



AMK PLASTICS LLC

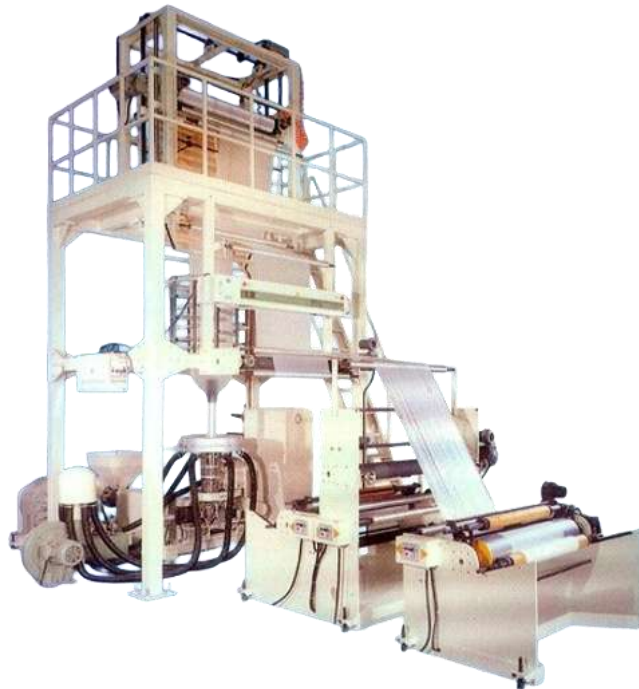
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SJPH Series Extruder Catalog

The SJPH Series Blown Film Extruder is designed for stable production of LDPE, HDPE, and LLDPE tubular film used in packaging and bag manufacturing. Its high-performance screw design, efficient cooling system, and inflation spiral die head ensure consistent film thickness and reliable extrusion output.



This extrusion system provides dependable performance for manufacturers producing plastic film for bags, packaging, and industrial applications. With flexible output capacities and robust construction, the SJPH series offers a scalable solution for both growing operations and established production lines. Contact us to learn how this extrusion system can support your film production requirements.

Specifications:

Extruders (SJPH Series)

Specs		SJPH-45	SJPH-55	SJPH-65	SJPH-80
Product	Product	LDPE/HDPE/LLDPE TUBULAR FILM			
	Film Width (mm)	650	1050	1350	1800
	Film Thickness (mm)	HDPE: 0.008 – 0.10 LDPE/LLDPE: 0.01 – 0.20			
	Max Extrusion Output (kg/hr)	LDPE: 60	90	130	160
		LLDPE/HDPE: 50	70	90	130
Extruder	Type	LOW BASE TYPE			
	Main Drive Motor (HP)	30	40	V.S. 50	V.S. 75
Gear Box	Type	One stage speed variation type with lubrication system			
	Gear Material	SCM-21 carbon treat & gear face ground			
Screw	Screw Diameter	45	55	65	80
	L/D Ratio	28/1	28/1	28/1	28/1
	Screw Material	SCM-4 NITRADED AND HARD CHROME PLATED HARDNESS: 60 $\pm$ 2			
Barrel	Material	SACM-645 NITRIDED HONED & POLISHED			HARDNESS: 65 $\pm$ 2
	Auto Thermal Controller	2	3	3	4
		Points	Points	Points	Points
	Heating Capacity (kW)	6	8	21	29
	Barrel Cooling	With blower air cooled			
Winder	Type	Manual surface contact winder			
	Winding Motor	0.3KG-M			
	Winding Roller (2500MM Φ X)	800MM	1200MM	1500MM	2000MM
Die Head	Die Type	INFLATION SPIRAL TYPE			
	Die Head	1 SET			
	Auto Thermal Controller	2	2	2	2
	Heating Capacity (kW)	3.8	4.0	8.2	10.6
	Air Ring (set)	1	1	1	1
	Cooling Blower (HP)	3	5	5	7/12
Take Up Unit	Drive Motor	1HPDCX1/10	1HPDCX1/10	1HPDCX1/10	2HPDCX1/10
	Pinch Roller Width	800	1200	1500	2000
		Pneumatic clamping for pinch roller			
		Wooden collapsing frame with gusseting board			
	Second Take Up Torque Motor	0.2 KGM	0.2	0.2	0.3
Control Panel		Isolated type * 1 set digital displaying instruments			
Power Consumption (kW)		22	30	40	60

Typical Auxiliary Equipment

- Automatic material loader
- Hopper dryer
- Air compressor
- Film width controller
- Embossing roller
- Corona surface treater
- Rotary die system
- Double station winder
- Auto loader for raw materials

Specifications are subject to change without prior notification. Pictures are for reference only.