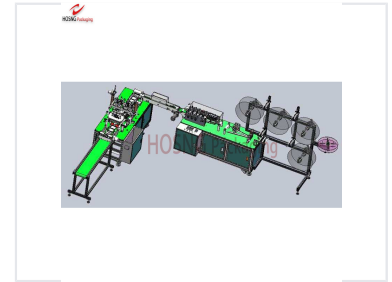


# Automated Face Mask Production Line

This automated face mask production line is designed for high-volume manufacturing. The machine integrates multiple processes, including material feeding, folding, shaping, ear loop welding, and cutting, to produce finished face masks efficiently.



## Overview

### Automated Face Mask Production Line

This fully automated face mask production line integrates body manufacturing and ear-loop welding into a single, seamless process. Utilizing advanced PLC and touch-screen controls, the system ensures precision, stable operation, and adjustable production speeds. It is engineered for high-efficiency manufacturing, automating the folding, conveying, and welding stages to deliver consistent, high-quality surgical masks.

## Technical Specifications

### Transmission Mechanism

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

### Control System

PLC with Touch Screen Interface

### Operational Features

Fully Automatic, Adjustable Speed, Stable Control, Accurate Transmission

## Process Workflow

### Production Workflow

Step	Description
1	Mask body production
2	Conveyor belt transfer
3	Automatic flipping/positioning
4	Ear-loop welding