



NWMB series meltblown nonwoven fabric production line is based on Polypropylene (PP). After high-temperature melting directly sprayed microfibers, fiber diameter up to 2 to 5 microns, also the unique capillary structure of microfibers can increase the number of fibers per unit area and surface area, so that the meltblown nonwoven cloth has a good filtration, insulation and oil absorption.



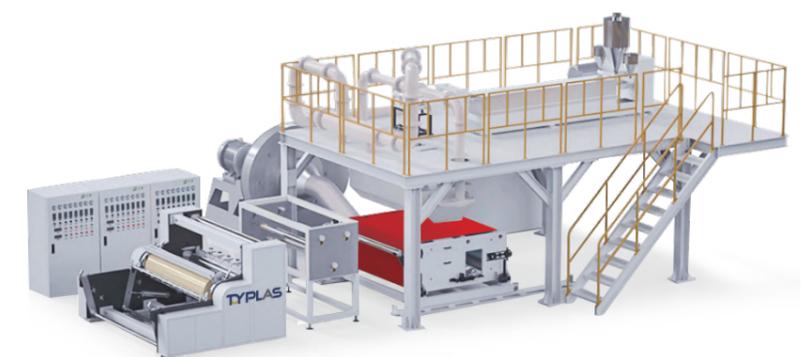
Medical and industrial N95 masks



Medical and surgical masks



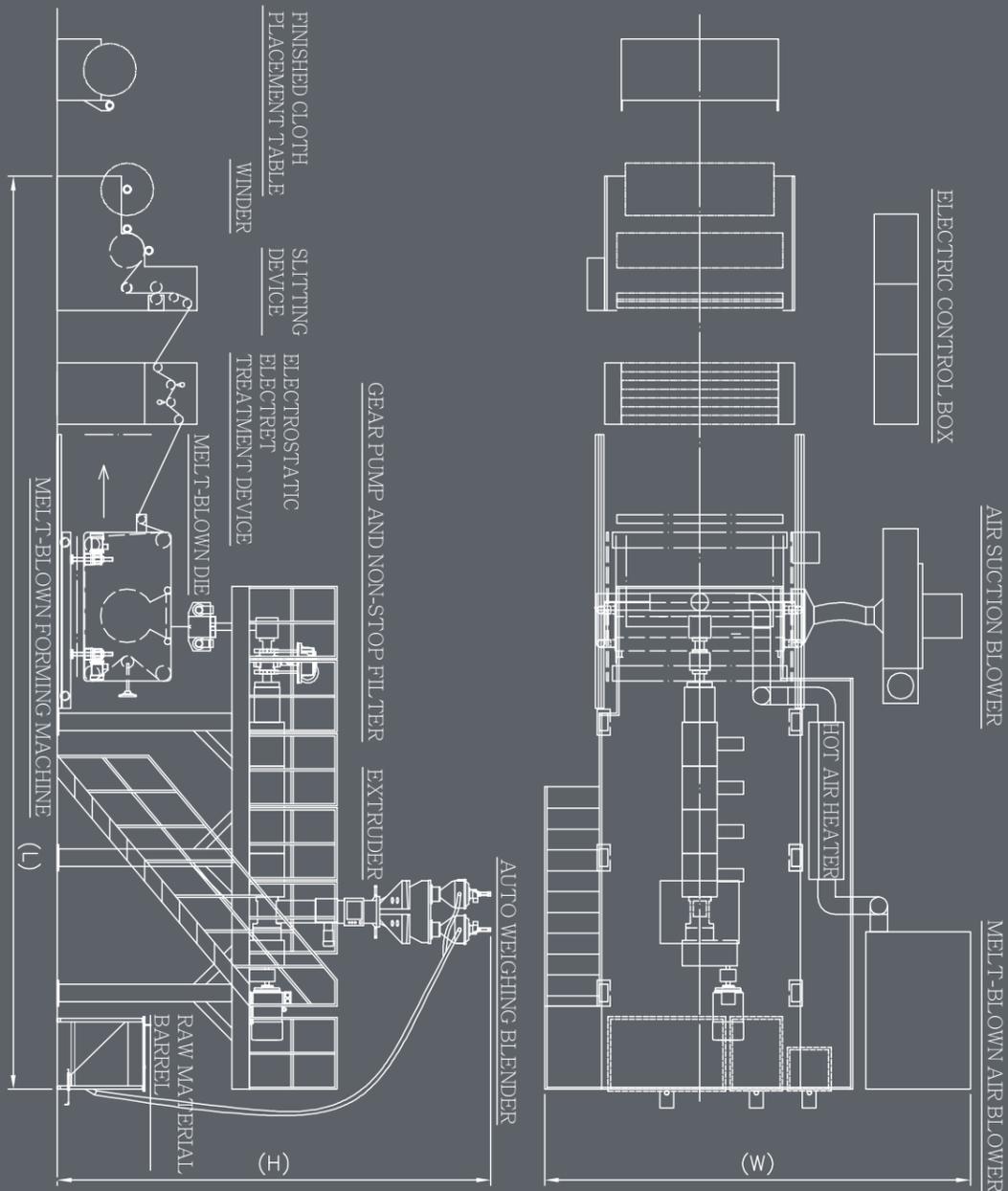
Industrial and activated carbon masks



PP Meltblown Nonwoven Fabric Making Machine / NWMB Series

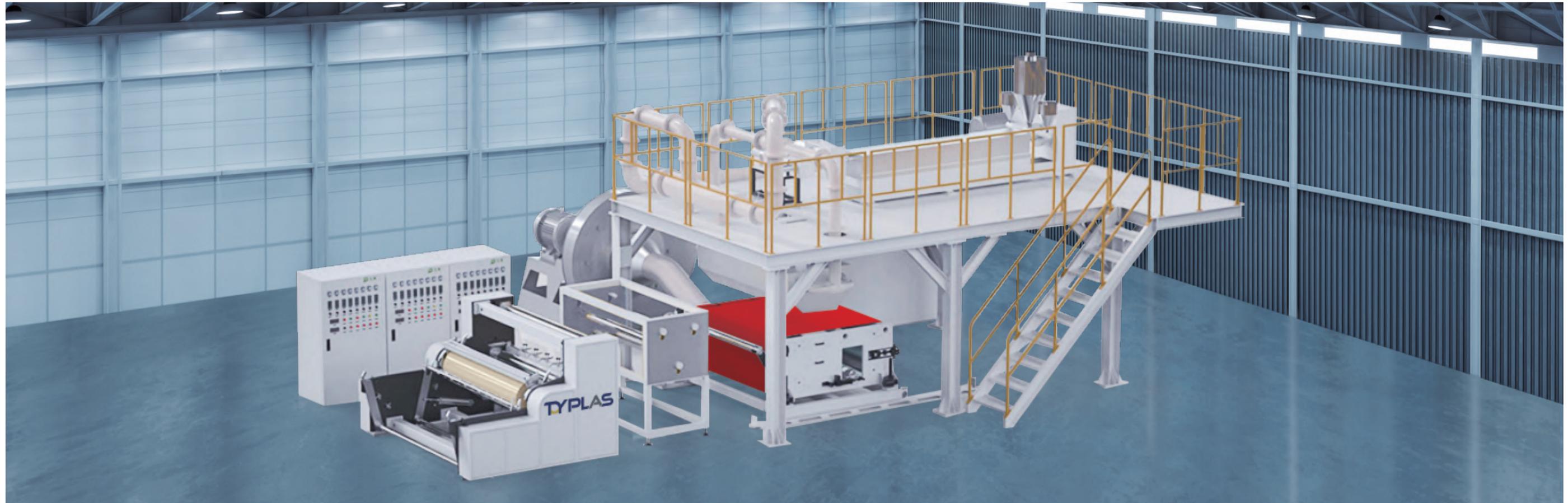
SPECIFICATION

ITEM / MODEL	TY-NWMB60-09S	TY-NWMB80-16S
Max. capacity	60 kgs / hr	90 kgs / hr
Max. line speed	10 - 40 m / min	10 - 40 m / min
Melt-blown gsm	20 - 35 gms / m ²	20 - 35 gms / m ²
Screw diameter & L/D ratio	60 mm / 32D	80 mm / 32D
Melt-blown die width	960 mm	1680 mm
Slitting cloth roll	5 rolls	9 rolls
Max. diameter of roll	600 mm	600 mm
L x W x H	10000 mm x 4500 mm x 5500 mm	9200 mm x 3700 mm x 5400 mm



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The winder is designed for automatic length calculation, cloth cutting and roll change, which is easy to operate.



The winder is equipped with slitting design to improve production efficiency.



Use device of electrostatic electret technology, and the static electricity is absorbed in the meltblown nonwoven fiber to improve filtering performance.



Nonwoven anti-sticking forming conveyor belt, electric lifting and moving design.



Use imported high quality steel to make precision spinneret hole of die, and the appearance is designed with insulation board.



Double layer auto filter change, Italian gear pump design for quantitative material supply.

