



塑膠廢料回收機系列

Extruder and Equipment for Plastics Recycling



www.sheet.com.tw

SINCE 1970 峻泰機械工業股份有限公司 CHUN TAI MACHINERY INDUSTRIES CO., LTD.
43354 台中市沙鹿區沙田路 15-3 號 No. 15-3, Sha Tien Rd., Sha Lu Dist, Taichung City, Taiwan
TEL: +886-4-26352211 FAX: +886-4-26353668 E-mail: Chuntai@sheet.com.tw



PC.PE.PP.PS.ABS.PET.PVC.PC 回收製粒及工程塑膠製程,水中切粒等
Design for preprocessing and recycling of thermoplastics,
PC.PE.PP.PS.ABS and PET as well as engineering plastics

特點 Features

1. 三機一體的回收設備，結合了粉碎機、押出機與製粒機的三種功能。
 2. 針對工廠廢料回收製粒。
 3. 模頭切粒可省去人工拉條的人力成本，無水槽裝置，擺設空間較小。
 4. 可另購
 - (1) 真空幫浦：將油氣和多餘水份排出，適用印刷、發泡、清洗等塑料。
 - (2) 金屬檢出器：可防止大塊金屬被粉碎設備粉碎，增加後續分離難度，並同時保護機械設備。
1. Three-in-one recycling facility combines shredder, extruder and pelletizer functionalities.
2. Designed to recycle pellets from factory waste.
3. Die head cutting saves manual feeding costs while the sink-less design minimizes footprint.
4. Optional accessories:
 - (1) vacuum pump: expels gas fumes and excess moisture; suitable for printing, foaming, and cleaning related moulding material.
 - (2) metal detector: can prevent large metal pieces from being crushed by the shredder, causing further separation difficulties; also serves to protect the machinery.



CT-130HAW
CT-160HAW
CT-180HAW

薄膜三機一體單押出機(模頭製粒)

Plastic Film Recycling Machine (Die-face Cutting)

薄膜三機一體(碎膜-押出-製粒) BOPP和LLDPE/LDPE/HDPE回收系統.特點:高產量，適合工廠廢料。
3 Working Step In One (Shredding-extrusion-pelletizing)
System For BOPP and LLDPE/LDPE/HDPE Films Recycling.



特點 Features

1. 三機一體的回收設備，結合了粉碎機、押出機與製粒機的三種功能。
 2. 針對水洗廢料與回收廠廢料回收製粒，雙脫氣與雙過濾模頭，減少水氣，增加清潔度。
 3. 模頭切粒可省去人工拉條的人力成本，無水槽裝置，擺設空間較小。
 4. 可另購
 - (1) 真空幫浦：將油氣和多餘水份排出，適用印刷、發泡、清洗等塑料。
 - (2) 金屬檢出器：可防止大塊金屬被粉碎設備粉碎，增加後續分離難度，並同時保護機械設備。
1. Three-in-one recycling facility combines grinder, extruder and pelletizer functionalities.
2. To help recycle pellets from bulk washers and recycling facilities, its dual deaeration, dual filtering die head reduces moisture and enhances cleanliness.
3. Die head cutting saves manual feeding costs while the sink-less design minimizes footprint.
4. Optional accessories:
 - (1) vacuum pump: expels gas fumes and excess moisture; suitable for printing, foaming, and cleaning related moulding material .
 - (2) metal detector: can prevent large metal pieces from being crushed by the shredder, causing further separation difficulties; also serves to protect the machinery.

