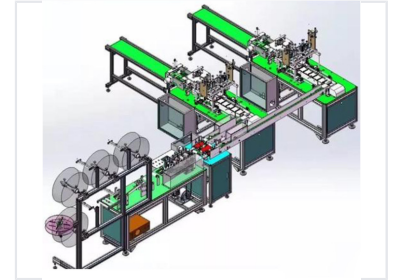


Automated Face Mask Production Line

This automated face mask production machine is designed for high-volume manufacturing. The system integrates material feeding, folding, shaping, ear loop welding, cutting and quality control processes to produce disposable face masks efficiently.



Overview

High-Efficiency Mask Production

This high-speed surgical mask production line is engineered for the automated manufacturing of disposable non-woven face masks. It features a compact, rust-resistant aluminum alloy frame and utilizes advanced PLC control systems for stable, reliable operation. The system integrates multiple stages, including material unwinding, nose rib insertion, folding, welding, and ear loop attachment, to deliver a fully automated, high-output production solution.

Technical Specifications

Control System	Mitsubishi PLC
Frame Material	Aluminum alloy profile
Production Capability	Surgical Masks, Disposable Masks, High-Speed

System Components

Integrated Modules

- Non-woven fabric roll placement rack
- Mask body machine lamination
- Nose rib automatic straightening and cutting
- Automatic folding, welding, and cutting
- Transfer conveyor belt
- Ear belt welding machine
- Automatic blanking conveyor belt

Key Operational Benefits

Compact Structure • High Loading Rate • Stable Operation • Rust-Resistant Design