



Sino/Plast
中 塑 机 械

平阳县中塑机械有限公司
PINGYANG SINOPLAST MACHINERY CO.,LTD

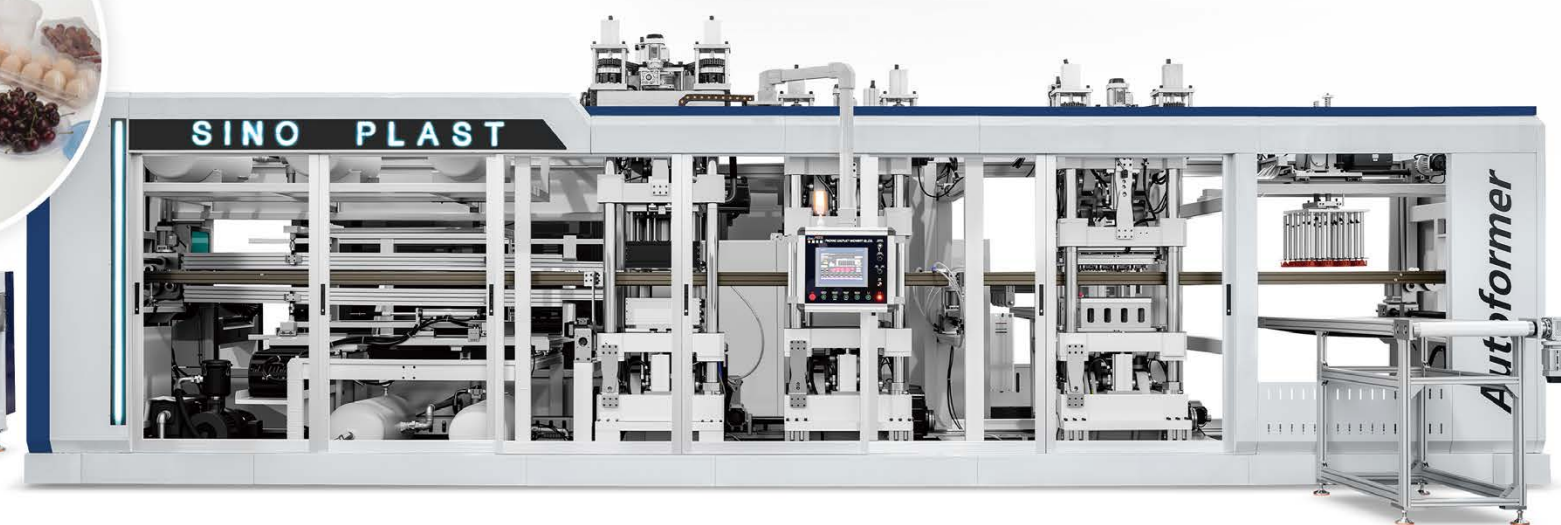
📍 浙江省温州市平阳县海西镇平海大道海西段31号
No. 31, Haixi Section, Pinghai Avenue, Haixi Town, Pingyang County,
Wenzhou City, Zhejiang Province, China

www.sinoplast-cn.com

Sino/Plast
中 塑 机 械

专注塑料片材挤出/成型智能装备制造

**Focus On Plastic
Sheet Extrusion / Thermoforming
Machinery Manufacture**



PINGYANG SINOPLAST MACHINERY CO.,LTD

Take you into a new era of SINOPLAST

带您进入中塑的新时代



50 people

Number of trained employees
拥有已培训员工人数



15 people

Installation and commissioning personnel
拥有安装调试人员



41 country

Exported to many countries and regions
远销多个国家和地区



Focus On Plastic Sheet Extrusion / Thermoforming Machinery Manufacture

专注塑料片材挤出/成型智能装备制造



ABOUT US 关于我们

平阳中塑机械有限公司成立于2013年。我们是一家位于中国的专业塑料机械供应商。我公司专业从事塑料片材挤出生产线、塑料制杯机、全自动多工位热成型机、塑料盖热成型机及模具、辅助设备的研发、生产、销售和服务。我们位于中国浙江省温州市平阳县海西镇平海大道海西段31号。

