

# 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 |