

BLOWN FILM Extrusion Lines



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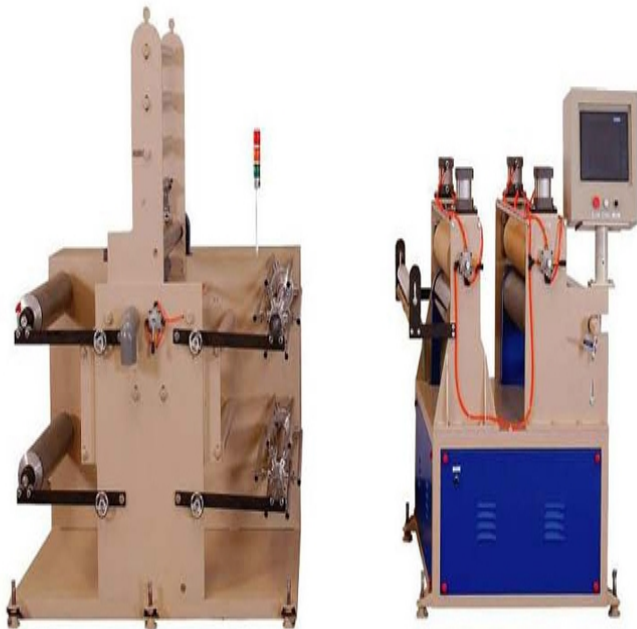


BLOWN FILM Extrusion Lines

1970 was the year for the production of the first machine for Blown Film Extrusion Lines. INTYPE is always seeking for better Know How, offering the complete Blown Film Lines which combine mature technology and well devised concepts. Today, INTYPE is focusing on film applications of PVC shrinkable packaging film, stationery PP file film, and specialized medical packaging film. In particular, INTYPE has almost 70% market share of Asian in the PP file film field of stationery industry.

To create a cost-effective production system, maximize profitability and flexibility, we combined with computer control system by PLC or PC BASE, the touch screen control panel centralizes all the machine's component from material feeding to film winding, which continually monitors and manages all set points and parameters, and easily reprogrammed to match future requirement will assure optimum output quality and efficiency. When film comes out the equipment, it's flat, smooth, and with accurate specification.

Each product has its own set of unique requirements, INTYPE will always find the most suitable solution to help users implement the right system.



Our Range :

Complete Production Lines For Blown Film Extrusion:

- * Upstream Accessories
 - Dosing System
 - Mixer
 - Feeding System
- * Single Screw Extruder
 - Smooth Bore Single Screw Extruder
 - Grooved Feed Throat Single Screw Extruder
- * Screen Changer Unit
 - Manual Type
 - Hydraulic Type
- * Die Head
 - Single-Layer Die Head
 - Multi-Layer Die Head
- * Cooling Unit
 - Air Ring Type
 - Water Ring Type
 - Multiple Cooling Type
- * Take-Off Unit
 - Roller Type
- * Winder Unit
 - Surface Winder
 - Turret Winder
 - Shafted Winder
 - Expansion Bobbin Winder
- * Auxiliary Accessories
 - Corona Treater
 - Film Dry Device
 - Rotary Die Device
 - Embossing Device
 - Measuring System
 - Slitting Device
 - Printing Device
 - Bag Making Machine
 - Processing Equipment
- Co-Extrusion Blown Film Extrusion
- PP Blown Film Extrusion
- PE Blown Film Extrusion
- PVC Medical Bag Extrusion
- PVC Shrinkable Film Extrusion

Application :

- * Agricultural or Greenhouse Film
- * Biodegradable PP, PE Film
- * Stationery PP File Film
- * Specialized Medical Bags
- * Construction Packaging
- * Industrial Packaging
- * Foodstuff Packaging
- * Shrink Packaging
- * Produce Packaging
- * Merchandise Bags
- * Shipping Bags
- * Trash Bags

Applicable Material :

* Plastic : PP, PE (HDPE, LDPE, LLDPE, MDPE), PVC, OPP etc.



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Characteristic of the machine:

1. Screw and barrel are designed to adopt the special compounding function to melt at high speed and homogeneous, also get greater output.
2. Spiral flow channel die is designed to stabilize melt flow. Optional 360° degree rotating device is chosen and helpful to eliminate gauge band on the web.
3. Air/ water rings are alum.alloyed special design for providing excellent and stable cooling. The combination of air and water cooling rings for water output and air blow stable working together results in excellent film transparency, surface evenly and gloss.
4. Take-off unit allows adjustment to the proper height and provides effective film cooling.
5. A variety of winders including manual, 2 bobbin type, 4 bobbin type, back to back winder with computerized tension control for high quality film. Computerized speed control system for take-off and winding units to provide precise winding quality, won't cause tensile or broken of film.

