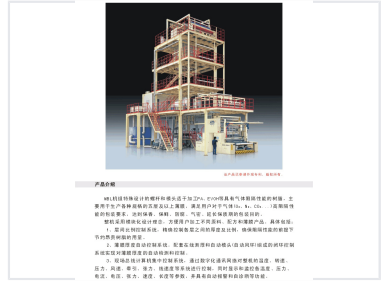


# Multi-Layer Film Extrusion Unit

This multi-layer film extrusion unit processes PA and EVOH resins to create films with gas barrier properties. It utilizes a modular design with interlayer ratio control and automatic film thickness control systems.



## Overview

### High-Performance Multi-Layer Film Extrusion

This Multi-Layer Film Extrusion Unit is engineered for the production of high-barrier films with five or more layers. Designed for versatility, it supports advanced resins like PA and EVOH to create packaging solutions that offer superior gas barrier properties, aroma retention, and extended shelf life. The system features a modular architecture, allowing operators to easily adapt to different raw materials, formulas, and film specifications.

## Technical Capabilities

### Barrier Applications

O2 Barrier • N2 Barrier • CO2 Barrier • Aroma Retention • Airtightness

### Layer Configuration

5 or more layers

### Compatible Resins

PA, EVOH

## Control Systems

### Automation & Monitoring

- Field bus computer centralized control
- Digital communication network
- Online thickness measurement
- Automatic air ring closed-loop control
- Automatic alarm system
- Self-diagnosis functions

### Monitored Parameters

- Temperature
- Pressure
- Current
- Voltage
- Tension
- Speed
- Length

### Interlayer Ratio Control

Yes

### Automatic Thickness Control

Yes