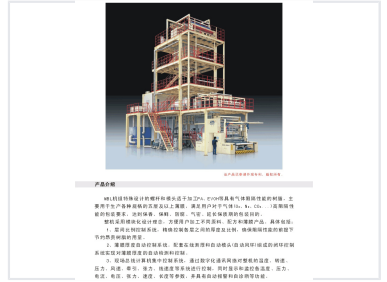


Multi-Layer Film Blowing Machine

This machine features screws and dies designed for processing PA, EVOH, and other gas barrier resins to produce multi-layer films. The modular design incorporates interlayer ratio control, automatic film thickness control, and a computer centralized control system.



Overview

High-Performance Multi-Layer Film Blowing Solution

This advanced MBL unit is engineered for the production of high-barrier multi-layer films, specifically designed to process materials like PA and EVOH. It utilizes a modular design concept, allowing for versatile processing of various raw materials and formulations to meet specific packaging needs. The system excels in providing high-barrier properties, ensuring excellent oxygen, nitrogen, and carbon dioxide barrier performance for extended shelf life, freshness, and aroma retention.

Technical Capabilities

Barrier Applications	Aroma Retention, Freshness Preservation, Anti-Corrosion, Airtight Packaging, Extended Shelf Life
Compatible Resins	PA, EVOH, Gas Barrier Resins

Control Systems

Control Features

- Interlayer ratio control system for thickness precision
- Automatic film thickness control via closed-loop system
- On-site bus computer centralized control system
- Digital communication network integration
- Automatic alarm and self-diagnosis functions

Monitored Parameters

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

Machine Design

Design Philosophy

Modular Design • High Efficiency • Precision Control