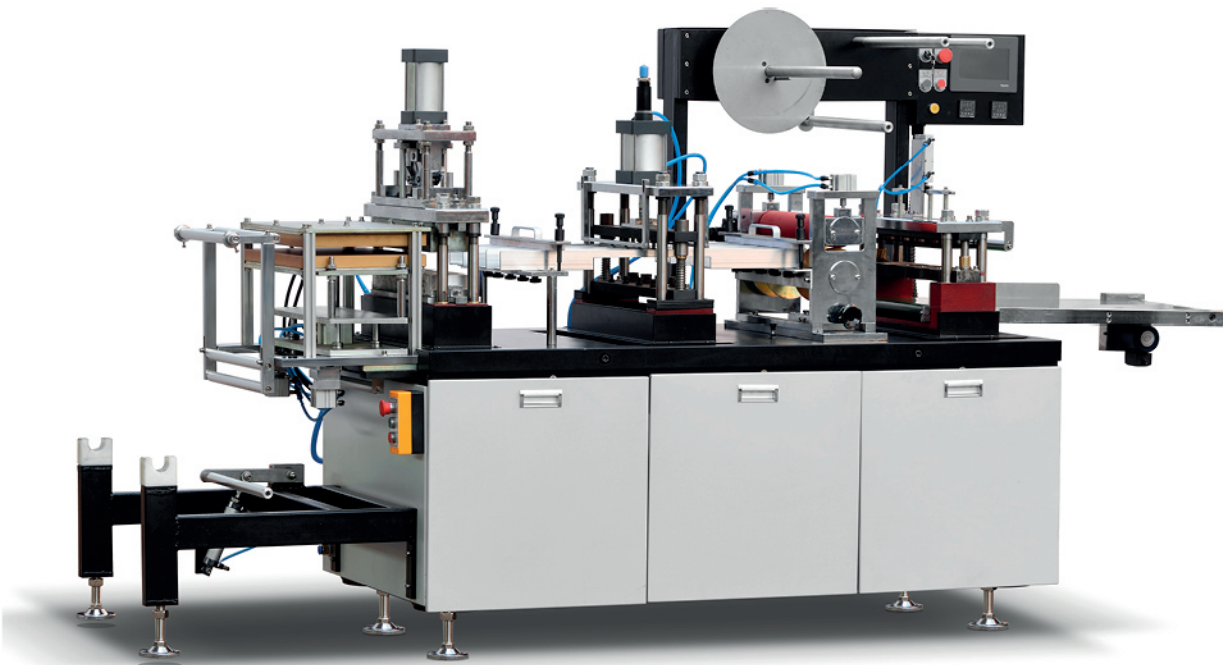
Model No.	550
Cutting cycle	10-24punch/min
Raw Material	PP/PS/PET/PVC/PLA
Forming area	550*350*80mm
Heating Power	65KW
Total Power	380V 50HZ 80KW
Water Consumption	0.3m³/h (Tap water or recycle water)
Air Pressure	0.5-0.8(mpa)
Pressure of water supply	0.2MPa
Dimensions (L×W×H)	5950*1725*1900mm
Area occupied	8700*3600
The maximum diameter of plastic roll	600mm
MAX cutting power	30 ton
Total Weight	5500KG

产品范围 Products Range



RS 系列塑料盖成型机

RS SERIES Plastic Lid Forming Machine



技术参数 | Specification

model	420	450
Cutting Frequency	15--45(times/min)	15--45(times/min)
Power	380v/220v/50HZ	380v/220v/50HZ
Stroke adjustable range	160mm	260mm
Max. Forming Depth	50mm	50mm
Max. Forming Area	420×160mm	450*260mm
Motor Power	4kw	8kw
Consumption	>0.2m3/min	>0.2m3/min
Pressure	0.4--0.7mpa	0.4-0.7mpa
Overall Dimensions	2500x1600x1000mm	2900*1800*1000mm
Weight	1300kg	1800kgs

产品范围 | Products Range

简介 | Introduction

- 1. The machine is designed and manufactured by the standard of "GMP" in medical industry and "QS" in food industry.
- 2. This machine can do forming, punching and cutting at the same time to avoid the cross-contamination of product.
- 3. The forming heating plate can open and close automatically, also can delay to start, so as to control and lower the waste of the material during the production.
- 4. Easy to replace the mould, application to different specifications of products.
- 5. Design the mould according to customer's requirements.
- 6. Applicable projects: the material of HIPS, PVC, PET.

