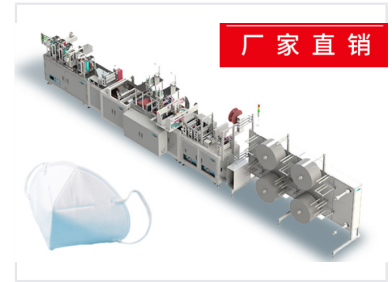


# N95 Particulate Respirator Production Machine

This high-speed machine produces N95 particulate respirators. It integrates material feeding, folding, ear loop welding, and mask cutting.



## Overview

### High-Efficiency N95 Production

This fully automatic folding mask making machine is engineered for high-volume production of N95 particulate respirators. The system integrates a comprehensive manufacturing process, including raw material feeding, nose strip cutting, ultrasonic fusion, and final cutting. With computer-controlled operations and automated tension management, it ensures consistent output quality and minimal waste.

## Performance Metrics

### Production Speed

**50 pcs/min**

Max Output

Production Yield Rate	98 %
-----------------------	------

## Technical Specifications

Machine Dimensions	8500 (L) x 1200 (W) x 1800 (H) mm
Power Consumption	8.5 kw
Voltage	Three-phase 220V

## Raw Material Requirements

### Material Specifications Table

Material Type	Width (mm)	Weight (g)
PP Non-woven	260	40
Side Filter Cotton	260	30
Melt Blown	260	30
Non-woven Fabric	260	18

Nose Strip Compatibility	Double core metal strip d 5mm width
--------------------------	-------------------------------------

## Key Features

### Automation Capabilities

- Automatic tension control
- Computer program control
- Photoelectric material detection
- Total and batch counting functions
- Mold-changeable design for various sizes

### Build Quality

Aluminum Alloy Structure, Rust-resistant, High Stability