

Geomembrane Extrusion Machine for Pond Liners

This geomembrane extrusion machine is designed for producing HDPE liners for fish farms and ponds. It features multi-layer co-extrusion and creates wide sheets of geomembrane material.



ADDITIONAL IMAGES



Overview

High-Performance Geomembrane Extrusion Line

This advanced geomembrane blown extrusion line is engineered for the high-volume production of durable HDPE, LDPE, and LLDPE liners. Designed for versatility, the system supports multi-layer co-extrusion and produces wide-format films suitable for critical applications like fish farm pond liners, reservoirs, and environmental waste containment. With precise control systems, it ensures consistent film thickness and high-quality output for demanding industrial and agricultural projects.

Technical Specifications

Machine Components

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

Performance Metrics

9 m

Max Film Width

2.5 mm

Max Film Thickness

5 layers

Max Layers

Material Compatibility

Processed Materials

HDPE, LDPE, LLDPE, Master batch, Recycled materials

Model Comparison

Model Specifications

Model	Max Width (mm)	Thickness (mm)	Layers
TM3500	6000	0.2-1.5	1
2TM3500	6000	0.2-2.5	2
2TM4000	7000	0.2-2.5	2
3TM4000	7000	0.2-2.5	3
2TM5000	8000	0.2-2.5	2
3TM5000	8000	0.2-2.5	3

Certifications

Compliance & Standards

CE • ISO 9001:2000 • SGS • CQC