

**SPECIFICATION:**

MODEL	HP-45/45/45-3L	HP-45/55/45-3L	HP-55/65/55-3L	HP-65/75/65-3L	HP-75/85/75-3L	HP-100/120/100-3L
SUITABLE MATERIAL	HDPE LDPE LLDPE PP EVA					
FILM THICKNESS	0.02 MM - 0.250 MM					
MAX. FILM WIDTH	1000 MM	1200 MM	1400 MM/1500 MM	1600 MM / 1800 MM	2200 MM	5000 MM
EXTRUSION OUTPUT (MAX.)	280 KGS/HR	320 KGS/HR	400 KGS/HR	500 KGS/HR	640 KGS/HR	1100 KGS/HR
FILM OUTPUT (MAX.)	200 KGS/HR	230 KGS/HR	280 KGS/HR	350 KGS/HR	450 KGS/HR	750 KGS/HR
<b>EXTRUDER UNIT</b>						
SCREW DIAMETER	45 MM X 3	45 MM X 2	55 MM X 2	65 MM X 2	75 MM X 2	100 MM X 2
		55 MM X 1	65 MM X 1	75 MM X 1	85 MM X 1	120 MM X 1
SCREW L/D RATIO	28:1	28:1	30:1	30:1	30:1	30:1
SCREW MATERIAL	PTA BI-METALLIC ALLOY					
AUTO THERMO CONTROL	16 ZONES	17 ZONES	19 ZONES	22 ZONES	22 ZONES	27 ZONES
BARREL COOLING FAN	1/2 HP X 6	1/2 HP X 7	1/2 HP X 9	1/2 HP X 10	1/2 HP X 12	1/2 HP X 14
DRIVING MOTOR	20 HP X 2	20 HP X 2	40 HP X 2	50 HP X 2	75 HP X 2	150 HP X 2
	25 HP X 1	30 HP X 1	60 HP X 1	75 HP X 1	100HP X 1	200 HP X 1
DIE DIAMETER	250 MM	280 MM	350 MM	400 MM	450 MM	1200 MM
AIR RING DIAMETER	350 MM	400 MM	450 MM	500 MM	550 MM	1300 MM
HEATING CAPACITY	25 KW	35 KW	45 KW	60 KW	75 KW	250 KW
COOLING BLOWER	7.5 HP	7.5 HP	10 HP	15 HP	20 HP	20 HP
<b>TAKE UP UNIT</b>						
TYPE	FIXED/OSCILLATING TYPE					
TAKE UP ROLLER	1150 MM	1400 MM	1600 MM	1800 MM	2400 MM	4000 MM
EFFECTIVE WIDTH (MAX.)	1000 MM	1200 MM	1400 MM	1600 MM	2200 MM	3000 MM
TAKE UP MOTOR	2 HP	2 HP	2 HP	3 HP	3 HP	5 HP
<b>WINDING UNIT</b>						
TYPE	WINDER WITH AUTOMATIC FILM ROLL CHANGING SYSTEM					
ROLLER WIDTH	1150 MM	1400 MM	1600 MM	1800 MM	2400 MM	4000 MM
WINDING WIDTH	1000 MM	1200 MM	1400 MM	1600 MM	2200 MM	3000 MM
WINDING MOTOR	2 HP	2 HP	2 HP	3 HP	3 HP	5 HP

\* SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE FOR IMPROVEMENT.  
 \* FILM OUTPUT IS DEPENDING ON THE FILM SIZE, THICKNESS & MATERIAL.

**OPTIONAL ATTACHMENTS:**

- |   |                                  |
|---|----------------------------------|
| (1) AUTOMATIC HOPPER LOADER                               | (9) OSCILLATING TAKE UP UNIT     |
| (2) GRAVIMETRIC DOSING UNIT                               | (10) CHILLER                     |
| (3) THICKNESS MEASUREMENT                                 | (11) HEAT SLITTING DEVICE        |
| (4) WIDTH CONTROLLER                                      | (12) EDGE POSITION CONTROLLER    |
| (5) IBC (INTERNAL BUBBLE COOLING COMPUTER CONTROL SYSTEM) | (13) ELECTRONIC TENSION CONTROL  |
| (6) LINE SPEED SYNCHRONIZED WITH COMPUTER CONTROL         | (14) PIB PUMP SYSTEM             |
| (7) FILM SURFACE TREATER                                  | (15) FIVE LAYER CO-EXTRUSION DIE |
| (8) BACK TO BACK WINDER                                   | (FOR MATERIAL PE/TIE/PA/TIE/PE)  |



