

Complete Production Line for  
Large Volume Profile Extrusion

大型押出生產設備 / 門板、中空板、發泡板等

***TwinScrew***<sup>®</sup>

The Pioneer of Twin-Screw Extruders



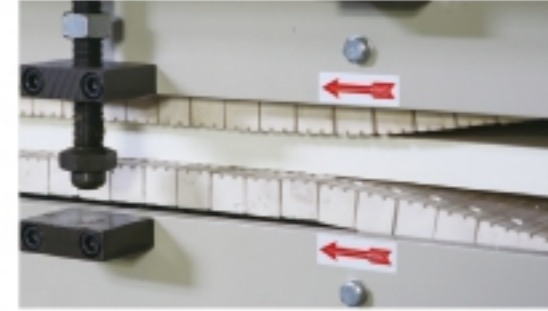
# Complete Production Line for Large Volume Profile Extrusion

大型押出生產設備/門板、中空板、發泡板等

LARGE VOLUME PROFILE: DOOR PANEL, FOAMED PVC SHEET, HOLLOW ROOFING, CORRUGATED SHEET.



Saw  
切斷機



Profile Caterpillar Haul-off  
履帶式引取機

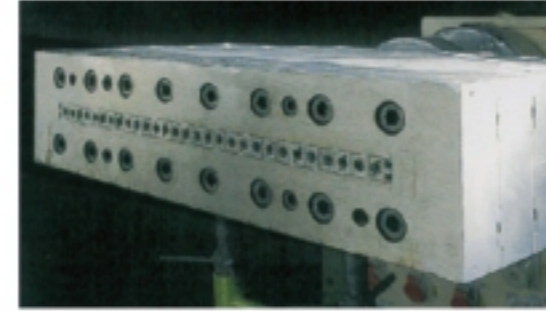


Calibrating System

- Calibration is mounted on a common base plate.
- Sectional calibrating methods with sufficient number of vacuum and cooling water connection.
- Especially for calibrating of extruded hollow profiles and foamed profiles.

### 校準系統

- 校準是安裝在一個共同的基片。
- 剖校準方法具有足夠數目的真空和冷卻水的連接。
- 特別是用於校準的中空擠壓型材和發泡型材。



Extrusion Tool

Extrusion die is designed segment type by stainless steel alloy and regulated through proper heating zones.

### 擠壓工具

擠壓模具是由不銹鋼合金設計段類型，並通過適當的加熱區域調節。



Operation Control System

- Tradition operation-control type
- PC Base machine operation

### 操作控制系統

- 傳統操作控制系統
- 人機介面微電腦控制系統

### Twin Screw Extruder

- With two parallel counter-rotating screws for the palletizing.
- Reduction and torque-distribution unit with hardened, ground shafts and gear.
- Long service life for the processing units due to lower specific drive energy.
- Increased process reliability due to modern control technology.
- Easy maintenance and service.

### 押出主機

- 平行異向雙螺桿押出。
- 精密研磨及硬化熱處理耐磨的齒輪減速箱。
- 低耗能高壽命的裝置藝術優質設備。
- 駕馭精密靈敏的控制系統及技術，以獲得可靠穩定的製程。
- 容易維修及保養的體貼設計。

# Operation Control System



## 操作控制系統

### PC Base Machine Operation 人機介面微電腦控制系統

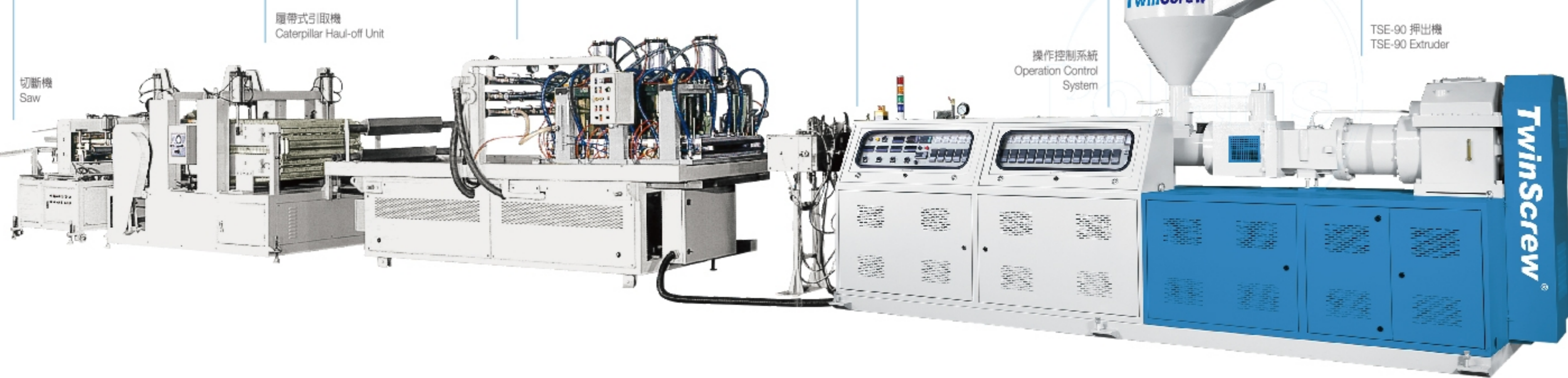
M Series plastic machine controller

1. Motor interlock function
2. 12 Zones PID temperature control (Optional 24 zones) oil cooling, blower cooling control
3. PLC ladder logic program
4. Alarm record function
5. Chinese / English language change

M 型押出機控制器面板

1. 馬達連鎖功能
2. 12段PID溫度控制(可擴張至24段), 油冷、風冷、冷卻控制
3. PLC語言程序控制
4. 警報紀錄功能
5. 中/英文語言切換

### Tradition Operation-control Type 傳統操作控制系統



切斷機  
Saw

履帶式引取機  
Caterpillar Haul-off Unit

操作控制系統  
Operation Control System

TSE-90 押出機  
TSE-90 Extruder

TYPE	TSE-75	TSE-90	TSE-110	TSE-130
SCREWDIA	Ø75 mm	Ø90 mm	Ø107 mm	Ø132 mm
L / D	25:1	25:1	25:1	25:1
DRIVE POWER	40 HP	75 HP	100 HP	125 HP
SCREW R.P.M	42	42	42	42
BARREL HEATER POWER	27 KW	37 KW	48 KW	79 KW
TOTAL POWER	64 KW	90 KW	130 KW	205 KW
MAX OUTPUT	200-300 kg/hr	300-500 kg/hr	500-700 kg/hr	950-1200 kg/hr
L x W x H (mm)	3960 x 1400 x 2360	4670 x 1590 x 2420	5140 x 1750 x 2480	6380 x 2260 x 2700
WEIGHT (kg)	3600	4400	6700	9500

\* Specifications and standard equipment are subject to change without notification. Depending on product, material and demanded output.

\* 規範及設備內容若有變更，恕不另行通知。根據產品、物料和要求的擠出量而定。





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Polaris

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