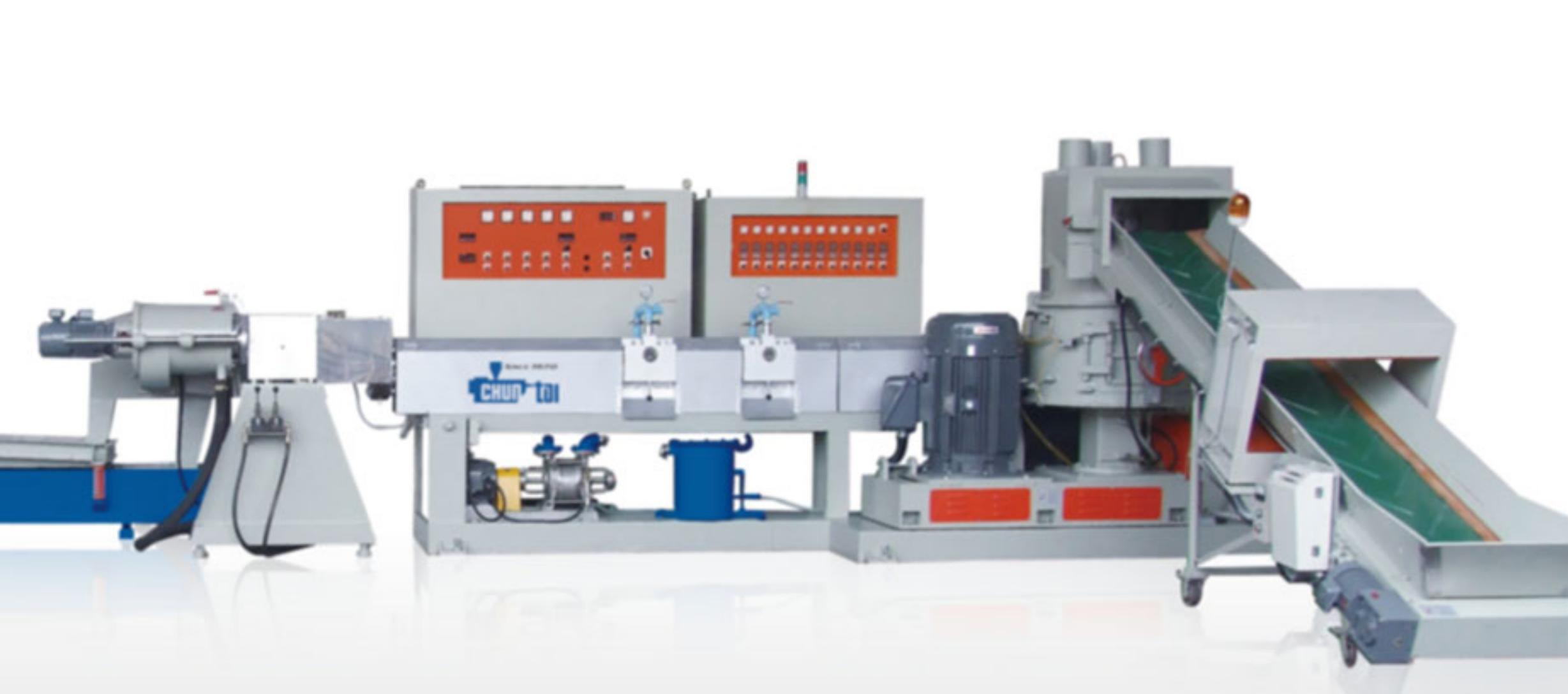
CT-HDCW SERIES**薄膜三機一體子母型押出機(模頭製粒)****2 Stages Plastic Film Recycling Machine (Die-face Cutting)****薄膜三機一體(碎膜-押出-製粒) BOPP和LLDPE/LDPE/HDPE回收系統.特點:針對清洗廢料。****3 Working Step In One (Shredding-extrusion-pelletizing)
System For BOPP and LLDPE/LDPE/HDPE Films Recycling.**

特點 Features

三機一體(碎膜-押出-製粒)BOPP和PE-LD / HD薄膜回收系統

1. 三機一體的回收設備，結合了粉碎機、押出機與製粒機的三種功能。
2. 回收料在粉碎機中，進行乾燥、加溫平均混煉再通過濾網過濾，押出後再切粒，最後完成造粒。可另購
 (1) 真空幫浦：將油氣和多餘水份排出，適用印刷、發泡、清洗等塑料。
 (2) 金屬檢出器：可防止大塊金屬被粉碎設備粉碎，壞加後續分離難度，並同時保護機械設備。

1. Three-in-one recycling facility combines grinder, extruder and pelletizer functionalities.
2. Recycling material gets dried, heated, mixed, kneaded, and filtered in the grinder, then gets squeezed out, cut, and pelletized. Optional accessories:
 (1) vacuum pump: expels gas fumes and excess moisture; suitable for printing, foaming, and cleaning related moulding material.
 (2) metal detector: can prevent large metal pieces from being crushed by the shredder, causing further separation difficulties; also serves to protect the machinery.

