

Rotary Automatic Screen Printing Machine for Balloons

This automatic screen printing machine is designed for balloons. It features a computerized central control system with a touch screen interface and imported servo motor drive for stability and printing accuracy.



Overview

High-Efficiency Rotary Balloon Printing

This rotary automatic screen printing machine is designed for high-volume balloon decoration with a computerized central control system and a user-friendly touch screen interface. It features an imported servo motor drive to ensure overall stability and a high printing accuracy of ± 0.05 mm. Engineered for reliability, the machine components undergo strict quality control to ensure minimal maintenance and a long service life in industrial environments.

Performance Metrics



Integrated conveyor system ensures continuous balloon feeding and removal for maximum throughput.

Key Performance Metrics

3600 pcs/h
Max Output

0.05 mm
Printing Accuracy

1.5 kW
Main Engine Power

Technical Specifications



The centralized control panel allows operators to adjust printing parameters with high precision.



Detail of the pneumatic inflation system designed for consistent balloon sizing and accurate print placement.

Production Capacity	3200-3600 A/H
Physical Dimensions	L 7.5m x W 1.2m x H 1.7m
Atmospheric Pressure	0.8 MPa
Air Consumption	0.6 m3/H
Control System	Computerized central control with graphic touch screen interface
Drive System	Imported servo motor drive

Required Equipment

Required Air Compressor

Requirement	Specification
Pressure	0.8 MPa
Flow Rate	0.4 m3/h
Note	Separate purchase required

Features & Capabilities



The multi-station setup allows for precise alignment and high-speed ink application during continuous production.

Key Features

- Rotary multi-station configuration
- Automated inflation and deflation capabilities
- Conveyor system for continuous feeding
- Adjustable printing stations for various balloon sizes
- Pneumatic components for smooth operation
- Multi-color design support

Compliance

Certifications

CE