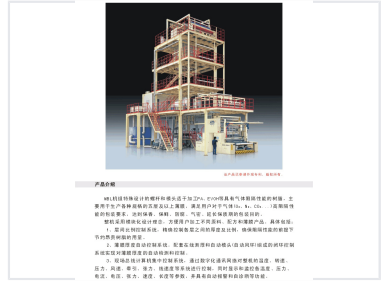


Multi-Layer Film Packaging Machine

This machine is designed for processing PA, EVOH and other gas barrier resins to produce five or more layers of film. It uses a modular design and precise control systems to achieve high barrier packaging for aroma retention, preservation, and extended shelf life.



Product Overview

High-Barrier Multi-Layer Film Production

The Multi-Layer Film Packaging Machine is engineered for the production of five-layer or higher films, specifically designed to process gas barrier resins like PA and EVOH. Its modular design allows for versatile processing of various raw materials and formulations, ensuring optimal gas barrier properties (O₂, N₂, CO₂) for enhanced aroma retention, freshness, and extended shelf life. The system integrates advanced controls for precision thickness management and efficient resin usage.

Technical Features

Interlayer Ratio Control	Yes
Thickness Management	Online thickness measurement with automatic die (automatic air ring) closed-loop control system

Control Systems

Monitored Parameters

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

Control Architecture	Field bus computer centralized control system
System Diagnostics	Automatic Alarm, Self-diagnosis, Digital Communication Network

Design & Application

Barrier Performance

O₂ Barrier • N₂ Barrier • CO₂ Barrier • Aroma Retention • Airtight

Compatible Resins	PA, EVOH, Gas Barrier Resins
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