

Geomembrane Extrusion Line for HDPE Liners

This geomembrane extrusion line is engineered for producing HDPE liners. It is capable of creating films with a wide range of thicknesses and widths, suitable for applications like fish farm pond liners.



ADDITIONAL IMAGES



Overview

High-Performance Geomembrane Extrusion Line

This advanced geomembrane extrusion line is engineered for the high-volume production of HDPE and LDPE liners, essential for applications such as fish farm pond construction and environmental containment. The system utilizes a multi-layer co-extrusion process, allowing for precise control over film thickness and material properties. With robust construction and integrated cooling systems, this machinery ensures consistent quality, durability, and chemical resistance in the finished geomembrane products.

Technical Specifications

Film Capabilities

9 m

Max Film Width

2.2 mm

Max Thickness

5 layers

Max Layers

Compatible Materials

HDPE, LDPE, LLDPE, EVA, mPE, Master batch, Recycled materials

Component Breakdown

Included Machine 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 film bubble cooling system
- Matched spare parts set

Model Comparison

Model Specifications

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