



M.A RAJA & SONS PVT LTD.
HDPE FILM EXTRUSION MACHINE



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TO BE THE BEST
PLASTIC MACHINERY MANUFACTURER

M.A RAJA & SONS PVT LTD.

HDPE Super High Capacity Blown Film Extruder

The R-HDPE Series Blown Film Extrusion Line is a perfect high performance line for maximum volume and top quality film production. The Energy Saving state of the art extruder design, back up by distinctive new screw design combined with forced feeding jacket permit a long production life span and maximum production capacity.

TECHNICAL DATA

- Extruder from Φ 50mm to Φ 80mm with typical length of 32 L/D
- Designed for HDPE, and blend; option for LDPE,LLDPE
- Line Speed 100 m/min
- Automatic Surface Winder

MODEL	R 18	R 24	R 36	R 40	R 48
• Applicable Material		HDPE, option for LDPE,LLDPE			
• Film Layflat Width	508mm	660.4 mm	914.4 mm	1016mm	1219mm
• Film Thickness		0.008- 0.08mm			
• Extrusion Capacity	20-30KG/H	20-40KG/H	20-50KG/H	20-50KG/H	20-55KG/H
• Machine Line Speed		12 – 120m/minute			

EXTRUDER

- | | | | | | |
|------------------|------|------|-------|------|------|
| • Screw Diameter | 45mm | 50mm | 55mm | 55mm | 60mm |
| • Motor Driver | 15HP | 20HP | 25HP | 25HP | 30HP |
| • Heater (Max.) | 17kw | 21kw | 24 kw | 24kw | 26kw |

DIE HEAD & AIR RING

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|-----------------------|------|------|------|-------|-------|
| • HDPE Die & Air Ring | 65mm | 85mm | 90mm | 100mm | 127mm |
| • Blower | | 3HP | | | 5HP |

MAIN CONTROL PANNAL

- | | | | | | |
|------------------|---------|--|----------|----------|----------|
| • Type | | Cabinet Type Single Electric Panel Control | | | |
| • Thermo-Control | 5 Point | 5 Points | 5 Points | 5 Points | 5 Points |

TAKE UP UNIT

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|-----------------|------|------|------|------|------|
| • Take-Up Motor | 1 HP | 1 HP | 1 HP | 2 HP | 2 HP |
|-----------------|------|------|------|------|------|

WINDER

- | | | | | | |
|------------------------|-------|--------------------------------------|-------|--------|--------|
| • Surface Winding Type | | Single Winder (Manual Bobbin Change) | | | |
| • Effective Width | 500mm | 650mm | 950mm | 1050mm | 1260mm |
| • Winding Motor | 1HP | 1HP | 1HP | 1HP | 2HP |

* We reserve the right to modify specification without prior notice.

AUXILIARY EQUIPMENT

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|-----------------------------|-------------------------------------|
| • Auto Hopper Loader | • Corona Surface Treater |
| • Melt Pressure Gauge | • Slit & Seal Device |
| • Rotary Die System | • Digital Tension Con trol |
| • LDPE/LLDPE Die & Air Ring | • Manual Hydraulic Unloading Device |
| • Pneumatic Emboss Roller | • Back-to-Back 2nd Station Winder |