我公司已通过ISO 9001:2000质量管理体系认证，并持有CE认证和两项国家实用新型专利。我们还拥有一支专业的技术团队，在塑料片材挤出生产线、热成型设备和成型模具方面拥有丰富的经验。我们提供从机器和模具设计到制造、安装、调试和工人培训的全面服务。在市场需求和不断创新的指导下，我们在包装行业和相关领域赢得了高质量和优质服务的声誉。我们的产品在国内和国际上都广受欢迎，包括东南亚、南欧、中东、非洲、南美和中美洲。

在未来几年，公司将专注于提升我们的全自动多工位热成型机和片材挤出生产线的技术能力，旨在为客户提供更多的塑料机械解决方案。我们欢迎所有客户参观我们的工厂，以便未来的交流与合作。

Pingyang Sinoplast Machinery Co., Ltd. was founded in 2013. We are a professional plastic machinery provider based in China. Our company specializes in the research, development, production, sale, and service of plastic sheet extrusion lines, plastic cup making machines, automatic multi-station thermoforming machines, plastic lid thermoforming machines, molds, and auxiliary equipment. We are located at No.31, Haixi Section, Pinghai Avenue, Haixi Town, Pingyang County, Wenzhou City, Zhejiang Province, China

Our company has passed the ISO 9001:2000 Quality Management System certification, and we hold CE certification and two national utility model patents. We also have a professional technician team with extensive experience in plastic sheet extrusion lines, thermoforming equipment, and forming molds. We provide comprehensive services from machine and mold design to manufacture, installation, debugging, and worker training. Guided by market demands and continuous innovation, we have earned a reputation for high quality and excellent service in the packaging industry and related sectors. Our products are well-received both domestically and internationally, including in Southeast Asia, Southern Europe, the Middle East, Africa, South America, and Central America.

In the coming years, the company will focus on advancing the technical capabilities of our automatic multi-station thermoforming machines and sheet extrusion lines, aiming to offer more plastic machine solutions to our customers. We welcome all clients to visit our factory for future communication and cooperation.

我们提供完整的行业解决方案

We provide complete Industry Solutions

Perfect Quality
完美品质

Energy Efficient
高效节能

Innovation
不断创新

4 SERIES
大系列
助力生产
Boost production

塑料片材挤出机
Plastic sheet extruder

塑料热成型机
Plastic Thermoforming Machine

塑料成型模具
Plastic mould

辅助设备
Auxiliary equipment

我们设备
所生产的产品
Products produced by
our equipment

- 塑料杯
- 塑料果盘
- 果冻杯
- 塑料鸡蛋盒
- 塑料碗
- 塑料杯盖

- Plastic Cup
- Plastic Fruit Plate
- Jelly Cup
- Plastic Egg Box
- Plastic Bowl
- Plastic Cup Lid

为什么选择中塑
Why choose SINOPLAST

maintaining annual
maintenance.
800+
家以上客户,
保持常年维护。



Customer satisfaction
99.5%
客户满意度



Answer Customer
Problems Timely

24H

提供技术支持
及时解答客户难题



用优质的技术、产品
为客户提供更好的选择
Use high-quality technology and products
Provide customers with better choices

Long Term Cooperative Brand 长期合作品牌

ABB

MAC

I
INA
A

ELESY®
伊莱斯®

DELTA

YASKAWA

SKF

SEW
EURODRIVE

ELSTEIN

IKO

Schneider
Electric

FESTO

OMRON

SIEMENS



从不同角度反复验证
设备性能进一步提高了生产效率
Repeated verification from different angles
Equipment performance further improves production efficiency

SPM/SPB-780D

全自动四工位经济型热成型机
Four-station Thermoforming Machine

主要描述:

全自动四工位经济型热成型机带有成型-冲孔-切割-堆叠四个工位，由全伺服驱动，提供更加精确与效率的生产。其广泛运用于制造食品或其他行业的塑料包装，如盘子、碗、水果盒、餐盒、鸡蛋托、杯盖等。该机主要适用于PP/PS/PET的热成型塑料片材。

Main Description:

The fully automatic four station economical thermoforming machine has four stations of forming punching cutting stacking, driven by full servo, providing more precise and efficient production. It is widely used in the manufacturing of plastic packaging for food or other industries, such as plates, bowls, fruit boxes, meal boxes, egg trays, cup lids, etc. This machine is mainly suitable for thermoformed plastic sheets of PP/PS/PET.

