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Full Commitment in Achieving a Lucrative Joint Harvest

用心投入，合力豐收





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Partico Machinery Inc.
is a professional manufacturer
and developer of the
thermoplastic recycling
machine in Taiwan.

禾豐機械股份有限公司，是專精於熱塑性
塑料回收設備的台灣研發製造商。

ABOUT PARTICO

關於禾豐



Partico is convinced that a circular economy system which uses high-tech recycling engineering to recycle and reuse plastic waste can effectively reduce the impact of plastic pollution on the environment, thereby achieving a balance between manufacturing and ecology; a win-win situation for all as well as sustainable co-existence. To accelerate the operation of a circular economy, Partico serves the global market with its PP/PE/PET pelletizer recycling machine through its rich experience in the recycling supply chain, its understanding of the various applications of different material properties and its keen observation of the market.

禾豐相信，藉由高科技的回收工程，將廢塑料導入回收再利用的循環經濟系統，可有效降低廢塑對環境的污染，同時達到製造與生態的平衡，具體實現多贏共生的永續生機。為能加速循環經濟的運作，禾豐在回收生產鏈累積豐富經驗，掌握物料的多元應用特性，以及敏銳的市場觀察力，以PP/PE/PET回收造粒設備服務全球市場。



Dedication to R&D, Competent Expertise

We are dedicated to R&D in acquiring higher levels of achievement. To maintain our position as a leading manufacturer of plastic recycling equipment, we have enhanced our professional expertise by honing our skills from manufacture to application.

堅持研發，成就專業

我們堅持研發，致力達到一個更高的水準。為了位居塑料回收再生設備的領導地位，從應用端到製造端的淬鍊中蓄積能量，成就專業！

HF-FTO 3 in 1 SERIES

3 in 1 Extrusions Pelletizing

三合一塑膠廢料再生製粒機



HF-FTO series

Mainly apply to fluffy recycled plastic scrap, washing and pelletizing field, it could be a tailor made recycled processing solution for customers.

With regards to the different features of materials, including film, fiber, sheets recycling, and we supply high output single screw recycling line equipped with forced feeding unit. In addition, we can design different production lines to solve each of your problems.

主要應用於蓬鬆的廢塑膠回收，經由破碎、擠出過濾、造粒，為客戶提供客製化的廢塑膠回收解決方案。依物料特性差異，包括了針對薄膜、纖維、粉碎塊料、粉碎片材回收再利用，要求高產量的強制入料規劃單螺桿造粒生產線，以符合客戶生產需求為目標。

Type 型號	Output 產能 / 每小時	Shredding 切碎機	Extruder 押出機
FTO-55	40-70 KG/HR	15-18 KW	18-30 KW
FTO-75	100-180 KG/HR	30-37 KW	30-45 KW
FTO-90	250-320 KG/HR	45-55 KW	55-75 KW
FTO-105	350-450 KG/HR	55-75 KW	90-110 KW
FTO-125	520-650 KG/HR	75-90 KW	150-187 KW
FTO-145	650-850 KG/HR	90-110 KW	225-260 KW
FTO-165	900-1100 KG/HR	110-130 KW	260-300 KW



PP Non-woven fabric / PP不織布原料



PE washing and squeezing dry film / PE膜水洗擠乾料



PE film / PE膜



PET film roll / PET膜



PE foaming and crushing edge material / PE發泡粉碎邊料



PE crushing tablets / PE粉碎片

Applications:

- PET Film, PET Bottle Chip, Chemical Fiber
- PA Nylon Fiber
- PE / LLDPE / LDPE / HDPE Film
- Foam Material (Non-chemical Cross-linking)
- PP / BOPP Film PP Woven Bag, Non-woven Cloth, Plastic Strips, Fishing Nets
- PET膜PET瓶碎片、化學纖維
- PA尼龍纖維
- PE / LLDPE / LDPE / HDPE膜
- 發泡材料(非化學交聯)
- PP / BOPP薄膜PP編織袋、無紡布、塑料條、漁網

HF-FTO VACUUM SERIES

PET Extrusions Pelletizing line

PET押出製粒設備



HF-FTO VACUUM series

The subject machine line (machine system) is mainly applied to the processing of PET crushed chips recycled from PET bottles. By means of vacuum degassing system to remove the water and impurities, then go through the melting extrusion, filtering and granulating process to tailor made the complete PET recycling solutions for you.

