

Multi-Layer Co-Extrusion Blown Film Line

This unit employs multi-layer co-extrusion with downward blowing water cooling and film rotary traction technology. It is suitable for producing packaging films with barrier, sealing, and transparency properties from materials like LDPE, LLDPE, and PP.



Product Overview

High-Efficiency Co-Extrusion Technology

This Multi-Layer Co-Extrusion Blown Film Line utilizes advanced combined die head technology, downward blowing water cooling, and rotary traction systems. It is engineered to process various materials like LDPE, LLDPE, mLLDPE, and PP into high-performance packaging films. Designed to replace traditional CPP and BOPP films, this equipment delivers superior barrier, sealing, and transparency properties for food, medical, agricultural, and industrial packaging applications.

Technical Capabilities

Key Machine Features

Multi-layer Co-extrusion • Downward Water Cooling • Rotary Traction • Dual-station Center Winding • Four-station Rotary Winding

Compatible Raw Materials

LDPE, mLLDPE, LLDPE, PP, Binary Copolymer PP, Ternary Copolymer PP

Operational Metrics

Performance Metrics

8 m/min

Min Traction Speed

60 m/min

Max Traction Speed

100 r/min

Max Screw Speed

Technical Specifications

Model Specifications Comparison

Model	Layers	Max Film Fold Diameter (mm)	Output (kg/h)
MX3B-1700Q	3	1500	200
MX3B-1400Q	3	1250	150
MX3B-1200Q	3	1000	130
MX3B-900Q	3	750	110
MX2B-1400Q	2	1250	120
MX2B-1200Q	2	1000	90
MX2B-900Q	2	750	80

Film Thickness Range

0.02-0.08 mm