主要技术参数 Main Technical Parameter

型号	Model	SPM-780D	SPB-780D
工位个数	Station Number	4	4
最大成型面积	Max.Forming Area	780*540MM	780*650MM
最大成型深度	Max.Forming Depth	105MM	
片材原料	Suitable Material	PP/PS/PET	
片材宽度	Sheet Width	550-820MM	
片材厚度	Material Thickness Range	0.15-2MM	
最大片材卷径	Max. Sheet Roll Dia.	1200MM	
运载速度	Running Speed	35-40Cycles/min	
成型工位功率	Forming Station Power	Servo Motor 7 KW*2 pcs	
成型工位拉伸功率	Forming Station Stretching	Servo Motor 3.5 KW	
冲孔工位功率	Hole Punching Station Power	Servo Motor 14 KW	Servo Motor 14 KW
冲切工位功率	Cutting Station Power	Servo Motor 7 KW*2 pcs	
堆叠工位功率	Stacking Station Power	Servo Motor 3.5 KW	
送片伺服	Sheet Feeding Method	Servo Motor 3.5 KW	
耗气量/空气压力	Air Consumption/Air Pressure	3m³/min, 0.6-0.8Mpa	
电压	Power Voltage	380V,50Hz 3P	
机器重量	Approx. Machine Weight	21T	21.5T

SPM/SPB-780E

全自动三工位经济型热成型机
 Three-station Thermoforming Machine

主要描述:

全自动三工位经济型热成型机为成型-切割-堆叠三工位一体，采用四导柱结构，上下两组伺服电机驱动偏心轮连杆结构，分别带动两模台上下运动，运行稳定，噪音低，效率高。这条自动化生产线可以节省人工，节约投资成本，是解决塑料包装问题的最佳选择！

Main Description:

The fully automatic three station economical thermoforming machine integrates forming cutting stacking three stations, adopts a four guide column structure, and is driven by two sets of servo motors on the upper and lower sides to drive the eccentric wheel connecting rod structure, which respectively drives the two mold tables to move up and down, with stable operation, low noise, and high efficiency. This automated production line can save labor and investment costs, making it the best choice to solve plastic packaging problems!

主要技术参数 Main Technical Parameter

型号	Model	SPM-780E	SPB-780E
工位个数	Station Number	3	3
最大成型面积	Max.Forming Area	780*540MM	780*650MM
最大成型深度	Max.Forming Depth	105MM	
片材原料	Suitable Material	PP/PS/PET	
片材宽度	Sheet Width	550-820MM	
片材厚度	Material Thickness Range	0.15-2MM	
最大片材卷径	Max. Sheet Roll Dia.	1200MM	
运载速度	Running Speed	35-40Cycles/min	
成型工位功率	Forming Station Power	Servo Motor 7 KW*2 pcs	
成型工位拉伸功率	Forming station stretching	Servo Motor 3.5 KW	
冲切工位功率	Cutting Station Power	Servo Motor 7 KW*2 pcs	
堆叠工位功率	Stacking Station Power	Servo Motor 3.5 KW	
送片伺服	Sheet Feeding Method	Servo Motor 3.5 KW	
耗气量/空气压力	Air Consumption/Air Pressure	3m³/min, 0.6-0.8Mpa	
电压	Power Voltage	380V,50Hz 3P	
机器重量	Approx. Machine Weight	17T	17.5T