此機型主要應用於PET瓶片粉碎料，藉由真空系統來抽除水份與不純物，減少水份對PET加工時的影響，經過熔融押出、過濾、造粒，為您打造最完整的造粒方案。



PET Flakes / PET瓶片

Type 型號	Output 產能 / 每小時	Diameter 螺桿直徑	Shredding 切碎機	Extruder 押出機
FTO-135V	600-750 KG/HR	135 mm	90-110 KW	150-187 KW
FTO-150V	800-1000 KG/HR	150 mm	110-130 KW	187-225 KW
FTO-165V	1000-1200 KG/HR	165 mm	130-150KW	300-337 KW

HF-TS SERIES

Pelletizing Extrusions (Twin Screw)

雙螺桿押出製粒設備



HF-TS series

Mainly apply in the thermal polymer compounding field, and we offer customized compounding solutions for any requests.

We supply the twin screw compound process with an appropriate dosing system in order to create a high quality output, and we can design a production line to meet the needs of customers based on the differences of materials.

主要應用於熱塑性聚合物混料領域，並對於任何要求提供客製化的混料解決方案。我們在雙螺桿混料加工上提供適合的計量添加系統，以便創造高品質的輸出，我們也可以針對不同的材料，設計滿足客戶要求的回收造粒生產線。

Type 型號	Output 產能/每小時	Screw Diameter 螺桿直徑	Extruder 押出機
TS-30	15-50 KG/HR	30 mm	7.5-18 KW
TS-41	120-220 KG/HR	41 mm	56-93 KW
TS-57	230-500 KG/HR	57 mm	93-225 KW
TS-76	350-750 KG/HR	76 mm	130-260 KW
TS-91	750-1200 KG/HR	91 mm	260-370 KW

HF-S SERIES

Pelletizing Extrusions (Single Screw)

單螺桿押出製粒設備



HF-S series

Mainly apply in the thermal polymer compounding field, and we can design a product ion line to meet the needs of customers in the pelletizing, plate, film, and pipe extrusion.

廣泛應用於各類熱塑性塑膠擠出加工成型，可搭配客戶加工需求規劃設計，於造粒、製板、製模、製管領域運用。

Type 型號	Output 產能/每小時	Screw Diameter 螺桿直徑	Motor 主機馬達
S-40	30-50 KG/HR	40 mm	15-22 KW
S-55	30-60 KG/HR	55 mm	22-37 KW
S-75	100-160 KG/HR	75 mm	45-56 KW
S-90	200-300 KG/HR	90 mm	75-112 KW
S-105	300-400 KG/HR	105 mm	90-130 KW
S-125	500-600 KG/HR	125 mm	150-187 KW
S-145	600-800 KG/HR	145 mm	225-300 KW
S-165	1000-1150 KG/HR	165 mm	300-375 KW

