

# 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