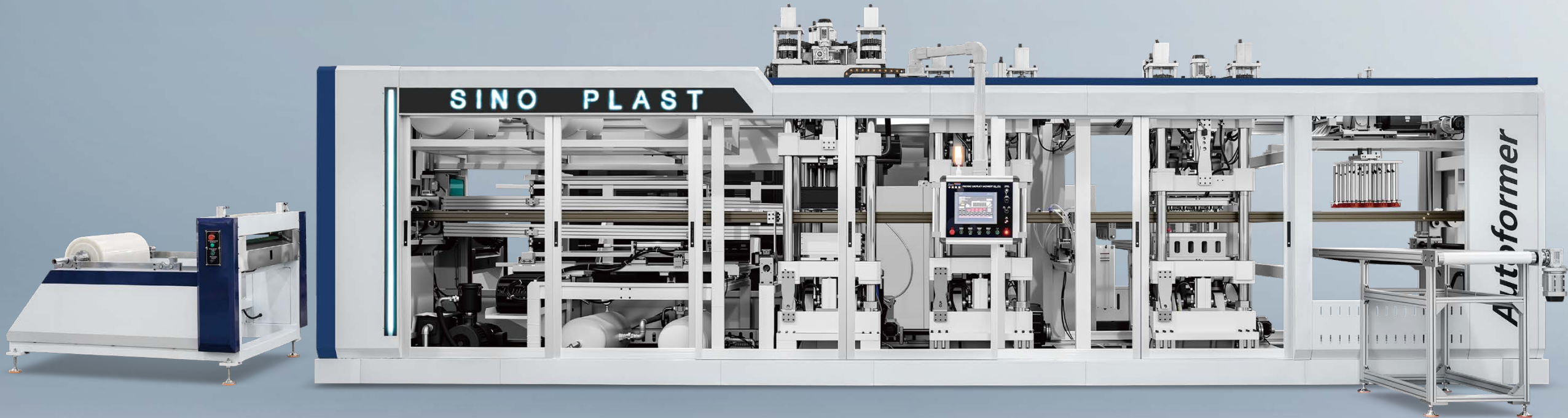


全自动生产
 提高工作效率

Fully automatic production,
 improve work efficiency

SPM/SPB-780G

全自动多工位热成型机
Automatic Muti Stations Thermoforming Machine



节省空间，节省劳动力
经济效益显著提升

Save space, save labor
Significantly improved economic benefitis



主要特点:

- 1. 成型，冲孔，冲剪，堆垛全自动一台机完成。
- 2. 成型工位、冲孔工位、冲剪工位采用上下两组伺服电机控制，驱动偏心轮连杆结构分别带动两模台上下运动
- 3. 机器采用四导柱结构，成型模台运行稳定，精度高。
- 4. 采用伺服电机驱动送片及拉伸成型，驱动精度高，控制方便。
- 5. PLC集成控制，触摸屏数字化显示，控制方便。

Main Features:

- 1. Forming, hole punching, cutting, and stacking are done one one machine automatically.
- 2. The movement of each station adopts eccentric wheels and connection rod to drive, which is driven by two sets of servo motor.
- 3. It adopts four columns structure guarantee high precision plane accuracy of the running mould sets.
- 4. Servo motor drive sheet sending and plug assist which ensure high precision running and easy to control.
- 5. Machine is controlled by PLC with touch screen and easy to operate.

主要技术参数 Main Technical Parameter

型号	Model	SPM/SPB-780G
成型工位	Forming Station	Servo Motor 7 KW*2 pcs
成型拉伸	Forming Stretching	Servo Motor 7 KW
冲孔工位	Punching Station	Servo Motor 7 KW*2 pcs
冲切工位	Cutting Station	Servo Motor 7 KW*2 pcs
送片	Sheet Feeding	Servo Motor 5 KW
堆垛	Stacking Stations	Servo Motor 3.5 KW
工位支撑结构	Station Support Structure	4 Pillars / 4柱
上下加热烘箱组	Upper and lower oven heating zone	Top 13*10, bottom 13*10 (ELSTEIN HEATING ELEMENT) 上部13*10，底部13*10（ELSTEIN加热元件）
加热箱运行路径	Way of oven movement	Left and right 左右
链条冷却方式	Chain cooling Method	Aluminum sandwich water cooling 铝夹芯水冷
润滑和加油方式	Lubricating and refueling mode	Central automatic lubrication 中央控制自动润滑
控制方式	Control mode	PLC and touch screen control PLC和触摸屏控制
最大成型面积	Maximum Forming Area	780 x 540MM
最大成型深度	Maximum Forming Depth	140 MM
工位个数	Number Of Stations	4
运载速度	Running Speed	20 - 45 Times/min
工位运行方式	Station-driven Mode	Siemens Servo Motor/西门子伺服电机
适用材料	Available Material	PET,PP,PS,PLA
片材宽度	Sheet Width	500-820 mm
片材厚度	Available Sheet Thickness	0.15-2.5 mm
最大片材卷径	Sheet Maximum Roll Diameter	1200 mm
电压	Voltage	Tri-phase, 380V/50HZ.
总功率	Total Power	220KW Installed power 装机功率/ 50-60KW Operating power 正常工作功率

