



昇洋機械股份有限公司  
SHENG YANG MACHINERY CO., LTD.



## 塑膠回收造粒機 PLASTIC RECYCLING PELLETIZER

SY-HPF三機一體薄膜回收造粒機  
SY-HPF FILMS RECYCLING EXTRUDER WITH AGGLOMERATED TANK

SY-HPD雙段型子母車塑料回收再生造粒機  
SY-HPD TWO SECTION TYPE RECYCLING EXTRUDER

SY-HSF粉碎片及薄膜回收造粒機  
SY-HSF SCRAP & FILM RECYCLING EXTRUDER

SY-HPA高產能染色、複合材料、回收造粒機  
SY-HPA HIGH OUTPUT COLORING & COMPOUNDING & RECYCLING EXTRUDER

# SY-HPF

## 三機一體薄膜回收造粒機 Films recycling extruder with agglomerated tank

### 三機一體結合了粉碎、押出和造粒

SY-HPF Integrates shredding, extruding and pelletizing into one machine.

### 節能、節省空間、高效率、簡易操作

Energy saving、Space saving、Efficiency improvement、Easy operation.

### 齒輪箱：採用本公司自己設計之高精度、高轉速、高扭力齒輪箱

採用強制潤滑冷卻方式來潤滑冷卻齒輪及軸承。

在高速運轉時，平穩不震動，而且無噪音，齒輪及軸承壽命更長

Gear box：using our own design of high precision, high speed, high torque of gear box.

Lubrication of gear is by means of lubricant spray. It is stable and without vibration when at high speed running, and no noise. Gear box is cooling with forced lubrication, and keep long life.

### 螺桿依不同之塑料做不同之設計，且經過特殊表面處理，壽命長、效率高

Screw design according to different material, and a special treatment, long life and high efficiency.

### 料管之設計採用透氣孔裝置，亦可加裝真空脫氣裝置

Barrel design uses degassing unit. but it can be installed vacuum degassing vent according.

### 料管冷卻方式：風冷卻

Cooling method：air-cooled.



規格Description \ 型號Model SY-HPF65 SY-HPF85 SY-HPF100 SY-HPF120 SY-HPF150 SY-HPF180

規格Description \ 型號Model	SY-HPF65	SY-HPF85	SY-HPF100	SY-HPF120	SY-HPF150	SY-HPF180
產量 Output (MAX) PE 廠內乾淨料回收 Factory's PE clean recycling material	150~190	250~300	400~500	500~700	700~800	800~1000
PP 廠內乾淨料回收 Factory's PP clean recycling material	80~150	200~250	350~400	450~550	600~700	750~850

單位UNIT：kgs/hr

/ 昇洋保留機械規格及材質之修改權力，恕不再另行通知

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### 一段式押出機：適用乾淨回收料

One stage extruder is used for clean recycling material.

### 兩段式押出機：適用於骯髒回收料(已清洗回收料)

Two stage extruder are used for dirty recycling material (recycled materials has been cleaned).

### 適用原料 Application

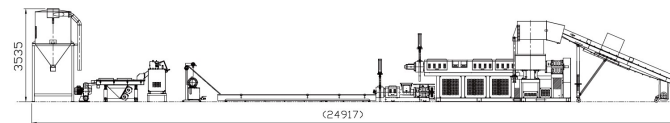
Film of HDPE/LLDPE/LDPE/PP/PET/PA、Yarns of HDPE/LLDPE/LDPE/PP、Net of PA/PP/PE、Agriculture film、Green house film、PP woven bag、PP non-woven.

### 製程 Process

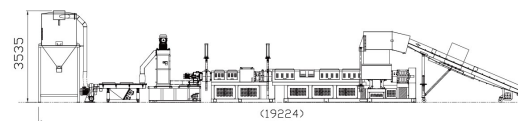


### 製粒系統 Pelletizing Systems

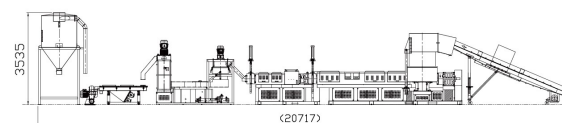
#### 拉條 Strand pelletizer Example SY-HPF120



