

Geomembrane Pond Liner Extrusion Machine

This machine is designed for producing geomembrane pond liners from HDPE, EVA and LDPE. It creates films with a wide range from 1 to 9 meters and a thickness of 0.2 to 2.2mm.



ADDITIONAL IMAGES



Overview

Industrial Geomembrane Extrusion Line

This high-performance blown extrusion line is engineered for the continuous production of premium geomembrane pond liners. Supporting a wide range of materials including HDPE, LDPE, LLDPE, and EVA, the system offers versatile layer configurations from 1 to 5 layers. Designed for durability and precision, this machine features advanced cooling, traction, and winding mechanisms to ensure consistent film thickness and quality for demanding waterproofing and lining applications.

Technical Specifications

Film Width Range	1 meters
Film Thickness	0.2-2.2mm
Co-extrusion Layers	1-5 layers
Compatible Materials	HDPE, LDPE, LLDPE, EVA, mPE, Recycled Materials

Performance Metrics

Maximum Output

1800 kg/g
Max Output

Machine Components

Included System Components

- Single-screw Extruder
- Screen changer
- Die head
- Air ring (cooling fan and connecting tube)
- Herringbone and sizing cage
- Traction device
- Rewinder device
- IBC inner cooling system
- Matched spare parts set

Model Comparison

Model Specifications

Model	Max Width (mm)	Layers	Max Output (kg/g)
TM3500	6000	1	700
2TM3500	6000	2	800
2TM4000	7000	2	1600
3TM4000	7000	3	1500
2TM5000	8000	2	1500
3TM5000	8000	3	1800

Certifications

Quality Certifications

ISO 9001 • CE • SGS Certified