

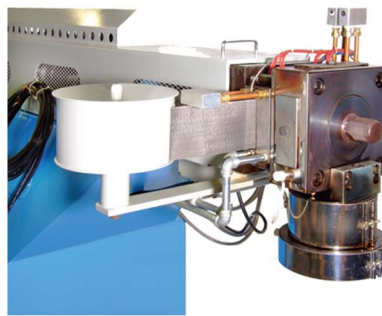
# PP/HDPE Monofilament Making Machine

## PP/HDPE 單 絲 抽 絲 機



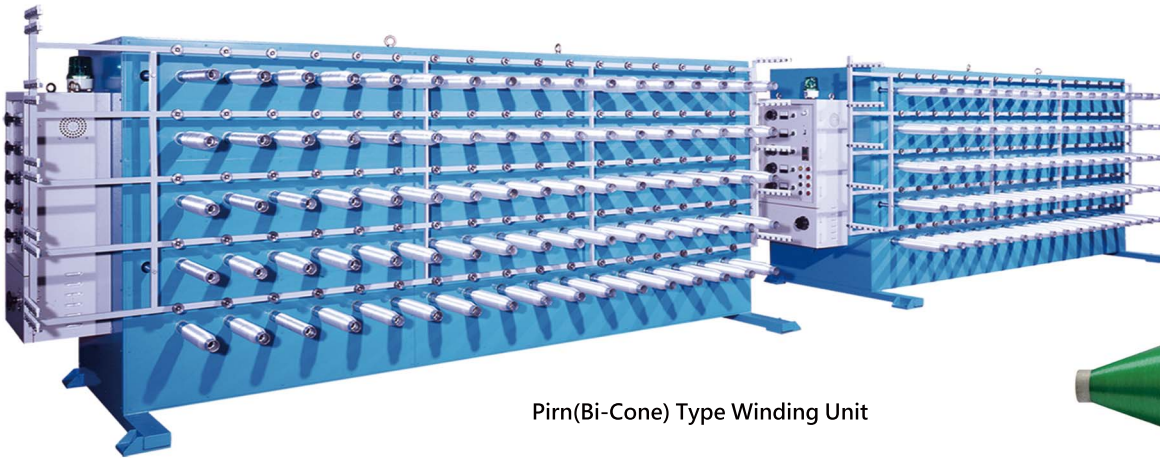
### Applications of PP/HDPE Monofilament:

- \* Plastic Rope
- \* Agriculture Net
- \* Architecture Net
- \* Shading Net
- \* Musquito Net
- \* Brush
- \* Broom
- \* Other Industrial Purposes

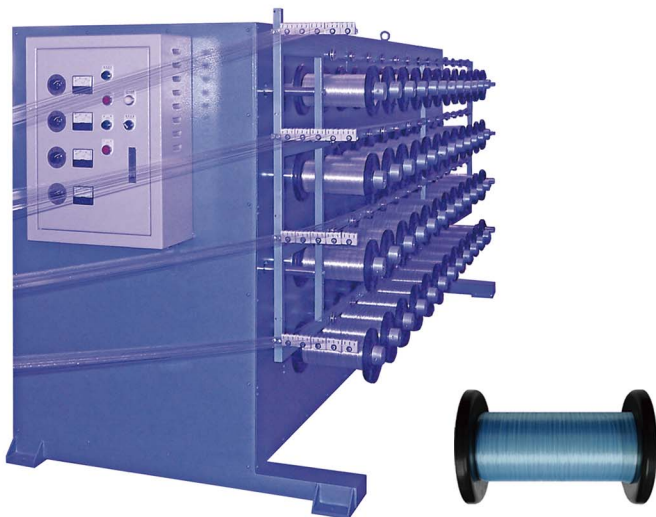


### Non-Stop Screen Changer:

- \* Unnecessary to stop the process to change dirty screen.
- \* Using economical and effective way to filter out contaminants.
- \* Filtering various kinds of thermoplastic materials.
- \* Ensuring consistency of quality.
- \* Reducing the production of waste materials.