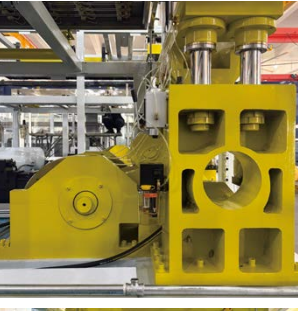
SPE/SPS-760 Series

塑料制杯机
 Plastic cup making machine



主要技术参数 Main Technical Parameter

型号	Model	SPE-760B	SPE-760D	SPS-760E
最大成型面积	Max. Forming Area	780*320mm	780*450mm	780*540mm
最大成型深度	Max. Forming Depth	160mm (Can special design可以定制)		
例子	Example	Cup Top Dia.=75mm, 24cavities/mold	Cup Top Dia.=75mm, 32-40cavities/mold	
生产速度	Running Speed	15-32 cycles/min(according to sheet thickness, material used and product shape)		
片材厚薄	Sheet Thickness	0.20 - 2.5 mm		
适用材料	Suitable Material	PP/PS/PET		
下模台驱动方式	Lower Mold Movement	15KW Servomotor 伺服电机		22KW Servomotor 伺服电机
温控方式	Temperature Control Method	Temperature Controller and Temperature Control Module温控仪+调压模块		
耗气量	Air Consumption	1.3-1.6m³/min, 0.6-0.8Mpa		
送片方式	Sheet Feeding Method	4KW Servomotor 伺服电机		
拉伸方式	Plug Stretching Method	7.5KW Servomotor 伺服电机		11KW Servomotor 伺服电机
机器重量	Approx. Weight	8000KG	9000KG	10000KG

