

Automated Pipe Labeling Machine

This high-speed machine automates the application of labels to cylindrical pipes. It features an integrated control panel and conveyor for efficient material handling.



Overview

High-Speed Automated Pipe Labeling Solution

This high-speed pipe labeling machine is engineered for efficient straw application on aseptic brick bags, top cartons, and various food packaging formats. Featuring advanced PLC control and a user-friendly touch screen interface, the system ensures precise, automated operation. By automating the transportation, positioning, and application processes, this equipment significantly reduces manual labor while maintaining high throughput and reliability in industrial packaging environments.

Technical Specifications

Key Components

- High-frequency solenoid valves
- High-speed servo system
- Hot melt rotary positioning motor
- Hot melt adhesive applicator
- Pneumatic control actuators

Control System

PLC Control with Human-Machine Interface (HMI) Touch Screen

Automation Capabilities

Straw Transportation, Automatic Positioning, Fault Alarm System, High-Speed Servo System

Operational Metrics

Operational Benefits

100 %

Automation Level