

# Polyethylene Foam Sheet Production Line

This PE foam sheet extrusion line is a comprehensive system for producing polyethylene foam sheets. It integrates material feeding, extrusion, foaming, shaping, cooling, and winding processes to create foam sheets of consistent quality and thickness.



## Overview

### High-Efficiency PE Foam Sheet Extrusion Line

This comprehensive polyethylene foam sheet production line integrates material feeding, extrusion, foaming, shaping, cooling, and winding processes into a single, efficient system. Designed for consistent quality, it features a robust extruder with precise temperature control to ensure uniform melting and mixing of PE materials. The advanced foaming unit creates a fine, uniform cell structure, while the precision winding unit ensures tension-controlled collection of finished sheets.

## Technical Capabilities

### Process Steps

- Material Feeding
- Extrusion
- Foaming
- Shaping
- Cooling
- Winding

### Key Features

Precise Temperature Control, Uniform Cell Structure, Tension-Controlled Winding, Consistent Sheet Thickness

## Applications

### Suitable Applications

Packaging • Insulation • Cushioning