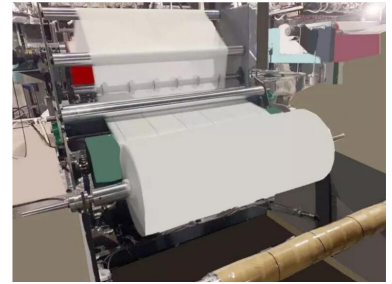


600mm PP Melt Blown Non Woven Fabric Machine

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

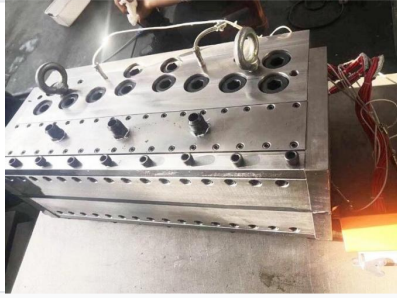
600 mm

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 μ 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