

# N95 Respirator Production Machine

This machine is designed for the automated production of N95 respirators. Its features include material feeding, folding, nose clip insertion, ear loop welding, and mask forming.



## ADDITIONAL IMAGES



## Overview

### High-Efficiency N95 Production Line

This fully automatic folding mask production line is engineered for the high-speed manufacturing of N95 respirators. Utilizing advanced PLC and touch-screen controls, the system manages the entire process from multi-layer non-woven fabric feeding to final ultrasonic welding and cutting. Designed for precision and stability, it ensures consistent output with minimal defect rates, making it an ideal solution for medical, electronic, and industrial PPE manufacturing.

## Performance Metrics

### Production Speed

**60 pcs/min**

Max Speed

**2 %**

Defect Rate

## Technical Specifications

Machine Dimensions	12000 x 1500 x 1900 mm
Machine Weight	2500 kg
Power Requirements	AC380V, 3phase, 50/60Hz
Power Consumption	15 Kw
Demand Pressure	0.7 Mpa

## Product Capability

Supported Mask Types	N95, 4-5 Layers, Folding Mask
Finished Mask Size	155 x 106 mm

## Operating Environment

### Environment Requirements

Parameter	Value
Temperature	10-35°C
Humidity	5-35% HR
Cleanliness	e 100,000