

# Barrier Blown Film Lines

Versatile Coextrusion Solutions for Food and Medical Packaging Films



## Key Features:

- Versatile extrusion technology can be used to produce a wide range of films types
- Designed to process any barrier material including PA, EVOH, and PVdC
- Quality craftsmanship and efficient design minimize downtime
- Large selection of winding and end-of-line automation options to improve production quality and plant safety

## Applications:

- Food packaging
  - High barrier films (meat, dairy, deli, prepared meals, frozen)
- Medical films
  - High barrier medical packaging films
- Lamination film

Macro's barrier blown film lines are designed to produce high quality barrier films in an efficient and cost effective manner. Every line is constructed using the latest technology, highest quality materials and superior workmanship.

Our unique design provides the flexibility to meet the needs of our customer's continuously evolving demands. Available up to 11-layers, each line is a versatile system capable of producing a variety of structures using different combinations of resins and layer configurations.

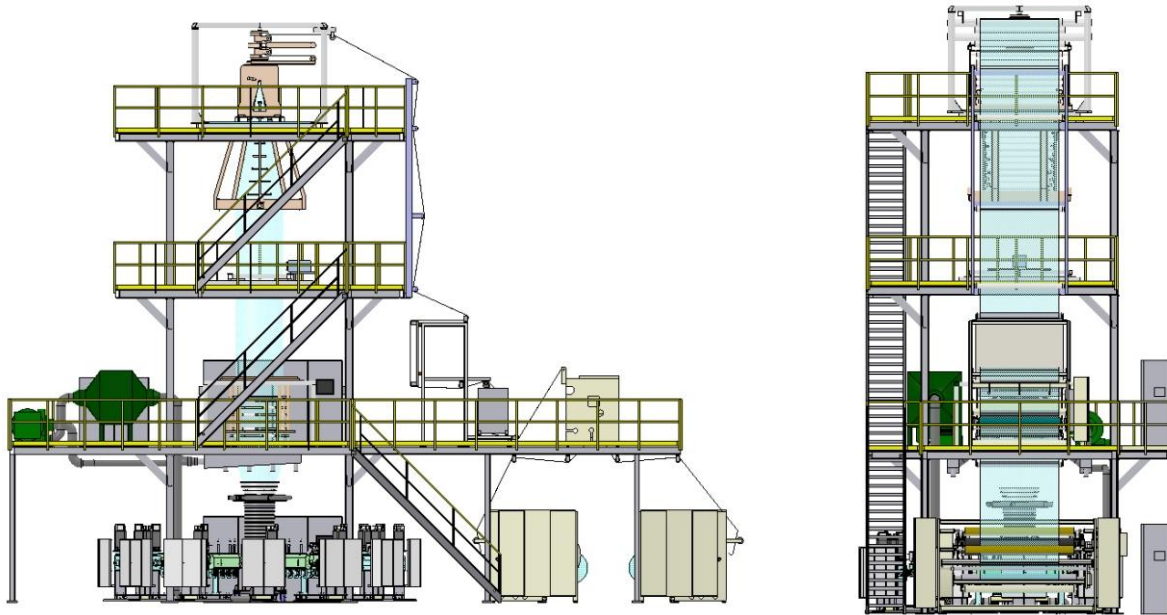
All models are equipped with Macro's patented extrusion die and air ring technology that ensures exceptionally flat film production that is free of gels.

Macro's sophisticated controls package simplifies line operation by automating basic procedures, making production easier and more reliable.

The line is available with either surface or turret winders in a variety of configurations to provide the winding flexibility to create the best roll quality for the application.

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Model	1200	1600	1800	2200	2600
Layflat Width (mm)	1200	1600	1800	2200	2600
Film Thickness Range (µm)	20 - 200	20 - 200	20 - 200	20 - 200	20 - 200
No. of Layers	5, 7, 9, 11	5, 7, 9, 11	5, 7, 9, 11	5, 7, 9, 11	5, 7, 9, 11
Typical Raw Materials	LDPE/LLDPE, mPE, HDPE, EVA, PP, PETG, PS, SBS Copolymers, PA (Nylon), EVOH, PVdC, Ionomers, Acid Copolymers, Tie Resins				
Maximum Production Speed (m/min)	150	150	150	150	150
Gauge Control System	ACCUPRO die-heater system, or D10 PRO air ring system				
Layer Monitoring	Individual layer thickness distribution monitoring				
Winders	Sheeting: Gap surface (optional reversible), turret, or stacked turret				
Maximum Roll Diameter (mm)	1500	1500	1500	1500	1500
Multiple Rolls, Maximum No.	4	4	4	4	4
Airshaft Diameters (mm)	76, 152	76, 152	76, 152	76, 152, 203	76, 152, 203



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