

Greenhouse Film Extrusion Line

This greenhouse film blowing line produces film with a width range of 3 to 24 meters and a thickness of 0.05 to 0.2mm. It processes materials such as PE, LDPE, LLDPE, and EVA to create films with anti-UV, anti-fogging, and anti-dripping properties.



ADDITIONAL IMAGES



Overview

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This high-performance extrusion line is designed for the efficient production of multi-layer agricultural polyethylene films. Engineered for precision, the system supports co-extrusion of up to 5 layers, allowing for the creation of advanced films with superior light transmission, heat retention, and UV resistance. The robust design ensures uniform film thickness and consistent mechanical properties, making it an ideal solution for large-scale agricultural film manufacturing.

Production Capabilities

Co-extrusion Layers	5
Film Thickness Range	0.05 - 0.2 mm
Unfolding Width Range	3 - 24 meters
Film Functionalities	Anti-UV, Anti-fogging, Anti-dripping

Materials

Compatible Raw Materials

- PE
- LDPE
- LLDPE
- mPE
- EVA
- Master batch
- Recycled materials

Technical Specifications

Included Components

- Single-screw Extruder
- Screen changer
- Die head
- Air ring (cooling fan)
- Herringbone, plugboard and sizing cage
- Dual traction devices
- Rewinder device
- IBC inner cooling system

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