

# Meltblown Fabric Production Line

This equipment produces meltblown non-woven fabrics for filtration and hygiene applications. It includes polymer feeding, extrusion, die head, air heating, web forming, and winding systems for consistent fabric quality and efficient operation.



## Overview

### High-Efficiency Meltblown Production

This meltblown fabric production line is engineered for the high-volume manufacturing of PP and PET ultra-fine fiber nonwoven fabrics. The system ensures consistent output with excellent air permeability, high elasticity, and strong tensile strength. Designed to meet strict environmental standards, the equipment delivers non-toxic, odorless fabric suitable for critical hygiene and medical applications.

## Technical Process

### Production Workflow

- Screw Extruder
- Filter System
- Metering Pump
- Heating System
- Melt Blown Box
- Web Forming Machine
- Winding System

## Capabilities

### Performance Highlights

**1 High**

Operational Stability

**1 High**

Output Efficiency

## Applications

### Detailed Use Cases

Category	Products
Hygiene	Baby diapers, adult incontinence pads, sanitary napkins
Medical	Surgical masks, disposable clothing, surgical curtains, shoe covers
Technical	Civil/construction engineering, agriculture, automotive
Packaging	Shopping bags, rice bags, tea bags

### Primary Applications

Hygiene Products, Medical Supplies, Technical Engineering, Packaging, Household Items

## Material Properties

### Fabric Characteristics

Non-toxic • Odorless • High Elasticity • Good Air Permeability • Strong Strength