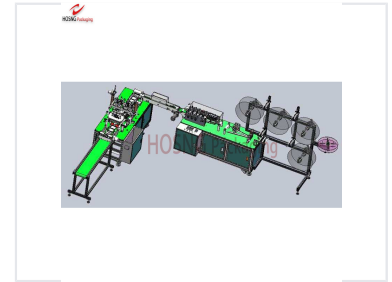


# Automated Face Mask Production System

This automated system is designed for high-volume production of disposable face masks. It integrates material feeding, folding, shaping, ear loop welding, and cutting processes.



## Overview

### Automated Face Mask Production System

This fully automatic face mask production system is designed for high-efficiency manufacturing. It integrates a body-forming machine with an ear-loop welding unit, utilizing a conveyor belt structure to seamlessly flip and transport mask bodies for final processing. The system features precise PLC control and touch-screen operation, ensuring stable performance, adjustable speeds, and consistent output quality for surgical and dust masks.

## Technical Specifications

### Drive Mechanism

- Single-phase motor transmission (Main conveyor)
- Stepping motor (Turnover mechanism)

### Control System

PLC with touch screen interface

### Production Process

Material Feeding, Folding, Shaping, Ear Loop Welding, Cutting

## Performance Metrics

### Operational Features

Fully Automatic • Adjustable Speed • Stable Control • Accurate Transmission

## Application

### Compatible Products

- Surgical Masks
- Dust Masks