**CT-HAW SERIES****三機一體單押出機(模頭製粒)****Single Screw Plastic Film Recycling Machine**

三機一體(碎膜-押出-製粒) BOPP和PE-LD/HD薄膜回收系統.特點:針對小型工廠廢料。

3 Working Step In One (Shredding-extrusion-pelletizing)
System For BOPP and PE-LD/HD Films Recycling.

特點 Features

1. 將塑料倒入密練機攪拌均勻後，倒入雙腕餵料機內，擠入造粒機，經螺桿擠出後切成粒子。
2. 使用旋轉刀盤，進行風冷式熱切，使粒子均勻。
3. 使用雙層旋風冷卻桶冷卻品，此機台針對複合塑膠原料製粒。如：PVC, EVA, TPR, TPE, TPU, CaCO₃等塑膠原料。

1. Pour the plastic material into the internal mixer, get it mixed, and pour into the Feeder. Squeeze the output into the pelletizer, let the spiral shaft force it out, and cut it into pellets.
2. Use the rotary head for air cooled heat cutting that evens out the pellets.
3. Use a dual fan cooling bin to cool the product. This unit is designed to pelletize composite plastics including PVC, EVA, TPR, TPE, TPU, CaCO₃, and so forth.

CT-TPR SERIES

TPU, TPE, TPR, EVA, PVC, CaCO₃ 利拿型製粒機(風環製粒)
Air Cooling Pelletizer (Die-Face Cutting)

特點 Features

1. 水中製粒是一套塑膠製粒的切粒系統，它特別是針對熱塑性塑膠，彈性體的切粒系統，尤其特別適合應用於熔融溫度低黏度高，不容易以過水冷卻方式製粒的原料，是一種高效率，易操作的製粒系統。
 2. 使用水中製粒設備之膠粒尺寸均勻對稱，並可應用於微粒(Micro-pellets)膠粒之製造。
1. Underwater pelletizing is a cutting system for pelletizing plastic. This cutting system targets heat moulded plastics and flexible material, and is especially suitable for low melting point, high viscosity, and not easily water-cooled material. It is highly efficient easy to operate pelletizing system.
2. Pellets produced through underwater pelletization are evenly shaped and sized, meaning the process is suitable for micro-pellet production.

CT-TW SERIES**水中製粒押出機****Underwater Pelletizer**

針對高粘性高流動指數塑膠原料回收製粒 PET, PP, PU, PC, ABS.

Specific Recycling Pelletizer for High Viscosity and High MFI Plastic Resin PET, PP, PU, PC and ABS.



特點 Features

1. 三機一體的回收設備，結合了粉碎機、押出機與製粒機的三種功能。
2. 針對水洗廢料與回收廠廢料回收製粒，雙脫氣與雙過濾模頭，減少水氣，增加清潔度。
3. 可另購
 - (1) 真空幫浦，將油氣和多餘水份排出，適用印刷、發泡、清洗等塑料。
 - (2) 金屬檢出器，可防止大塊金屬被粉碎設備粉碎，增加後續分離難度，並同時保護機械設備。
1. Three-in-one recycling facility combines grinder, extruder and pelletizer functionalities.
2. To help recycle pellets from bulk washers and recycling facilities, its dual deaeration, dual filtering die head reduces moisture and enhances cleanliness.
3. Optional accessories:
 - (1) vacuum pump: expels gas fumes and excess moisture; suitable for printing, foaming, and cleaning related moulding material.
 - (2) metal detector: can prevent large metal pieces from being crushed by the shredder, causing further separation difficulties; also serves to protect the machinery.

**CT-HSPH SERIES****薄膜三機一體子母型回收製粒機(拉條製粒)****2 Stages Plastic Film Recycling Machine (Strand Cutting)**

薄膜三機一體(碎膜-押出-製粒) 適合CPP, PP絲和LDPE/HDPE回收系統。
3 Working Step In One (Shredding-extrusion-pelletizing)
System For CPP, PP Yarn and LDPE/HDPE Films Recycling.



