

Agricultural PE Film Blowing Machine with Gusset and Collapser

This machine produces polyethylene film for agricultural applications. It features a gusset and collapser system and supports film widths from 3 to 24 meters and thicknesses from 0.05 to 0.2mm.



ADDITIONAL IMAGES



Overview

High-Performance Agricultural Film Production

This advanced agricultural PE film blowing machine is engineered for the high-volume production of wide-format polyethylene films. Featuring an integrated gusset and collapser system, it provides precise control over film thickness, width, and properties, making it ideal for creating specialized greenhouse films. The robust construction ensures reliable, continuous operation in demanding industrial environments while optimizing downstream processing efficiency.

Technical Specifications

Film Functionalities

Anti-UV • Anti-fogging • Anti-dripping

Unfolding Width Range	3 - 24 meters
Film Thickness	0.2 mm
Co-extrusion Layers	5
Compatible Materials	PE, LDPE, LLDPE, HDPE, mPE, EVA, Master Batch, Recycled Materials

Machine Components

System Components

- Single-screw Extruder
- Screen changer
- Die head
- Air ring (cooling fan and connecting soft tube)
- Herringbone, plugboard and bubble cage
- First haul-off device
- Second haul-off device
- Rewinder device
- IBC inner cooling of film bubble
- Inverted triangle fold device

Performance Metrics

Traction & Winding Speed

30 m/min

Max Speed

Model Specifications

Model	Max Width (mm)	Die Diameter (mm)
3FM3200	6000	1000
3FM2800	8000	1100
3FM3000	10000	1450
3FM3500	12000	1600
3FM4500	14000	1900
3FM5000	16000	2300