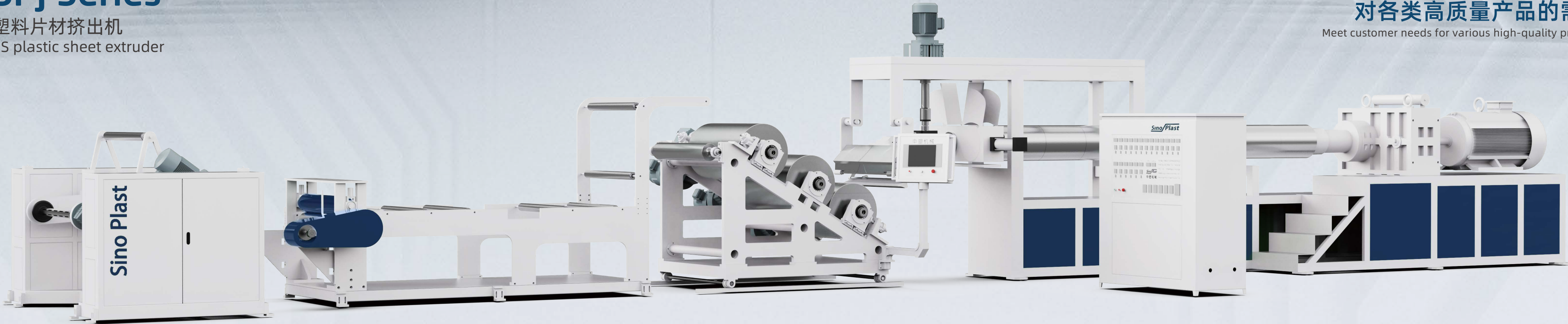


确保每一个
 细节的精度
 Ensure the accuracy of every detail

SPJ Series

塑料片材挤出机
PS plastic sheet extruder

满足客户
对各类高质量产品的需求
Meet customer needs for various high-quality products



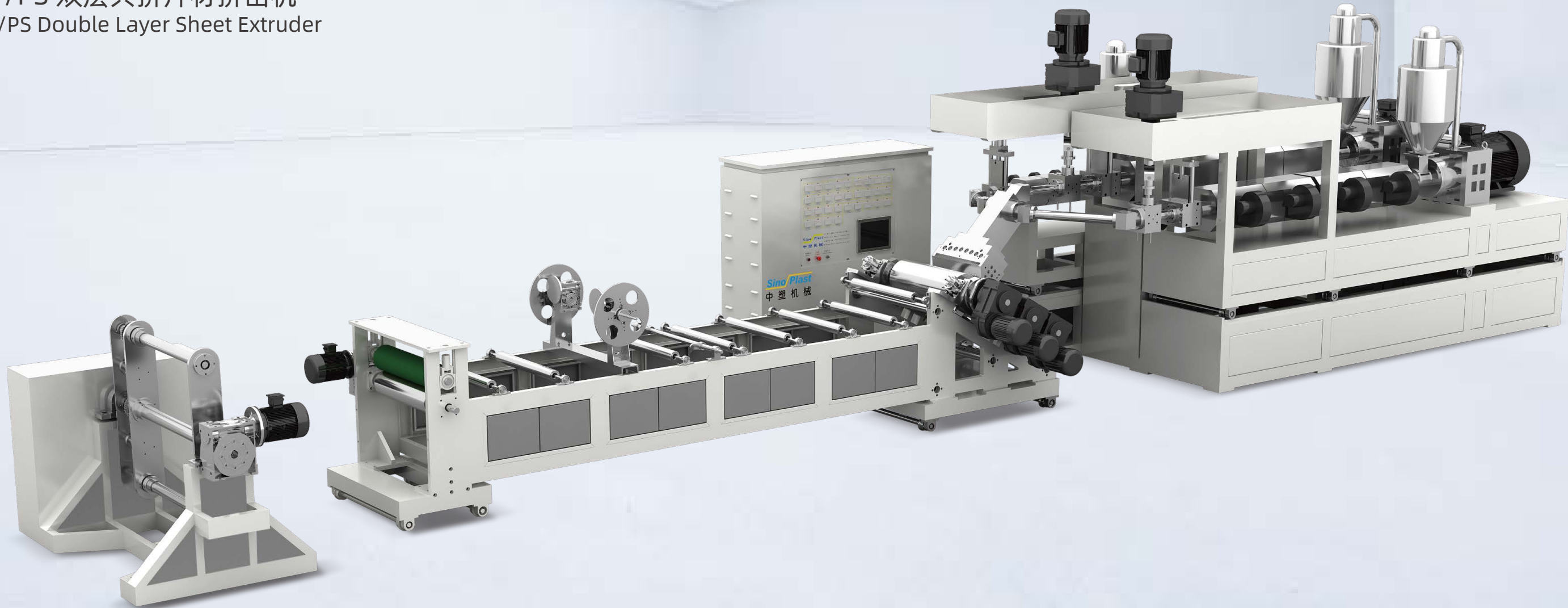
主要技术参数 Main Technical Parameter

型号	Model	SPJ-110/33-900	SPJ-120/33-900	SPJ-130/33-900
适用材料	Suitable Material	PP/PS/PE/PP+Calcium Carbonate		
片材厚薄	Sheet Thickness	0.3-2mm		
模头宽度	Die Width	900mm (Can be customized)	900mm (Can be customized)	900mm (Can be customized)
螺杆直径	Screw	110mm	120mm	130mm
电机	Motor	55KW	90KW	132KW

型号	Model	SPJ-110/33-900	SPJ-120/33-900	SPJ-130/33-900
压延辊尺寸	Size Of Calander Roller	400×950mm (Can be customized)	450×950mm (Can be customized)	550×950mm (Can be customized)
大致产量	Approx. Output	200kg/hr	300-320kg/hr	380-400kg/hr
机器重量	Machine Weight	7000KG	7400KG	8000KG
机器尺寸	Machine Dimension	12x1.2x2.2M	13.5X1.25X2.3M	14.5X1.25X2.3M