特點 Features

塑膠回收系統

1. 大容量廢料暫存桶，可延長儲料時間。
2. 側面螺旋強制入料。

特點：

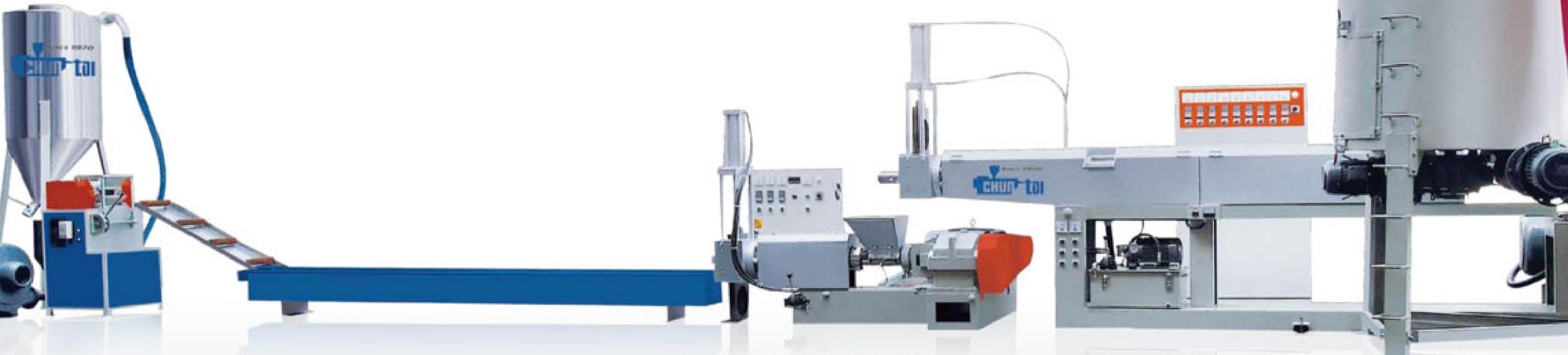
雙脫氣、雙過濾模頭，適合多樣化的廢料回收製粒(可另購真空抽氣設備)。

Plastic Recycling System

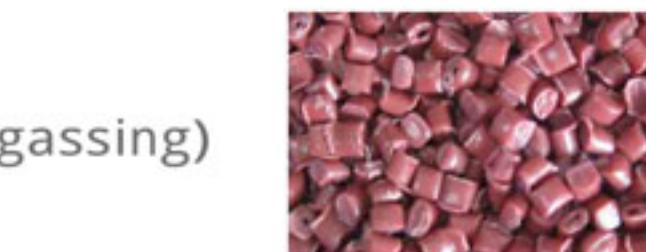
1. Large capacity waste storage bin lengthens storage period.
2. Side loading spiral shaft force feeds material inside.

Feature:

Dual deaeration, dual filtering die head suits various waste recycle pelletizing needs (may additionally purchase the vacuum-based air extraction module).

CT-SPH-B SERIES**側邊供料雙脫氣子母型押出機(拉條製粒)**

2 Stages Plastic Recycling Machine (Side Feeding and Dual Degassing)



特點 Features

塑膠回收系統

特點：

1. 使用傳統強制入料。
2. 雙脫氣、雙過濾模頭，適合多樣化的廢料回收製粒(可另購真空抽氣設備)。

Plastic Recycling System

Feature:

1. Use traditional force feeding.
2. Dual deaeration, dual filtering die head suits various waste recycle pelletizing needs (may additionally purchase the vacuum-based air extraction module).

**CT-SPH SERIES****強制押料雙脫氣子母型押出機(拉條製粒)**

2 Stages Plastic Recycling Machine (Force Feeding and Dual Degassing)



特點 Features

快速粉碎，吞量大、效率高，粉碎能力強，可從小瓶罐到20加侖大桶均可粉碎，尺寸大小可依客戶需求更換篩網。
產量：20~2000 KG/HR
可依客戶需求加購隔音箱。

Quick, high capacity, high efficiency, high power grinder grinds anything from small bottles to 20 gallon barrels. Client may achieve desired post grind sizing through filter switching.
Production Capacity: 20~2000 KG/HR
Client may additionally purchase sound enclosure facility.

**CT-25C. 30C. 40C
CT-15A. 20A. 25A. 30A. 40A.**

**粉碎機**

Plastic Crusher / Grinder

**特點 Features**

清洗薄膜擠壓後，水份控制5%以下。
產量：300~500KG/HR

Films Moisture Content Less Than 5%
After Squeezer.
Capacity : 300~500KG/HR

**CT-60SD SERIES
CT-300SE**

**擠乾機**

Squeezer / Squeezing Pelletizer

