TAI HUNG

TAI HUNG MACHINERY INDUSTRIAL CO., LTD.

No.38 Ln.228, Taixi s.Rd., Longjing Dist., Taichung City434, Taiwan
Tel: +886-4-26306535
Fax: +886-4-26306588
E-mail: mayne942@ms55.hinet.net
https://www.taihungmachinery.com

TAI HUNG

TH SERIES

PP/PE/PA/PET

Monofilament extrusion line

graphic design / DAY YEU TEL:886-4-24253099 E-mail:wmart@wmart.com.tw
C01217-1-260515-010

Company profile

TAI HUNG MACHINERY INDUSTRIAL CO., LTD.

Tai Hung machinery has been established since 1990 and started as a professional extruder manufacturer in various areas. After several years of development, Tai Hung machinery has mainly focused on fabrication of monofilament extrusion line especially for PP/PE/PA/PET monofilament. With more than 30 years of experience in design and manufacture, Tai Hung machinery is undoubtedly capable of providing customized design of monofilament extrusion machines for your needs.

Furthermore, Tai Hung machinery provides high quality in-house design spare parts such as screw, barrel, spinneret and winding motors. With high quality machine products and in time service, Tai Hung machinery has earned good reputations from customers worldwide. Tai Hung machinery has installed more than 200 monofilament extrusion lines which are still operating in more than 20 countries so far.

Applicable Industries





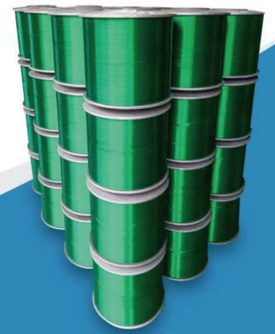



TH SERIES

PP/PE/PA/PET Monofilament extrusion line

With more than 30 years experience in monofilament extrusion field, Tai Hung machinery is capable of providing customized design to fulfill your needs.





PP/PE monofilament extrusion line for woven nets and ropes

The ***TH-WR*** series are the monofilament extrusion lines designed for the applications of making woven nets and ropes, which contain a stretching process and an annealing process. The winding bobbin type can be conical type, pirn type and flange type that can fulfill the application in various areas.

Applications

- ***Agricultural net***
- ***Construction net***
- ***Mosquito net***
- ***fishing net***
- ***Ropes***
- ***Window screen***



	Model	TH-WR-65	TH-WR-75	TH-WR-85	TH-WR-90
Feature	Diameter of monofilament	Ø0.15-1mm			
	Extrusion capacity	65 kg/hr	80 kg/hr	100 kg/hr	120 kg/hr
Extruder	Screw diamter	Ø65mm	Ø75mm	Ø85mm	Ø90mm
	Screw L/D	30/1	30/1	30/1	30/1
Quenching device	Water cooling tank	L:1200mm			
Take off unit A	Roller diameter	Ø270mm*8pcs			
	Transmission	Gear drive/Chain gear drive			
Stretching device	Hot water tank	L:3500mm-5500mm			
Take off unit B	Roller diameter	Ø270mm*8pcs			
	Transmission	Gear drive/Chain gear drive			
Annealing device	Hot air oven	L:4000mm			
Take off unit C	Roller diameter	Ø270mm*8pcs			
	Transmission	Gear drive/Chain gear drive			
Winding machine	Quantity of spindles	105/125/105*2/125*2/155*2			



PP/PE monofilament extrusion line for Raschel knitting nets

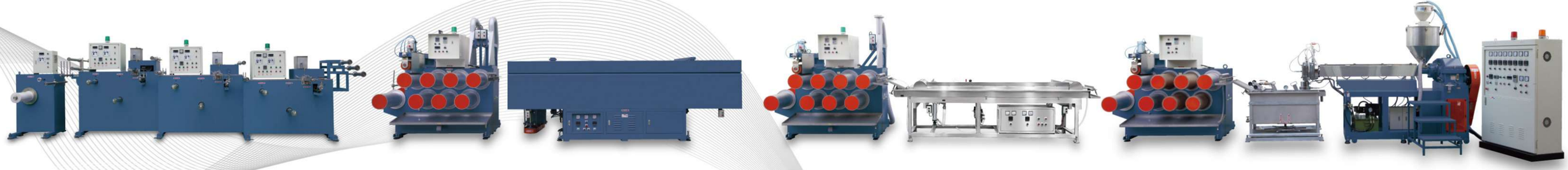
The ***TH-RK*** series are the monofilament extrusion lines designed for making Raschel knitting nets with beam type winders. The following warping process is unnecessary by the beam type winding, so the plant space can be saved.