APPLICATIONS OF MELTBLOWN NONWOVEN FABRIC:

Meltblown nonwoven products have a wide range of applications, including thermal insulation, oil absorption, air filtration, liquid filtration, medical materials, and composite materials.

Filter products

- H10-H14 high-efficiency filter material for air purifiers, air conditioners and dust-free rooms.
- Automotive air filter material.
- Face mask: N95, Medical and surgical masks, Industrial and activated carbon mask.

Thermal insulation products

- Snow jackets, snowshoes, gloves, cold-proof fillers, etc.

Oil absorption products

- Rivers to prevent and control pollution, oil absorption treatment, wipe cloth.

FEATURE & ADVANTAGES

- Max. Line speed: 40 m/min, maximum width: 1600mm, production specification 20-35 gsm*.
- Special screw design to produce high quality and stable discharge.
- PLC programming and human machine interface with interlocking operation and auto roller change.
- Using electrostatic electret technology, the static electricity is attached to the fibers of the meltblown nonwoven fabric. The filtration efficiency of masks and other filtration products can be greatly improved.
- The unwinder and winder through the automatic tension control system, which can keep the smoothness of the meltblown nonwoven fabric.
- Machine customization.



MAGUIRE blender(optional), and its function is to automatically cut and mix according to the proportion of raw materials.

NWMB OPTIONAL EQUIPMENT

EXTRUSION TAPE LINE	STANDARD	OPTIONAL
Maguire gravimetric batch blender	●	●
Water cooling system (Cooling tower & water pump)	●	●
Piston air compressor	●	●
Electric chain hoist device (Use for prepared winding shaft)	●	●
Finished cloth release device (Mechanical arm)	●	●
Finished cloth placed device (Removeable or fixed)	●	●