

# Polyethylene Foam Sheet Production Line

The PE Foam Sheet Extrusion Line is a comprehensive system designed for the production of polyethylene foam sheets. This line integrates various components for material feeding, extrusion, cooling and shaping, cutting, and winding or stacking.



## Product Overview

### Comprehensive PE Foam Sheet Production

This Polyethylene Foam Sheet Extrusion Line is a fully integrated system engineered for consistent, high-quality foam sheet manufacturing. The line features advanced control systems for precise temperature regulation and speed adjustment, ensuring uniform melting and mixing through a specialized screw design. Designed for versatility, the system supports the production of foam sheets essential for packaging, thermal insulation, and protective cushioning applications.

## System Components

### Line Components

- Material feeding system
- Extruder unit
- Die head
- Cooling and shaping unit
- Cutting mechanism
- Winding or stacking system

## Technical Capabilities

### Key Performance Metrics

**1 High**

Control Precision

### Process Control Features

- Precise temperature regulation
- Speed adjustment
- Process monitoring
- Uniform melting and mixing

## Applications

### Common Use Cases

Packaging, Insulation, Cushioning