

水環(模面)  
Water ring



PE FLAKES

水下(模面)  
Underwater



TPE-E



## 公司簡介 Company Introduction

禾豐機械是一家各類熱塑性塑膠擠出造粒設備專業製造公司，致力於高分子材料改性設備系統，廢塑膠回收再生設備系統的研發製造。可為客戶提供客製化熱塑性塑膠擠出成型生產、塑膠雙螺桿改性生產、塑膠回收清洗再生造粒生產系統整合的創新企業。我們的技術團隊憑藉自身的設計、開發、製造經驗，無論是從產品的外觀還是產品的性能都超越同行，同時公司擁有專業的售後服務，無論是國內客戶還是國外客戶，我們均可到使用者工廠進行維護服務。

Partico Machinery is a professional manufacturing company specialized in the pelletizing extrusions of various applications such as thermal extrusion equipment system, polymer compounding extrusion, and recycled pelletizing equipment. We are a creative and innovative company and we offer customers several customized processing systems, such as thermal plastic extrusion production, twin screw compounding production, plastic recycling, washing and pelletizing all-in-one system.

Furthermore, our technical team excels at self-design, developing and has a lot of experience in manufacturing. Compared to others, our machine lines are outstanding in no matter the machine layouts or functional features. Meanwhile, we provide a professional after-sales service to our customers from all over the world.

禾豐機械股份有限公司  
Partico Machinery, Inc.

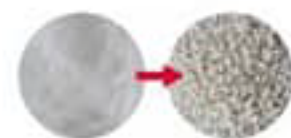
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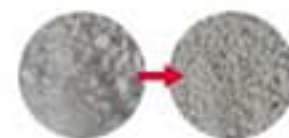
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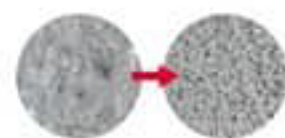
## 切粒系統 Granulating system



PA66/PA6 YARN



PET BLOCK + CHEMICAL FIBER



PET FLAKES



水下流道  
Flow channel



切粒機  
Pelletizer

## HF-FTO 3 in 1 系列:三合一押出製粒設備

### HF-FTO 3 in 1 SERIES: 3 in 1 Pelletizing Extrusion



#### 適用材料

Applications

PET 瓶蓋/薄片/纖維/廢布  
PA6/66 尼龍 纖維/廢布  
PE/LLDPE/LDPE/HDPE 薄膜/碎片  
PP 薄膜/編織袋/不織布/塑膠繩/漁網/碎片

PET film/bottle flake/chemical fiber/dish  
PA6/66 nylon fiber  
PE/LLDPE/LDPE/HDPE film/flake  
PP film/woven bag/non-woven fabric/  
plastic strap/fishing net/flake

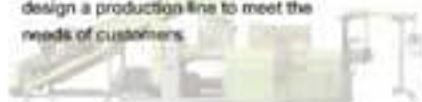
#### 規格表

Specification Table

TYPE	Output	Shredding	Extruder
FTO-50	70-110KG/HR	15-18KW	22-37KW
FTO-75	140-220KG/HR	30-37KW	45-55KW
FTO-90	200-300KG/HR	45-55KW	75-112KW
FTO-105	430-520KG/HR	55-79KW	81-130KW
FTO-125	600-750KG/HR	75-90KW	110-147KW
FTO-145	800-950KG/HR	90-112KW	225-300KW
FTO-165	1000-1300KG/HR	110-132KW	300-375KW

#### HF-FTO series

Mainly apply to shred, filter and pelletize the fluffy recycled plastic, which could be a customized recycled processing solution for any request. According to the differences of materials (film, fiber, flake and shredded sheets), we supply the single-screw pelletizer equipped with forced feeding unit to create a high output. Therefore, we can design a production line to meet the needs of customers.



## HF-TS 系列:雙螺桿押出製粒設備

### HF-S SERIES: Pelletizing Extrusions (Twin Screw)



#### HF-TS 系列:

主要應用於熱塑性高分子材料改性領域，為客戶提供客製化的雙螺桿擠出設備，針對物料特性差異，提供適合的計量添加系統，達成特殊材料改性生產要求，符合差異化產品高品質的雙螺桿擠出生產要求。

#### 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.

#### 適用材料

Applications

PET/PA/PS/ABS/PEEK  
PE/LLDPE/LDPE/HDPE  
PP/BOPP/TPU/TPE/TPV/TPR/RUBBER/  
FEP/SMA

#### 規格表

Specification Table

TYPE	Output	Extruder
TS-30	15-25KG/HR	7.5-18KW
TS-40	120-200KG/HR	90-90KW
TS-50	210-300KG/HR	45-225KW
TS-70	350-750KG/HR	130-260KW
TS-90	750-1200KG/HR	380-370KW

## HF-S 系列:單螺桿押出製粒設備

### HF-S SERIES: Pelletizing Extrusions (Single Screw)



#### HF-S 系列:

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、製膜、製管領域運用。

#### HF-S series

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

#### 適用材料

Applications

PET/PA/PS/ABS/PEEK  
PE/LLDPE/LDPE/HDPE  
PP/BOPP/TPU/TPE/TPV/TPR/  
RUBBER/FEP/SMA

#### 規格表

Specification Table

TYPE	Output	Extruder
S-40	30-50KG/HR	15-22KW
S-55	60-90KG/HR	22-37KW
S-75	150-200KG/HR	45-55KW
S-90	280-380KG/HR	75-112KW
S-105	380-480KG/HR	90-130KW
S-125	580-790KG/HR	130-187KW
S-145	750-900KG/HR	225-300KW
S-165	1000-1150KG/HR	300-375KW



## 選配套件

options



雙板 Double plates



反洗式 Back flush

#### 優勢

Advantages

生產過程中進行不停機濾網更換動作，配備4個可拆卸傾斜板，增加過濾面積，提升過濾效率，降低濾網材料成本，減少濾網更換率節省人工成本，特殊流道設計，引氣卸分體，濾後過濾網以上舉子，濾後即可透過反洗專用設備，可將濾網與正常生產原料同時置於出料口。

## 過濾設備

filtering system



雙柱 Double pistons



Non-stop screen-changer system to keep the production operate while replacing the filter plate. With 4 removable-honeycombed plate to increase the leached area and efficiency.

Decrease the consumption cost and the frequency of filter-change to save the labor cost. The special passageway design can drain material off individually and purge contaminants by the filter. Due to the filtration through specified passageway, the backflush screen change system is purging and expelling the dirty material simultaneously.