Applications

- ***Agricultural net***
- ***Construction net***
- ***Safety net***
- ***Onion bag***



Model		TH-RK-55	TH-RK-65	TH-RK-75	TH-RK-85
Feature	Diameter of monofilament	Ø0.15-0.5mm			
	Extrusion capacity	50 kg/hr	65 kg/hr	80 kg/hr	100 kg/hr
Extruder	Screw diamter	Ø55mm	Ø65mm	Ø75mm	Ø85mm
	Screw L/D	30/1	30/1	30/1	30/1
Quenching device	Water cooling tank	L:1200mm			
Take off unit A	Roller diameter	Ø270mm*8pcs			
	Transmission	Gear drive/Chain gear drive			
Stretching device	Hot water tank	L:3500mm-5500mm			
Take off unit B	Roller diameter	Ø270mm*8pcs			
	Transmission	Gear drive/Chain gear drive			
Annealing device	Hot air oven	L:4000mm			
Take off unit C	Roller diameter	Ø270mm*8pcs			
	Transmission	Gear drive/Chain gear drive			
Winding machine	Quantity of beams	2-6 beams			



PA/PET monofilament extrusion line

The ***TH-AE*** series are the extrusion lines for PA/PET monofilament, which utilize two stages stretching process and one annealing process.

Applications

- ***Zipper***
- ***Hook and loop***
- ***Fishing line/net***
- ***Tennis strings***



Model		TH-AE-45	TH-AE-55	TH-AE-65	TH-AE-80
Feature	Diameter of monofilament	Ø0.1-1mm			
	Extrusion capacity	45 kg/hr	55 kg/hr	75 kg/hr	120 kg/hr
Extruder	Screw diamter	Ø45mm	Ø55mm	Ø65mm	Ø80mm
Quenching device	Water tank	Hot water for PET and chilling water for PA			
Take off unit A	Roller diameter	Ø270mm*8pcs			
	Transmission	Gear drive/Chain gear drive			
Primary stretching device	Water heating tank	Hot water/Steam			
Take off unit B	Roller diameter	Ø270mm*8pcs			
	Transmission	Gear drive/Chain gear drive			
Secondary stretching device	Hot air oven	L:4000mm			
Take off unit C	Roller diameter	Ø270mm*8pcs			
	Transmission	Gear drive/Chain gear drive			
Annealing device	Hot air oven	L:4000mm			
Take off unit D	Roller diameter	Ø270mm*8pcs			
	Transmission	Gear drive/Chain gear drive			
Winding machine	Quantity of spindles	105/125/105*2/125*2			



Auxiliary equipment

Dual Tank Vertical Mixer

· Tank and blades are made of stainless steel.
· Special design for larger capacity with smaller space occupied.
· Faster stirring speed and more uniform mixing.



Type	Mix Weight	Motor	Size (mm)	Weight
TH-200D	150~200kg	3HP*2pcs	1450*800*1150	400kg
TH-350D	300~350kg	5HP*2pcs	1780*950*1300	550kg
TH-550D	500~550kg	7.5HP*2pcs	2000*1100*1600	850kg
TH-1000D	900~1000kg	15HP*2pcs	2300*1300*1900	1300kg

Single Tank Vertical Mixer

· Tank and blades are made of stainless steel.
· Sufficient mixing in a short time.

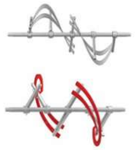


Type	Mix Weight	Motor	Size (mm)	Weight
TH-50E	50kg	3HP	950*740*1120	250kg
TH-100E	100kg	5HP	950*1070*1250	300kg

Stirring & Drying Machine

· Suitably used for drying, dyeing, mixing of various plastic materials.
· Easy to maintain and clean.





· Internal structure of blade.



· Different types of waste yarn collection machines available.

Type	Capacity	Size (mm)	Weight
TH-200A	200kg	1800*700*1100	400kg
TH-300A	300kg	1950*900*1390	500kg
TH-400A	400kg	2100*1000*1450	600kg
TH-600A	600kg	2500*1200*1700	850kg
TH-800A	800kg	2600*1280*1900	1400kg