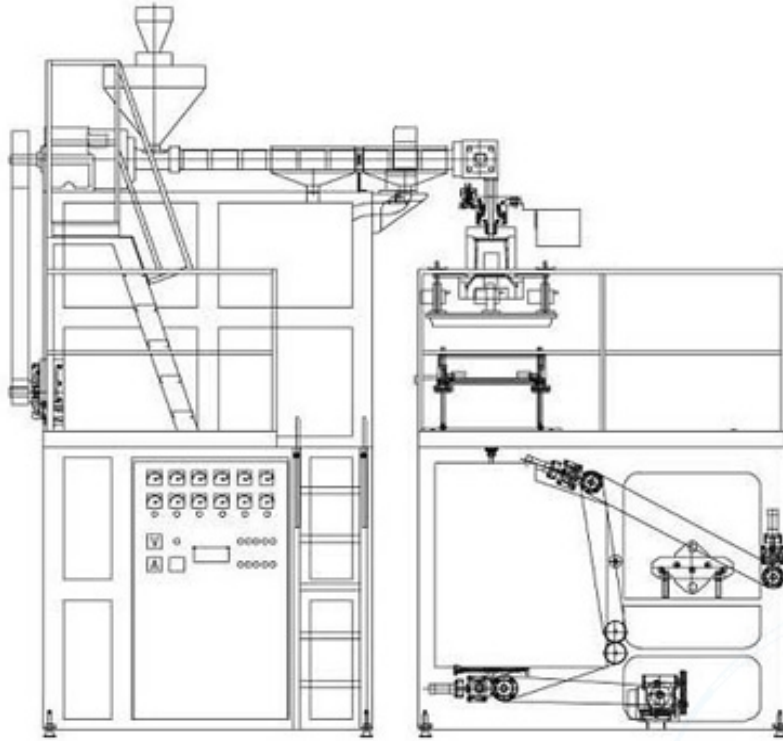
TECHNICAL DATA

Product Type		PP Blowing Film		
Plastic Material		PP Pellet		
Machine Model		TPP-55	TPP-65	TPP-75
Film Width	mm	150 ~ 550	200 ~ 700	500 ~ 1000
Film Thickness	mm	0.02 ~ 0.06 / 0.06 ~ 0.16		
Max. Extruder Output	kg/hr	50	70	100
Screw Diameter	mm	55	65	85
Screw	L/D	30		
Drive A.C. Motor	kw	18.75	22.5	30
Speed Control		Inverter		
Barrel Heating Capacity	kw/ zones	12 / 3	12 / 3	20 / 4
Barrel Cooling Capacity	kw/ zones	1 / 2	1 / 2	1.25 / 3
Hydraulic System Screen Changer	kw	2.25		
Rotating Die		360° Rotatry		
Die Lip	mm	150 / 250	200 / 300	250 / 400
Calibrating Device		Air Ring And Water Calibrator		
Collapse Device		Stainless Steel Plate		
Take Off Drive Motor	kw	1.5		
Speed Control		Inverter		
Nip Pressure System		Spring Tension / Air Cyclinder		
Max. Take Off Line Speed	M/Min.	50		
Dry Device	kw	3		
Winding Unit		Unilateral / Bilateral		
Knife Device		Sidelong And Front		
Tension System		PLC Control		
Bobbin Changer		Manual		
Winding Drive Motor	kw	1.5	1.5	2.25
Speed Control		Inverter		
Control System		Standard / PLC		
Optional Equipment				
Embossing Unit	Model	3 Rollers / 4 Rollers / 6 Rollers		
Loss-In-Weight Dosing System		Material / Pigment / Additive		
Weight	kg	7500	8000	9000
Dimension	length mm	7500	8500	9500
	width mm	3000	3100	3300
	height mm	4200	4500	4700

Product Type		PVC Shrinkable Tube				
Plastic Material		PVC Pellet				
Machine Model		TST-35N	TST-45N	TST-55N	TST-65N	TST-75N
Film Width	mm	50 ~ 120	100 ~ 300	200 ~ 400	400 ~ 700	500 ~ 1000
Film Thickness	mm	0.02 ~ 0.07				
Max. Extruder Output	kg/hr	15	30	40	50	60
Screw Diameter	mm	35	45	55	65	75
Screw	L/D	24				
Drive A.C. Motor	kw	11.25	15	22.5	30	37.5
Speed Control		Inverter				
Barrel Heating Capacity	kw/ zones	6 / 3	7.5 / 3	12 / 4	12 / 4	15 / 5
Barrel Cooling Capacity	kw/ zones	0.5 / 3	0.75 / 3	1.3 / 4	1.3 / 4	1.6 / 5
Rotating Die		360° Rotatry				
Die Lip		20 / 50	50 / 75	75 / 100	100 / 150	120 / 165
Calibrating Device	mm	Air Ring				
Collapse Device		Latticed Wood				
Take Off Drive Motor	kw	0.75	0.75	1.5	1.5	2.25
Speed Control		Inverter				
Nip Pressure System		Spring Tension / Air Cyclinder				
Max. Take Off Line Speed	M/Min.	50				
Re-Heating System		Hot Water				
Winding Unit		Unilateral / Bilateral				
Knife Device		Sidelong And Front				
Tension System		PLC Control				
Bobbin Changer		Manual				
Winding Drive Motor	kw	1.5	1.5	2.25	2.25	3
Speed Control		Inverter				
Control System		Standard / PLC				
Weight	kg	3500	4000	4500	5000	5800
Dimension	length mm	4500	5800	6500	7200	8500
	width mm	16000	1800	2000	2100	2600
	height mm	2200	2500	2700	2900	3500



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Line Of The Single Screw Extruder For PP Tubular Film Blowing Making Machine

