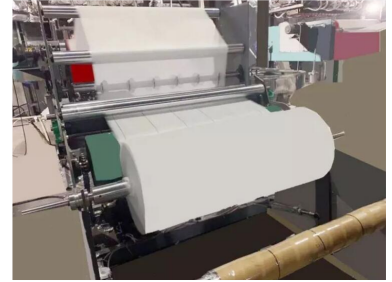


# 600mm PP Melt Blown Non Woven Fabric Machine

This machine produces non-woven fabrics using the melt-blown process with polypropylene as the raw material. It is capable of producing fabrics with various thicknesses and densities.



## ADDITIONAL IMAGES



## Overview



The complete AF-600mm production line integrating extrusion, air-blowing, and web-forming technologies.

## High-Performance Melt Blown Fabric Production

The AF-600mm is a professional-grade PP melt blown non-woven fabric machine backed by over 10 years of manufacturing expertise. It utilizes a single screw extruder and high-speed hot air stretching to produce microfibers as fine as 1 to 5 microns, resulting in fabrics with superior filtering, shielding, and insulation properties. This highly automated line is designed for the efficient production of materials used in medical masks, liquid filtration, and thermal insulation.

## Key Performance Metrics

### Performance Highlights

**200 kg/day**

Max Daily Capacity

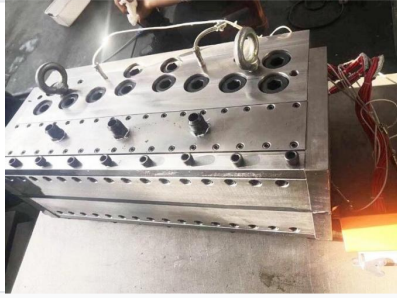
**600 mm**

Mold Width

**100 gsm**

Max Fabric Weight

## Technical Specifications



Multi-hole extrusion die featuring precise temperature control for uniform fiber distribution.

### Technical Data

Parameter	Value
Raw Material	100% New Polypropylene
Fiber Micro	15-30 $\mu$ m
Fabric Width	525mm
Fabric Thickness	2-5mm
Mole Hole Size	0.2-0.4mm (Customizable)

## Power & Energy

### Power Requirements

- Total Installed Power: 40-60kw
- Voltage: 380V
- Actual Running Consumption: 20-25KWH

## Operational Features



Key components including the robust frame and efficient air handling system designed for continuous operation.

### Machine Features

- Highly automated production line
- PLC controlled with touch-screen interface
- Well-known high-performance control elements
- Customizable main frame and auxiliary equipment configuration
- Integrated edge material recycling

## Applications



High-quality PP non-woven material produced using advanced melt-blowing technology.

### Common Applications

Air Filtration, Liquid Filtration, Medical Textiles, Isolation Materials, Oil Absorption, Wiping Cloths, Thermal Insulation

## Production Process



The 600mm wide production line equipped with automated winding and slitting functions.

### Working Process Flow

- Raw Material Feeding / Edge Recycling
- Melt Extrusion
- Meltblow Device Processing
- Web Forming Machine
- Winding and Slitting
- Finished Product Collection