SPM-110/80-900

PP/PS 双层共挤片材挤出机
PP/PS Double Layer Sheet Extruder



完善技术
成就优秀作品
Improve technology and
achieve outstanding works



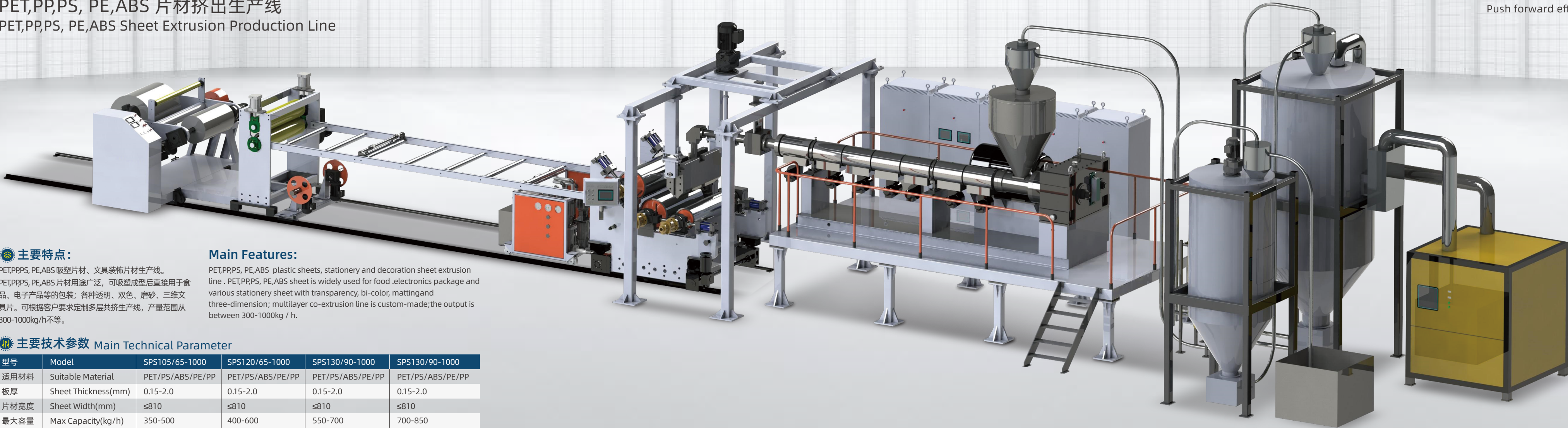
主要技术参数 Main Technical Parameter

型号	Model	SPM-110/80-900
适用材料	Suitable Material	PP / PS / PE / PP+Calcium Carbonate
模头宽度	Die Width	900mm
片材厚薄	Thickness Of Sheet	0.3-2.0mm
厚薄误差	Tolerance Of Thickness	±0.01mm
主机螺杆	Screw Of #1 Extruder	Φ110mm (L/D: 33:1) 长径比: 33:1
副机螺杆	Screw Of #2 Extruder	Φ80mm (L/D: 33:1) 长径比: 33:1
主机电机功率	Motor Power Of #1 Extruder	55KW
副机电机功率	Motor Power Of #2 Extruder	37KW
三辊尺寸	Size Of Calander Roller	Φ400×950mm
产量	Approx. Output	300kg/hr (≥0.5mm)
机器尺寸	Machine Dimension	13500×1450×2300mm
机器重量	Weight	7500 KG

SPS-1000 Series

PET,PP,PS, PE,ABS 片材挤出生产线
PET,PP,PS, PE,ABS Sheet Extrusion Production Line

高效
推动前进的步伐
Push forward efficiently



主要特点：
PET,PP,PS, PE,ABS 吸塑片材、文具装饰片材生产线。
PET,PP,PS, PE,ABS 片材用途广泛，可吸塑成型后直接用于食品、电子产品等的包装；各种透明、双色、磨砂、三维文具片。可根据客户要求定制多层共挤生产线，产量范围从300-1000kg/h不等。

Main Features:
PET,PP,PS, PE,ABS plastic sheets, stationery and decoration sheet extrusion line . PET,PP,PS, PE,ABS sheet is widely used for food .electronics package and various stationery sheet with transparency, bi-color, mattingand three-dimension; multilayer co-extrusion line is custom-made;the output is between 300-1000kg / h.

