

Flat Face Mask Forming and Sealing Machine

This machine automates the production of flat face masks through material handling, folding, and sealing. It integrates nose bridge insertion, mask forming, and edge sealing using ultrasonic welding for efficient and consistent output.



ADDITIONAL IMAGES



Product Overview

Automated Mask Production Solution

This specialized machine is engineered for the high-volume, automated production of flat-type face masks. It integrates a comprehensive suite of processes, including material feeding, precise fabric folding, nose bridge insertion, and ultrasonic edge sealing. Designed for continuous operation, the system utilizes programmable logic controllers to ensure consistent output quality and efficiency in demanding manufacturing environments.

Performance Metrics

Production Capacity

160 pcs/min

Max Capacity

Total Power Consumption

6 kW

Power Usage

Technical Specifications

Power Supply	1PH/220V/50Hz
Ultrasonic Frequency	15 kHz
Compressed Air Pressure	5 kgf/cm ²
Standard Mask Size	175x95mm
Supported Plies	3

Process Capabilities

Key Production Processes

- Automatic fabric folding and hemming
- Integrated nose bridge unrolling and cutting
- Precision nose bridge insertion
- Four-side ultrasonic welding
- Automated final shape cutting