

Automated Face Mask Production Machine

This automated machine is designed for the high-volume production of disposable face masks. The system integrates material feeding, folding, cutting, and welding stations and uses a PLC for precise control.



ADDITIONAL IMAGES



Overview

Automated Mask Manufacturing Solution

This automated production system is engineered for the high-speed manufacturing of flat earloop masks. The equipment seamlessly integrates essential processes including material feeding, folding, nose bridge insertion, welding, and final cutting. Designed for efficiency and hygiene, it is suitable for producing masks for various applications, ranging from general daily use to medical and industrial environments.

Capabilities

Integrated Processes

- Material feeding
- Folding and pressing
- Nose bridge tendon feeding
- Mask forming
- Earloop welding
- Finished product cutting

Compatible Mask Types

Flat masks, Pleated designs

Technical Specifications

Construction Materials

- Aluminum frame
- Stainless steel components

Control System

Programmable Logic Controller (PLC)

Welding Technology

Ultrasonic welding

Safety and Compliance

Safety Features

- Emergency stop buttons
- Protective enclosures

Certifications

CE • ISO 9001 • UKAS