主要技术参数 Main Technical Parameter

型号	Model	SPS105/65-1000	SPS120/65-1000	SPS130/90-1000	SPS130/90-1000
适用材料	Suitable Material	PET/PS/ABS/PE/PP	PET/PS/ABS/PE/PP	PET/PS/ABS/PE/PP	PET/PS/ABS/PE/PP
板厚	Sheet Thickness(mm)	0.15-2.0	0.15-2.0	0.15-2.0	0.15-2.0
片材宽度	Sheet Width(mm)	≤810	≤810	≤810	≤810
最大容量	Max Capacity(kg/h)	350-500	400-600	550-700	700-850

备注.以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

SP-6180

全自动塑料杯印刷机
Automatic Plastic Cup Printing Machine



主要技术参数 Main Technical Parameter

型号	Model	SP-6180
色组	Printing Color	6 Units
杯子材料	Applicable Cup Material	PP/PS/PET/PVC
杯子高度	Cup Height	50-180mm
杯子口径	Cup Diameter	Φ30-Φ95mm
印刷口径 (4段橡皮)	Printing Diameter (4 Segments of Blanket)	Φ30-Φ95mm
印刷口径 (2段橡皮)	Printing Diameter (2 Segments of Blanket)	Φ30-Φ168mm
印刷高度	Printing Height	160mm
印刷角度	Printing Angle	12°

型号	Model	SP-6180
印刷速度	Printing Speed	200-350pcs/min
主电机功率	Main Motor Power	7.5KW
总功率	Total Power	19KW
耗气量	Air Consumption	80 m3/hr
电压	Power Supply	3HP 380V±10V 50HZ
机器外形尺寸	Machine Dimension	6500x2600x2750mm
机器重量	Machine Weight	6.2T

SP550

全自动杯盖成型机
Automatic Lid Thermoforming Machine



主要技术参数 Main Technical Parameter

型号	Model	SP550
冲切速度	Cutting cycle	10-40punch/min
适用材料	Available Material	PP/PS/PET/PVC/PLA
成型面积	Forming area	550*350*80mm
加热功率	Heating Power	Top heater 上加热瓦 43kw, Bottom heater 下加热瓦 41 kw
总功率	Total Power	380V 50HZ / 97KW
耗水量	Water Consumption	0.3m³/h (Tap water or recycle water)

型号	Model	SP550
气压	Air Pressure	0.5-0.8(mpa)
供水压强	Pressure of water supply	0.2MPa
机器尺寸	Dimensions (L×W×H)	5950*1725*1900mm
占地面积	Area occupied	8700*3600
卷材最大直径	The maximum diameter of plastic roll	700mm
重量	Total Weight	5500KG

其它配套设备

Other supporting equipment



▲ 皮带理杯机

Belt Type Automatic Cup Stacking Machine



▲ 孔板理杯机

Hole Type Automatic Cup Stacking Machine



▲ 卷边机

Plastic Cup Rim Curling Machine



▲ 点数包装机

Automatic Cup Counting & Packing Machine



▲ 螺杆空压机

Screw Air Compressor



▲ 粉碎机

Crusher



▲ 冷水机

Cooling Chiller



▲ 机械手

Robotic Arm



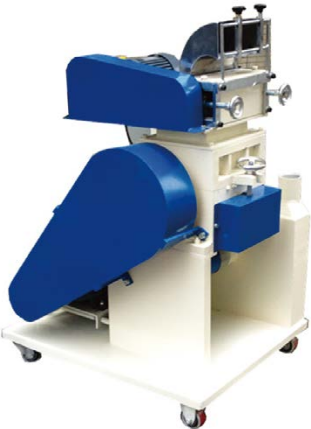
▲ 预热箱

Preheating Machine



▲ 成型机在线粉碎机

Online Crusher For Thermoforming Machine



▲ 片材机在线粉碎机

Online Crusher For Sheet Extruder



▲ 自动上料储料桶

Automatic feeding and storage tank



▲ 搅拌机

Mixer



▲ 冷水塔

Water Cooling Tower



▲ 储气罐

Air Tank

配套设备,助力高效生产

Supporting equipment to help efficient production