PLASTIC BAG CONVERTING MACHINERY

CE ISO 9001

**HYPLAS MACHINERY CO., LTD.**

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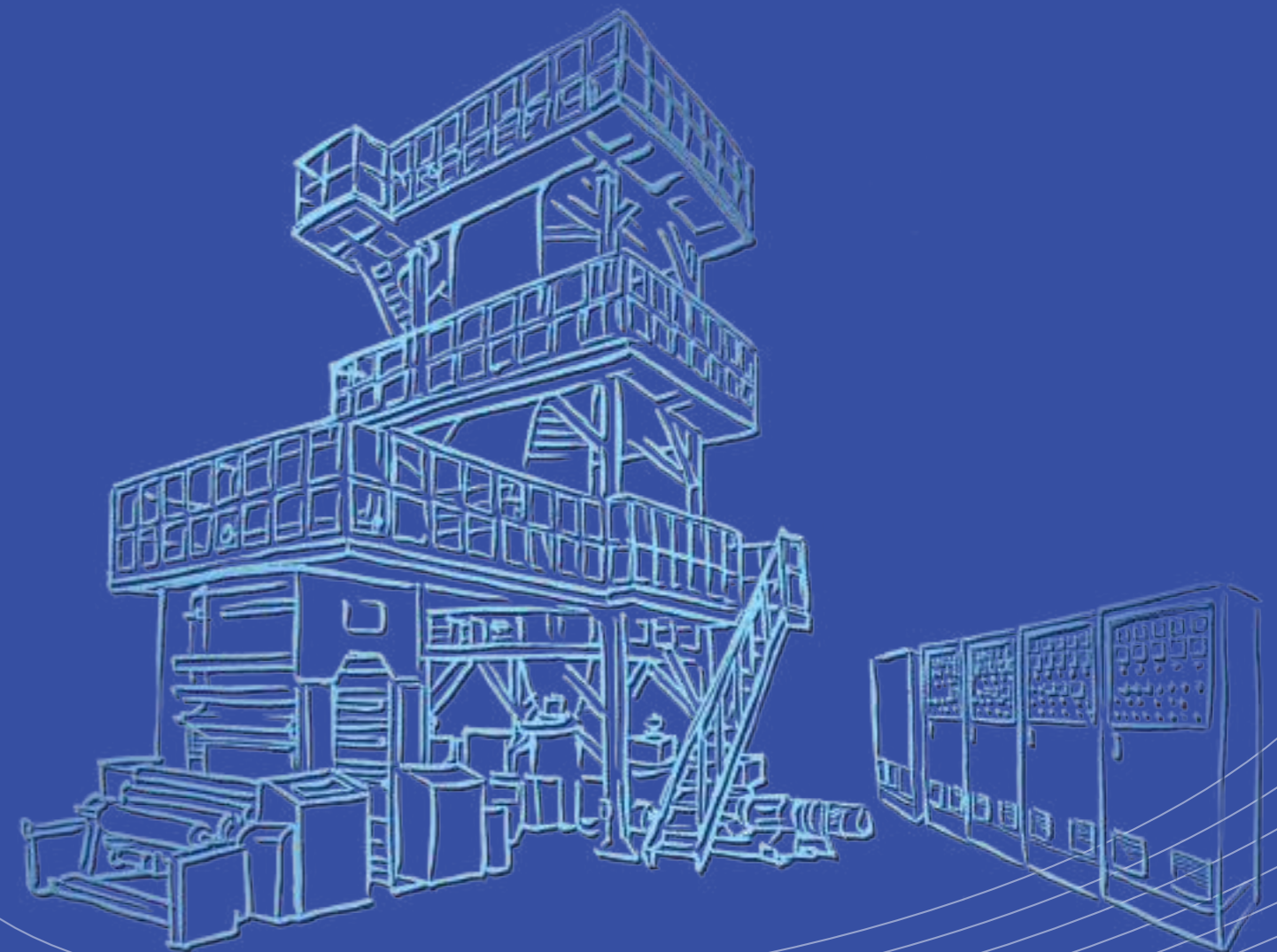
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**THREE-LAYER CO-EXTRUSION  
HIGH SPEED FILM BLOWING MACHINE**





**THREE-LAYER CO-EXTRUSION HIGH SPEED FILM BLOWING MACHINES**

**HP-65/75/65-3L**

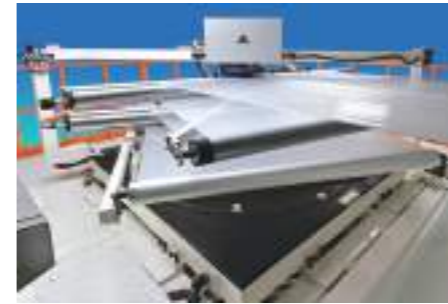
1. CENTRAL FEEDING SPIRAL MANDREL STRUCTURE DIE HEAD WITH CERAMIC TYPE HEATERS
2. PRECISION DUAL LIP AIR RING
3. IBC (INTERNAL BUBBLE COOLING SYSTEM)
4. MOTORIZED SIZING CAGE AND ALUMINUM COLLAPSER
5. HORIZONTAL TYPE OSCILLATING TAKE-UP UNIT
6. BACK TO BACK WINDER WITH AUTOMATIC FILM ROLL CHANGING SYSTEM



THREE LAYER (A/B/C) CO-EXTRUSION DIE HEAD WITH CERAMIC TYPE HEATERS & PRECISION DUAL LIP AIR RING



IBC (INTERNAL BUBBLE COOLING SYSTEM)



HORIZONTAL TYPE OSCILLATING TAKE UP UNIT (INCLUDING AUTOMATIC TENSION CONTROLLER & EPC)



SCREW AND BARREL WITH WHEELED BASE



**THREE LAYER CO-EXTRUSION BLOWN FILM LINE ESPECIALLY FOR HDPE MATERIAL TO BE USED: A(PE) + B (PE/CaCo3/RECYCLED PE) + C (PE)**

**HP-45/55/45-3L**

PRODUCT FOR MULTI-LINES T-SHIRT BAG MAKING MACHINE WITH IN LINE HOT SLITTING AND POST GUSSETING DEVICES



VERTICAL TYPE OSCILLATING TAKE UP UNIT (INCLUDING AUTOMATIC TENSION CONTROLLER & EPC)