Pirn(Bi-Cone) Type Winding Unit

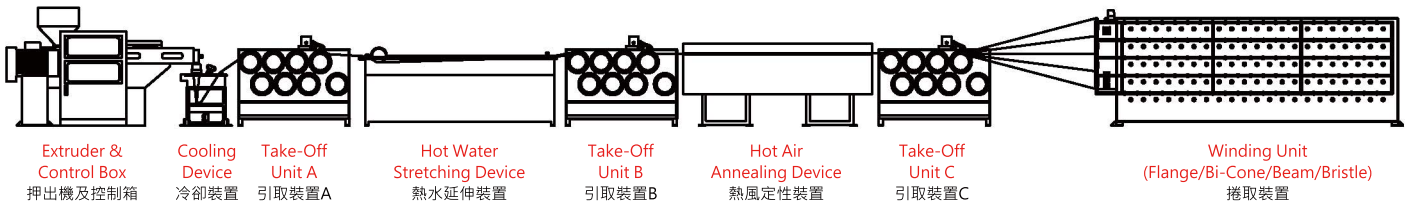


Flange Type Winding Unit



Beam & Bristle Type Winding Unit

**Machine Layout**  
**機械排列圖**



PP/HDPE Monofilament Making Machine / Monofilament Extrusion Line 單絲抽絲機						
Feature 特性						
Model	型號	SC-MFP55	SC-MFP65	SC-MFP75	SC-MFP90	SC-MFP100
Material	原料	PP(Polypropylene) / HDPE(High Density Polyethylene)				
Monofilament Dia.	單絲直徑	ø0.15 ~ 1 mm				
Max. Extrusion Output	最大押出量	40 kg/hr	60 kg/hr	80 kg/hr	120 kg/hr	180 kg/hr
Extruder 押出機						
Screw Dia.	螺桿直徑	ø55 mm	ø65 mm	ø75 mm	ø90 mm	ø100 mm
Screw L/D	螺桿長徑比	30:1	30:1	30:1	30:1	30:1
Screw Material	螺桿材質	SACM-1 Alloy Steel with Hard & Nitrogen Treatment 合金鋼硬化氮化處理				
Barrel Material	料管材質	SACM-1 Alloy Steel with Hard & Nitrogen Treatment 合金鋼硬化氮化處理				
Barrel Blower	料管風車	1/2 HP x 3 pcs	1/2 HP x 3 pcs	1/2 HP x 4 pcs	1/2 HP x 4 pcs	1/2 HP x 5 pcs
Driving Motor	傳動馬達	25 HP + Inverter	30 HP + Inverter	50 HP + Inverter	100 HP + Inverter	150 HP + Inverter
Heater Capacity	電熱容量	20 kw	30 kw	35 kw	45 kw	55 kw
Temp. Control	溫度控制	5 points	5 points	6 points	6 points	7 points
DIE 模頭						
Nozzle Holes	紡絲孔數	80 holes	100 holes	160 holes	200 holes	200 holes
Cooling Device 冷卻裝置						
Cooling Type	冷卻型式	Water Cooling Type 水冷式				
Take-Off Unit A 引取裝置 A						
Driving Motor	傳動馬達	3 HP + Inverter	5 HP + Inverter	7 1/2 HP + Inverter	10 HP + Inverter	15 HP + Inverter
Take-Off Roller	引取輪	ø265 x 400L x 8 pcs	ø265 x 450L x 8 pcs	ø265 x 600L x 8 pcs	ø265 x 750L x 8 pcs	ø265 x 900L x 8 pcs
Pneumatic Roller	氣壓輪	ø150 x 350L x 1 pc	ø150 x 400L x 1 pc	ø150 x 550L x 1 pc	ø150 x 700L x 1 pc	ø150 x 850L x 1 pc
Take-Off Speed	引取速度	10 ~ 25 m/min	10 ~ 25 m/min	10 ~ 25 m/min	10 ~ 25 m/min	10 ~ 25 m/min
Hot Water Stretching Device 熱水延伸裝置						
Tank Size	水槽尺寸	400W x 3000L mm	450W x 3000L mm	600W x 3000L mm	750W x 3000L mm	900W x 3000L mm
Heater Capacity	電熱容量	16 kw	18 kw	22 kw	24 kw	35 kw
Temp. Control	溫度控制	1 point	1 point	1 point	1 point	1 point
Water Removal Blower	除水風車	2 HP Blower	2 HP Blower	2 HP Blower	2 HP Blower	3 HP Blower
Take-Off Unit B 引取裝置 B						