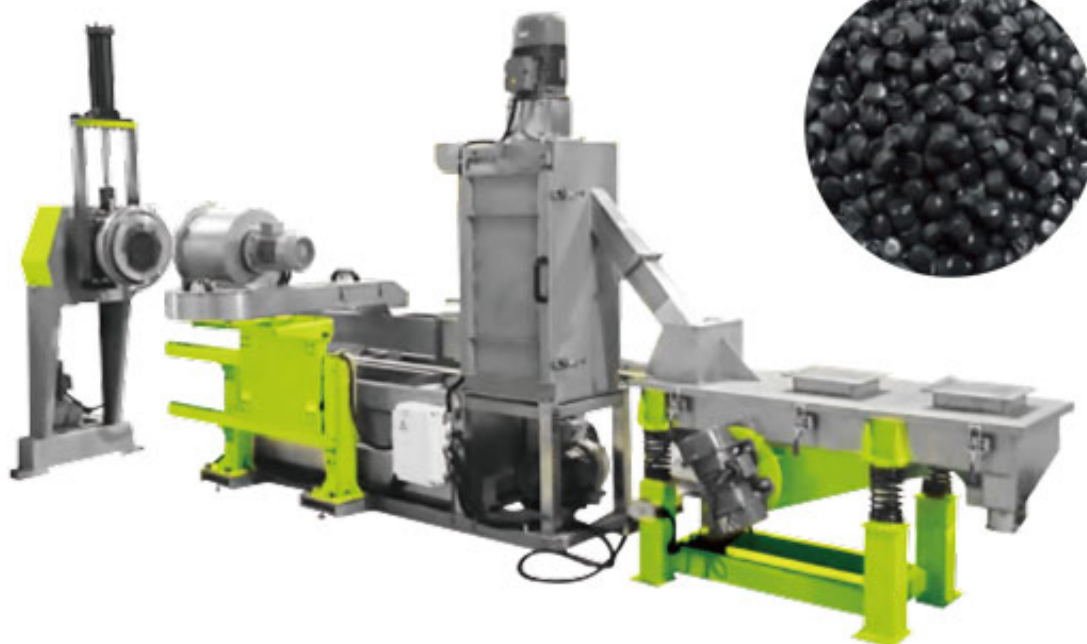
Granulation System

切粒系統

Water Ring 水環(模面)

Mainly used for plastic materials such as LDPE, HDPE, PP etc.

主要用於LDPE、HDPE、PP等塑料。



Pelletizer 切粒機

Suitable for most plastic materials.

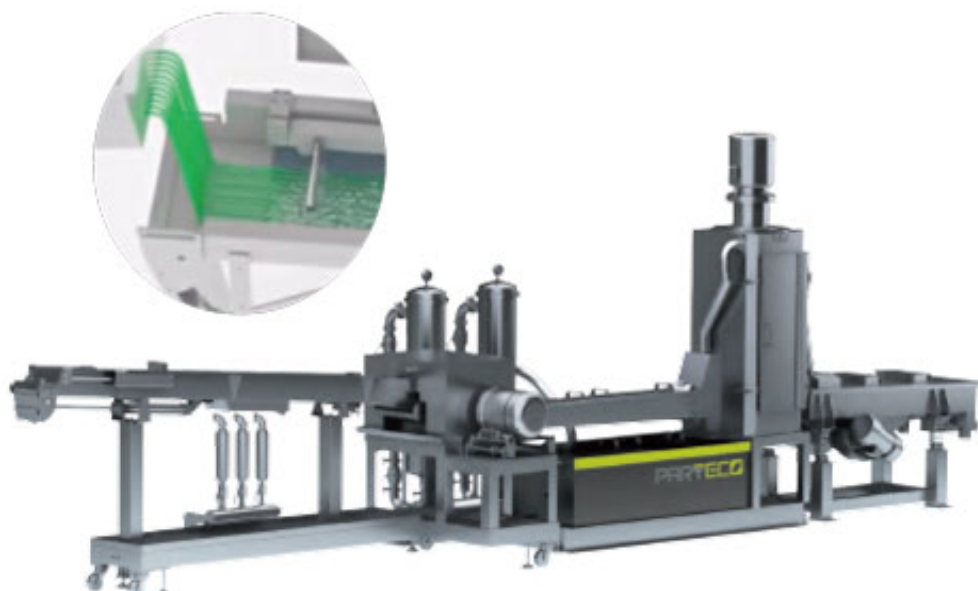
大部份塑料都適用



Flow Channel 水下流道

Mainly used for plastic materials such as PET, PA, PC etc.

主要用於PET、PA、PC等塑料。



Underwater 水下(模面)

Mainly used for plastic materials such as PP, TPU, TPR, TPE etc.

主要用於PP、TPU、TPR、TPE等塑料。



Filtering System

過濾設備

Back Flush 反洗式



Double Plates 雙板



Double Pistons 雙柱





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