

**HYPLAS**<sup>®</sup>

## HDPE / LDPE / LLDPE HIGH SPEED FILM BLOWING MACHINES

### 'HP-HL' SERIES

#### MAIN FEATURES:

- THE 'HP-HL' SERIES MACHINES ARE SPECIALLY DESIGNED FOR THE FILM BLOWING OF HDPE, LDPE AND LLDPE.
- THE GEAR BOX IS '3 SHAFTS TYPE' TO ACHIEVE LOW ELECTRICITY CONSUMPTION, LOW BELTS REPLACEMENT, HIGH DURABILITY, NOISELESS DURING HIGH SPEED OPERATION.
- THE MATERIAL OF SCREW AND BARREL IS PTA, BI-METAL ALLOY TREATMENT AND GRINDING TO ENSURE HIGH DURABILITY, HIGH STABILITY AND OUTPUT INCREASING. WITHOUT PROBLEM TO USE RECYCLED MATERIALS.



**HP-65HL**



**HP-42HL**

## HP-42/45/55/65HL

MODEL	HP-MINI-HL (HP-42HL)	HP-45HL	HP-55HL	HP-65HL
SUITABLE MATERIAL	HDPE/LDPE/LLDPE	HDPE/LDPE/LLDPE	HDPE/LDPE/LLDPE	HDPE/LDPE/LLDPE
FILM THICKNESS	H: 0.008 ~ 0.200 MM L: 0.010 ~ 0.200 MM	H: 0.008 ~ 0.200 MM L: 0.010 ~ 0.200 MM	H: 0.010 ~ 0.200 MM L: 0.010 ~ 0.200 MM	H: 0.015 ~ 0.150 MM L: 0.015 ~ 0.150 MM
FILM WIDTH RANGE	H: 250 ~ 600 MM L: 150 ~ 600 MM	H: 250 ~ 700 MM L: 200 ~ 700 MM	H: 400 ~ 1000 MM L: 300 ~ 1000 MM	H: 500 ~ 1400 MM L: 400 ~ 1400 MM
FILM OUTPUT (MAX.)	H: 42 KGS/HR L: 48 KGS/HR	H: 45 KGS/HR L: 55 KGS/HR	H: 75 KGS/HR L: 90 KGS/HR	H: 108 KGS/HR L: 126 KGS/HR
<b>EXTRUDER UNIT</b>				
SCREW DIAMETER/TYPE	Ø 42 MM	Ø 45 MM	Ø 55 MM	Ø 65 MM
SCREW L/D RATIO	28 : 1	28 : 1	28 : 1	28 : 1
HEATING CAPACITY	7450 W	8800 W	15500 W	19800 W
AUTO THERMO CONTROL	3 ZONE	3 ZONE	3 ZONE	4 ZONE
BARREL COOLING FAN	AC 1/8 HP X 1	AC 1/8 HP X 1	AC 1/8 HP X 2	AC 1/8 HP X 2
DRIVING MOTOR	VS 15 HP	VS 20 HP	VS 30 HP	VS 50 HP
<b>DIE UNIT</b>				
DIE DIAMETER	H: Ø 70/ 90 MM L: Ø 150 MM	H: Ø 70/ 90 MM L: Ø 150 MM	H: Ø 80/ 100 MM L: Ø 250 MM	H: Ø 100/ 150 MM L: Ø 350 MM
AIR RING DIAMETER	H: Ø 120 MM L: Ø 250 MM	H: Ø 120 MM L: Ø 250 MM	H: Ø 150 MM L: Ø 350 MM	H: Ø 150/ 180 MM L: Ø 450 MM
HEATING CAPACITY	H: 5700 W L: 4600 W	H: 5700 W L: 4600 W	H: 6000 W L: 6800 W	H: 7200 W L: 13500 W
AUTO THERMO CONTROL	2 ZONE	2 ZONE	2 ZONE	2 ZONE
COOLING BLOWER	AC 3 HP	AC 3 HP	AC 5 HP	AC 5 HP
<b>TAKE-UP UNIT</b>				
TAKE-UP ROLLER	700 MM	800 MM	1150 MM	1500 MM
EFFECTIVE WIDTH	600 MM	700 MM	1000 MM	1400 MM
TAKE-UP MOTOR	AC 1 HP	AC 1 HP	AC 1 HP	AC 1 HP
TAKE-UP SPEED	20 ~ 180 RPM	20 ~ 180 RPM	20 ~ 120 RPM	20 ~ 90 RPM
ELEVATING MOTOR	AC 1/2 HP	AC 1/2 HP	AC 1/2 HP	
<b>WINDING UNIT</b>				
ROLLER WIDTH	700 MM	800 MM	1150 MM	1500 MM
WINDING WIDTH	600 MM	700 MM	1000 MM	1400 MM
WINDING MOTOR	DC 1/2 HP	DC 1/2 HP	DC 1 HP	DC 1 HP

### OPTIONAL ATTACHMENTS:

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|---|--|
| (1) AUTOMATIC HOPPER LOADER             | (11) BACK TO BACK WINDER   |
| (2) EXTRUSION PRESSURE GAUGE            | (12) SEMI-AUTOMATIC (FLYING KNIFE SYSTEM) FILM ROLL CHANGING SYSTEM                |
| (3) PNEUMATIC SYSTEM SCREEN CHANGER     | (13) AIR SHAFT   |
| (4) MANUAL SYSTEM SCREEN CHANGER        | (14) INVERTER FOR MAIN MOTOR SPEED CONTROL (MADE IN FRANCE, 'TELEMECANIQUE' BRAND) |
| (5) ROTARY DIE                          | (13) HEAT SLITTING KNIFE   |
| (6) BUBBLE GUIDE OF IRIS DIAPHRAGM TYPE | (14) WASTE FILM COLLECTING UNIT  |
| (7) AUTOMATIC FILM WIDTH CONTROLLER     | (15) AIR COMPRESSOR  |
| (8) EMBOSING ROLLER                     |  |
| (9) FILM SURFACE TREATER                |  |
| (10) STATIC ELIMINATOR                  |  |



PLASTIC BAG CONVERTING MACHINERY

CE ISO 9001

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