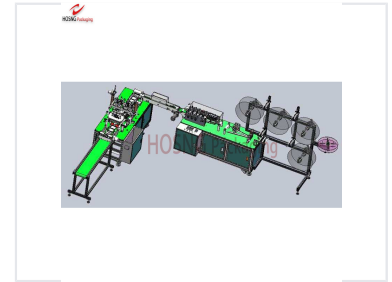


Automated Face Mask Production System

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