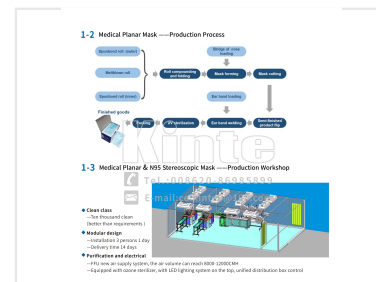


Medical Mask Production Machine

This automated machine is designed for high-speed production of medical protective masks. It uses ultrasonic welding technology and a PLC for precise control of material feeding, folding, cutting, and sealing.



ADDITIONAL IMAGES



Overview

High-Efficiency Mask Production System

This automated machine is designed for the high-speed, large-scale production of medical protective masks, including N95 and surgical variants. It features advanced ultrasonic welding technology and a programmable logic controller (PLC) for precise control over material feeding, folding, cutting, and sealing. The system is engineered for consistent quality and high output, suitable for professional manufacturing facilities.

Technical Specifications

Supported Raw Materials

- Spunbond non-woven fabric (PP)
- Meltblown sol non-woven fabric (PP)
- Ear bands
- Nose bridge tendons

Mask Construction

3-Layer SMS • Leak-proof • High-density filter layer

Production Process Steps

- Material input (Spunbond/Meltblown)
- Roll compounding and folding
- Mask forming and cutting
- Nose bridge and ear band loading
- Ear band welding
- UV sterilization
- Packaging

Compatible Mask Types

Medical Planar Mask, N95 Stereoscopic Mask, Surgical Mask

Facility Requirements

Clean Room Classification	Ten thousand clean class
FFU Air Supply Volume	10000 CMH
Sterilization & Lighting	Ozone sterilizer, LED lighting system

Logistics

Installation Time	3 persons, 1 day
Delivery Time	14 days