

# Semi-Automatic N95 Respirator Machine

This semi-automatic machine produces N95 respirators through automated shaping, sealing, and cutting. It features a control panel for parameter adjustments and a robust frame ensuring consistent mask production.



## Product Overview

### Semi-Automatic N95 Respirator Production

This semi-automatic machine is engineered for the efficient manufacturing of N95 and KN95 face masks. It combines high production speeds with precision engineering to ensure consistent quality in every unit. Designed with maintenance in mind, the system includes automated diagnostic alerts to minimize downtime and streamline operations for a single operator.

## Performance & Capacity

### Key Production Metrics

**120 pcs/min**

Max Production Speed

**144000 masks/day**

Daily Capacity

### Precision Tolerances

- Edge sealing precision:  $\pm 0.5\text{mm}$
- Production precision:  $\pm 1\text{mm}$

## Technical Specifications

|                 |                       |
|-----------------|-----------------------|
| Dimensions      | 4600 x 1138 x 2000 mm |
| Weight          | 1000 kg               |
| Power Supply    | AC220V, 50Hz, 10kw    |
| Air Consumption | 10 L/min              |

## Operational Details

|                      |   |
|----------------------|---|
| Personnel Required   | 1   |
| Lead Time            | 7-10 days   |
| Maintenance Features | Automated Error Detection, Alarm System, Guided Troubleshooting, Easy Maintenance |