Driving Motor	傳動馬達	5 HP + Inverter	7 1/2 HP + Inverter	10 HP + Inverter	20 HP + Inverter	25 HP + Inverter
Take-Off Roller	引取輪	ø265 x 400L x 8 pcs	ø265 x 450L x 8 pcs	ø265 x 600L x 8 pcs	ø265 x 750L x 8 pcs	ø265 x 900L x 8 pcs
Pneumatic Roller	氣壓輪	ø150 x 350L x 1 pc	ø150 x 400L x 1 pc	ø150 x 550L x 1 pc	ø150 x 700L x 1 pc	ø150 x 850L x 1 pc
Take-Off Speed	引取速度	40 ~ 100 m/min	40 ~ 100 m/min	40 ~ 100 m/min	40 ~ 100 m/min	40 ~ 100 m/min
Hot Air Annealing Device 熱風定性裝置						
Oven Size	烘箱尺寸	400W x 3000L mm	450W x 3000L mm	600W x 3000L mm	750W x 3000L mm	900W x 3000L mm
Circulation Blower	循環風車	2 HP Blower	2 HP Blower	2 HP Blower	2 HP Blower	3 HP Blower
Heater Capacity	電熱容量	16 kw	18 kw	18 kw	20 kw	30 kw
Temp. Control	溫度控制	2 points	2 points	2 points	2 points	2 points
Take-Off Unit C 引取裝置 C						
Driving Motor	傳動馬達	3 HP + Inverter	5 HP + Inverter	7 1/2 HP + Inverter	10 HP + Inverter	15 HP + Inverter
Take-Off Roller	引取輪	ø265 x 400L x 8 pcs	ø265 x 450L x 8 pcs	ø265 x 600L x 8 pcs	ø265 x 750L x 8 pcs	ø265 x 900L x 8 pcs
Pneumatic Roller	氣壓輪	ø150 x 350L x 1 pc	ø150 x 400L x 1 pc	ø150 x 550L x 1 pc	ø150 x 700L x 1 pc	ø150 x 850L x 1 pc
Take-Off Speed	引取速度	40 ~ 100 m/min	40 ~ 100 m/min	40 ~ 100 m/min	40 ~ 100 m/min	40 ~ 100 m/min
Winding Unit 捲取裝置						
Winding Type	捲取型式	Flange / Bi-cone / Beam / Bristle				
Spindles No.	捲取錠數	85 pcs	105 pcs	85 pcs x 2 sets	105 pcs x 2 sets	105 pcs x 2 sets
Winding Motor	捲取馬達	2.4 kg-cm x 85 pcs	2.4 kg-cm x 105 pcs	2.4 kg-cm x 170 pcs	2.4 kg-cm x 210 pcs	2.4 kg-cm x 210 pcs
Traverse Motor	擺紗馬達	2 HP Hydraulic Power Unit			2 HP Hydraulic Power Unit x 2 sets	
Optional Device 選購裝置						
Plastic Resin Mixer 原料攪拌機, Auto Dosing & Mixing System 自動計量攪拌系統, Auto Hopper Loader 自動吸料機, Hopper Dryer 料斗乾燥機, Non-Stop Screen Changer 連續換網裝置, Melt Pressure Gauge 熔體壓力計, Melt Gear Pump 熔體齒輪泵浦, Line Speed Synchronous Controller 引取速度連動裝置, Air Compressor 空壓機, Waste Yarn Collector 廢紗收集裝置, Tensile Strength Testing Machine 拉力試驗機, Electronic Balance 電子天平						
※ Specification may be changed without notice for improvement. 規格若有改變,恕不另行通知。						



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