



Twin Screw PVC Single Line Rigid Pipe
Making Machine

PVC 雙螺桿押出單管生產設備

TwinScrew[®]
The Pioneer of Twin-Screw Extruders

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The Parallel twin screw extruder has newly developed for its technologies in UPVC Pipe extruded by increasing in the drive torques and innovative solutions to problems in plasticising, screw thermoregulation by self-regulating, sealed water cooling system, vacuum scavenging system and melt pressure control.

在UPVC硬管生產領域，我們推薦螺桿更長的押出機，來達到更好的塑化能力及產能。最新的平行雙螺桿押出機應用發展的趨勢是提供更強的驅動系統，更大的馬達輸出扭力，使用更長徑比的螺桿，使塑料有更佳的塑化能力；螺桿牙形的設計，除了要提供塑料更佳的塑化能力外，還要有自清的功能，良好的溫度控制系統，以真空抽氣脫氣系統，以抽取雜質廢氣，以提供更佳的塑化產品。



Vacuum Sizing Sleeve / 成型模

參數	RAW MATERIAL APPLICABLE	SUITABLE PIPE DIA	PRODUCTION CAPACITY
型號	使用原料	適用管徑	押出產能
TSE-75-RP-S	PVC compounding / PVC 配合粉	60, 75, 90, 110, 140, 160 mm	150 ~ 300 kg/hr
TSE-90-RP-S	PVC compounding / PVC 配合粉	90, 110, 140, 160, 200 mm	300 ~ 450 kg/hr
TSE-90-RP-S	PVC compounding / PVC 配合粉	160, 200, 250, 315, 400 mm	300 ~ 450 kg/hr
TSE-130-RP-S	PVC compounding / PVC 配合粉	400, 450, 500, 560, 630 mm	800 ~ 1000 kg/hr

Pipe diameter from 60 to 630 mm, PVC管徑從φ 60 mm-φ 630 mm

Operation Control System

操作控制系統

TYPE	TSE-75	TSE-90	TSE-110	TSE-130
SCREWDIA	Ø 75 mm	Ø 90 mm	Ø 107 mm	Ø 132 mm
L / D	25:1	25:1	25:1	25:1
DRIVE POWER	40 HP	75 HP	100 HP	150 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	960~1200 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. * 規格及設備內容若變更，恕不另行通知。* 根據產品、物料和要求的產出量而定。



Automatic Belling Machine
自動放口機



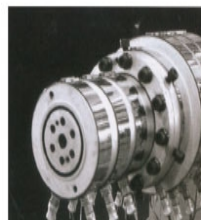
Automatic Travelling
Saw Machine
圓繞式倒角鋸斷機



Haul-off Machine
引取機



Vacuum Spray Cooling Tank
真空噴霧冷卻水槽



Single Line Die Head
單管模頭



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

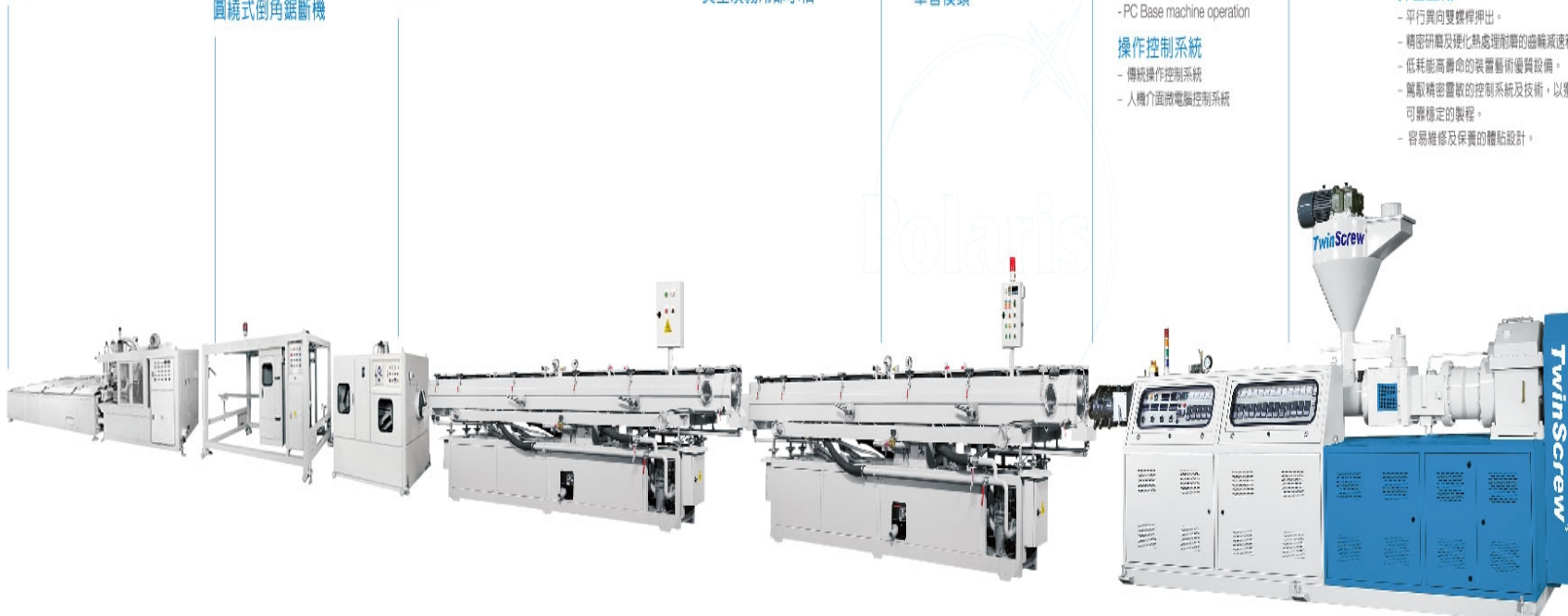
- 平行異向雙螺桿押出。
- 精密研製及優化熱處理耐磨的齒輪減速箱。
- 低耗能高壽命的裝置藝術優質設備。
- 驚歎精密靈敏的控制系統及技術，以獲得可靠穩定的製程。
- 容易維修及保養的體貼設計。

PC Base Machine Operation

- 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

人機介面微電腦控制系統

- M 型押出機控制界面
- 1. 馬達連鎖功能
- 2. 12段PID溫度控制(可擴展至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



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