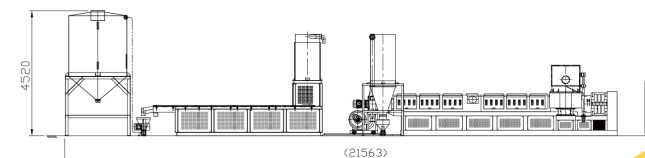
#### 臥式模頭水環切 Horizontal type die face water ring pelletizer Example SY-HPF120



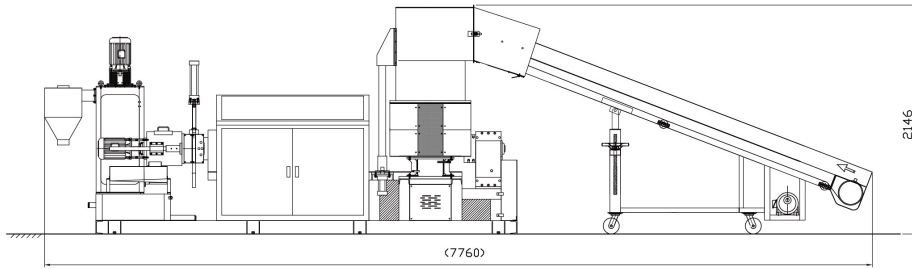
#### 立式模頭水環切 (PP用) Vertical type die face water ring pelletizer Example SY-HPF120



#### 模頭風冷切 Die face air cooling pelletizer Example SY-HPF180



**SY-HPF65 三機一體薄膜回收造粒機**  
**Films recycling extruder with agglomerated tank**



**製粒系統：臥式模頭水環切**

Pelletizing Systems : Horizontal type die face water ring pelletizer.

**SY-HPF65 適用於廠內回收，特別適合吹袋廠回收廠內不良品或邊料**

SY-HPF65 is available for inside factory's waste material recycling. Specially use for Blowing film manufacturer to recycle their defect and waste material.

**適用原料：薄膜**

Application : Film.

**PE廠內乾淨料回收料-產量(MAX)：150~190kgs/hr**

Factory's PE clean recycling material- Output(MAX) : 150~190kgs/hr.

**押出量僅供參考**

Output is just for reference only.

**適用原料 Application**

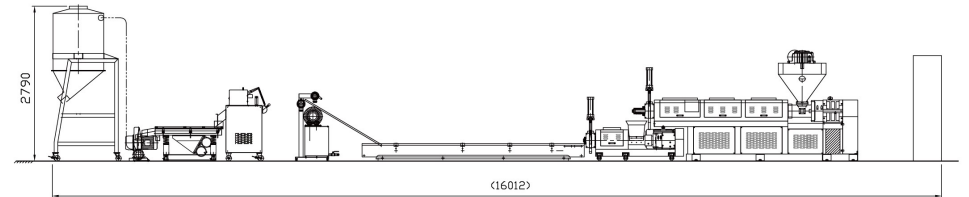
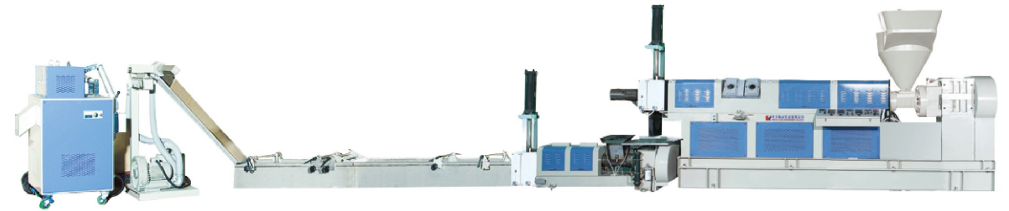
ABS、PS、PP、HDPE、LDPE、LLDPE、PC、PA、PET、PMMA、PSP、EPS、BOPP、PA+GF etc.

**入料方式：一般漏斗適用於粉碎料 / 加壓漏斗適用於薄膜和薄片**

Feeding type :  
 General hopper : Suitable for Scrap / Forced hopper : Suitable for Film and Flake.

**製粒系統：拉條 / 臥式模頭水環切**

Pelletizing Systems : Strand pelletizer / Horizontal type die face water ring pelletizer.



