



Twin Screw PVC Dual Line Rigid Pipe
Making Machine

PVC 雙螺桿押出雙管生產設備

TwinScrew[®]

The Pioneer of Twin-Screw Extruders

Twin Screw PVC Dual Line Rigid Pipe Making Machine

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Twin Screw Industrial Co., Ltd. has been designing and manufacturing fully computerized lines for pipe extrusion. Our highly qualified team of engineers, operators and technicians has always been searching for high technology to meet your requirements. Dual PVC pipe extrusion line is one of our specialized items.

振法機械股份有限公司自創立以來，即從事PVC雙螺桿押出機之研發設計製造，至今已有多年之豐富經驗。我們擁有專業的機械工程師、經驗豐富的配方及操作技術人才，能滿足客戶多方面的需求。PVC雙管製管生產設備是振法公司所專業製造的優良機種之一。



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-D	PVC compounding / PVC 配合粉	17, 20, 25, 32, 40, 50 mm	150-300 kg/hr
TSE-90-RP-D	PVC compounding / PVC 配合粉	32, 40, 50, 60, 75, 90, 110 mm	150-400 kg/hr

Pipe diameter from 17 to 110mm, with output from 150kg to 400kg/hr by twin screw extruder through a dual pipe die mould. PVC管徑從 $\phi 17\text{mm}$ ~ $\phi 110\text{mm}$ 均可適用一次雙管押出，押出產能從150kg到400kg/小時，有非常高的押出量及優良的製管品質。

Operation Control System

操作控制系統

TYPE	TSE-75	TSE-90	TSE-110	TSE-130
SCREW DIA	$\phi 75\text{ mm}$	$\phi 90\text{ mm}$	$\phi 107\text{ mm}$	$\phi 132\text{ mm}$
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	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. * 規格及設備內容皆變更，恕不另行通知。根據產品、原料和要求的押出量而定。



Automatic Belling Machine
自動放口機



Non-Dust Cutting Machine
無屑鋸斷機



Haul-off Machine
引取機



Vacuum Spray Cooling Tank
真空噴霧冷卻水槽



Dual Line Die Head
雙管押出模頭



Operation Control System
- Tradition operation-control type
- PC Base machine operation

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。
- 精密研磨及優化熱處理的齒輪減速箱。
- 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。

PC Base Machine Operation

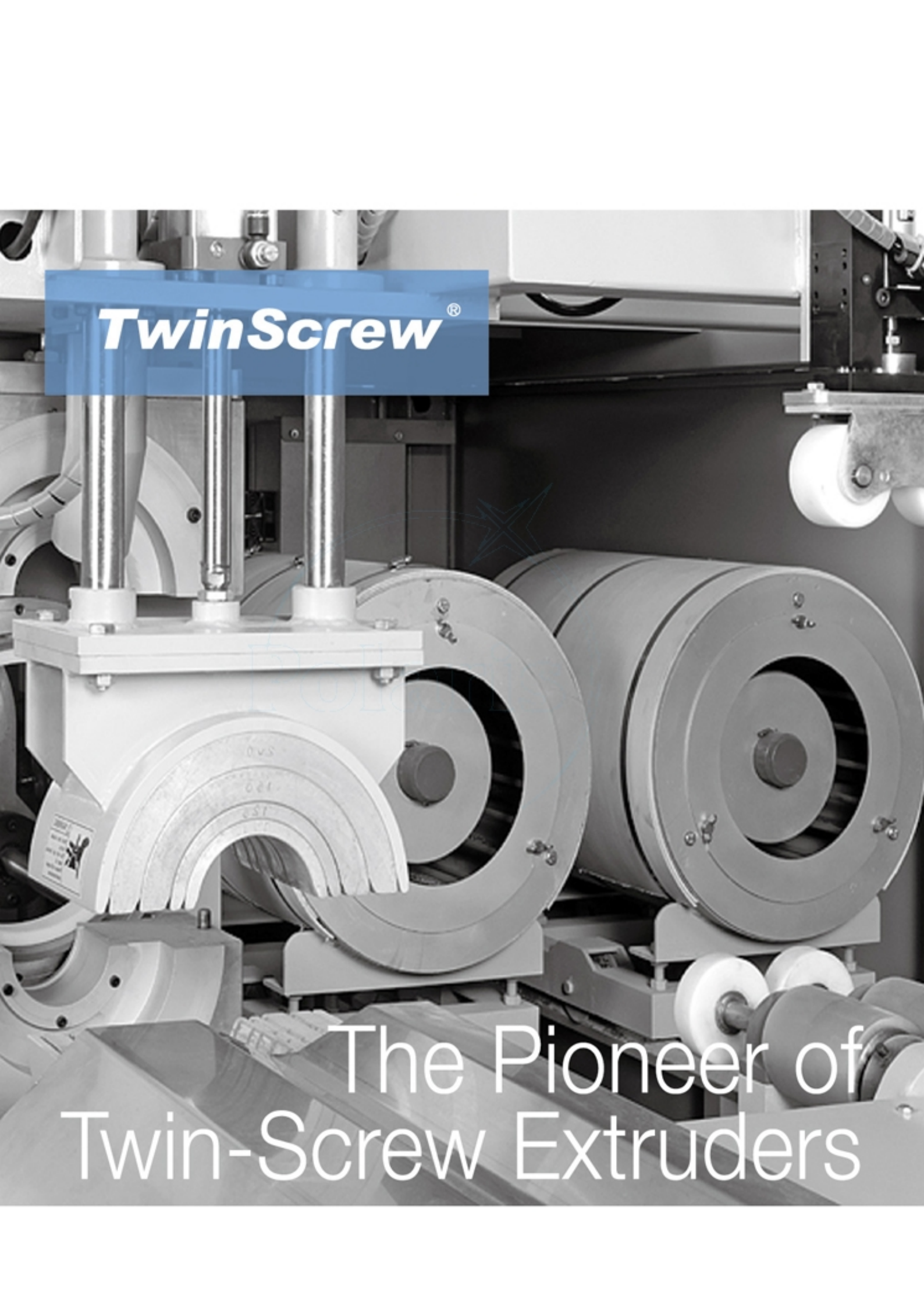
1. Motor interlock function
2. 12 Zones PID temperature control (Optional 24 zones) oil cooling, blower cooling control
3. PLC ladder logic program
4. Alarm record function
5. Chinese / English language change

人機介面微電腦控制系統

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

A detailed black and white photograph of a TwinScrew extruder. The machine features two large, horizontal, cylindrical barrels with circular access doors. To the left, a complex assembly of vertical shafts and bearings is visible. In the foreground, a curved metal component, likely a die head or part of the extrusion system, is prominent. The background shows more industrial components, including rollers and structural frames.

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振法機械廠股份有限公司
Twin Screw Industrial Co., Ltd.

744台南市新市區大營里340號
No. 340, Daying, Xinshi Dist.,
Tainan City 744, Taiwan
Tel: +886-6-5014056 (Rep)
Fax: +886-6-5013805
E-mail: twisic@ms37.hinet.net

www.twisic.com