

# Multi-Layer Barrier Film Extrusion Line

This series of machines utilizes patented technology to manufacture barrier films. The film structures can reach three or more layers, providing high-performance plastic packaging materials.



## Product Overview

### High-Performance Barrier Film Solutions

This advanced multi-layer barrier film extrusion line utilizes cutting-edge patented technology to produce high-quality films with superior mechanical strength and transparency. Designed for versatility, the system supports both symmetrical and asymmetrical structures with three or more barrier layers. It is an ideal solution for manufacturing high-performance functional packaging materials for the food, medical, chemical, and industrial sectors.

## Technical Specifications

### Model Specifications

Feature	MX5B-1200Q	MX8B-1200Q
Layers	5	8
Production Capacity (kg/h)	250	350
Screw Diameter (mm)	155 x 5	155 x 8
Main Motor Power (kW)	22 x 5	22 x 8
Total Power (kW)	160	260
Dimensions (m)	9.1x7.9x7.1	18x9.5x11.5
Weight (t)	30	40

### Film Capabilities

**1025 mm**  
Max Film Width

**0.2 mm**  
Max Thickness

**45 m/min**  
Traction Speed

### Compatible Raw Materials

PP, PA, EVOH, mLLDPE, LLDPE, HDPE, EVA, Adhesives

## System Features

### Core System Features

- Flat superimposed streamlined die head
- Horizontal  $\pm 360^\circ$  rotation traction mode
- Double-stage water ring cooling system
- Double-station fully automatic winding system
- 30:1 Screw length-to-diameter ratio (L/D)