Example SY-HPD85

規格Description \ 型號Model		SY-HPD85	SY-HPD100	SY-HPD120	SY-HPD150	SY-HPD180
產量 Output(MAX)	薄膜 Film	150~200	250~300	350~450	550~650	700~800
	粉碎料 Scrap	250~300	350~450	500~650	700~850	900~1000

單位UNIT : kgs/hr

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# SY-HSF

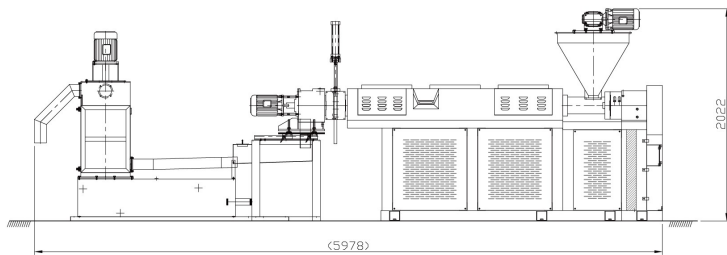
## 粉碎片及薄膜回收造粒機

### Scrap & Film recycling extruder

型號 / Model

## SY-HSF65

製粒系統：模頭水環切  
Pelletizing Systems :  
Die face water ring pelletizer



SY-HSF65 適用於廠內回收，特別適合吹袋廠回收廠內不良品或邊料  
SY-HSF65 is available for inside factory's waste material recycling.  
Specially use for Blowing film manufacturer to recycle their defect and waste material.

該機型可回收乾或濕的薄膜及粉碎料  
Wet or dry material can be recycle through this extruder.

適用原料 Application  
HDPE/LLDPE/LDPE/PP Scrap、HDPE/LLDPE/LDPE/PP Film.

廠內乾淨料回收料-產量(MAX)：70~120kgs/hr  
Factory's clean recycling material- Output(MAX)：70~120kgs/hr.

押出量僅供參考  
Output is just for reference only.

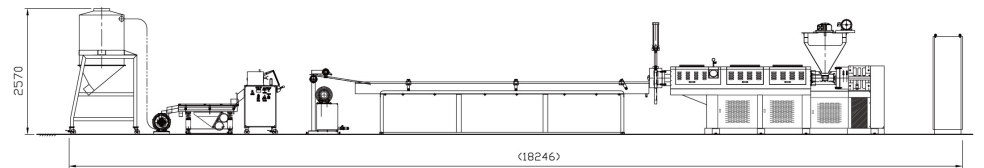
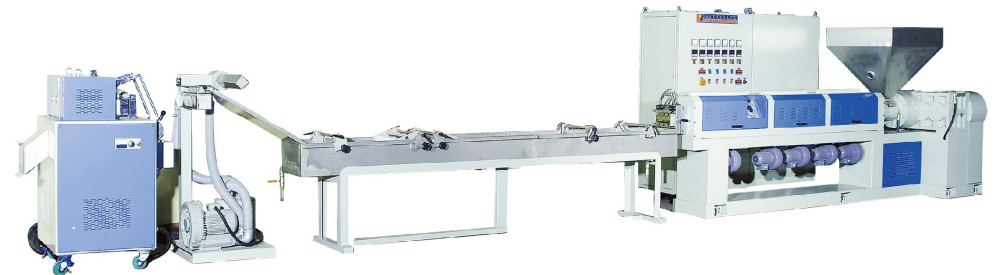
# SY-HPA

## 高產能染色、複合材料、回收造粒機

### High output coloring & compounding & recycling extruder

適用各種塑料之染色、複合材料及乾淨塑料之再生造粒  
For the coloring compound, composite materials and clean the recycled plastic granules.

適用原料 Application  
ABS、PP、PE、PS、IPS、PC、PC/ABS、POM、PMMA、PBT、PA、ET、EVA、TPR、TPE、  
ABS + GF、PP + CaCO3、PP + TALC、PP + TiO2 etc.



Example SY-HPA100

規格Description \ 型號Model	SY-HPA85	SY-HPA100	SY-HPA120
產量 Output(MAX)	250~350	300~500	450~650

單位UNIT：kgs/hr

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