

Nanofiber Mask Filter Production Line

National High-tech Enterprises



As nanofibers industrialization leading enterprises, Qingzi Nano early in 2004 began to set up the team, has been developed and selling series of industrialization of nanofiber production line, have a reliable production technology solutions, and for the material of this outbreak instead of melt-blown fabric production provide a full range of production equipment and production instruction, can rapid delivery, let you mass production immediately, and solve the problem of melt-blown material shortage.

Our company was formally established in 2014, located in Foshan National High-tech Industrial Development Zone, focusing on the research and development of electrospinning nanofiber technology and equipment. In response to the epidemic situation, our company cooperated with the State Key Laboratory of Precision Electronic Manufacturing Technology and Equipment of Guangdong University of Technology, the Institute of Foshan Nanhai Collaborative Innovation of Numerical Control Equipment of Guangdong University of Technology, and the Jihua Laboratory to develop the production plan of nanofiltration membrane

Advantages of Nanofibers Over Melt-Blown Fabrics

At present, the melt-blown cloth on the market must be electrostatic electret treatment to have a good filtering effect, but static electricity in the case of breathing and light is easy to fail, lose the filtering performance, reduce the protection effect. This product is filtered by nanofiber, no electret treatment, longer service life, more skin-friendly bonding, suitable for long-term wear.



Width	1200 mm
Equipment Composition	Rewinding and unwinding system + solution truck + electric cabinet + drying oven + spinning workshop
Capacity	4000-8000 SQM /24h (Meet the material requirements of 100,000-200,000 face masks, 25-30 masks/SQM)
Filtration Efficiency	0.3 micron non-oily particles: 65%~80%
Air Permeability	<17pa
Cost	\$0.0029 ~ \$0.0058 / mask
Source of Raw Materials	After ordering the equipment, we provide the mask filter formula, customers order the raw materials from the market
Production Worker	1~2people
Overall Dimensions	Length: 9.5m* width: 5m* height: 2.5m
Equipment Power	20kw
Lead-time	20 ~ 30 days