

Automated Screen Printing Machine for Continuous Roll Materials

This machine prints on reel material including PVC, OPP, and dacron, as well as security marking and adhesive tape. It is designed for continuous operation using a roll-to-roll system.



ADDITIONAL IMAGES



Product Overview

High-Precision Roll-to-Roll Screen Printing

This automated screen printing machine is engineered for high-accuracy, continuous printing on various reel materials including PVC, OPP, Dacron, and adhesive tapes. It utilizes advanced servomotor control for both material transfer and the scrape blade system, ensuring consistent registration and high-quality output. Designed for industrial efficiency, the machine features a PLC touch screen interface, automatic counting, and an integrated drying tunnel.

Technical Capabilities

Control Features

- PLC touch screen control
- Photocell printing position registration
- Servomotor-driven material transfer
- Servomotor-driven scrape blade system
- Frequency inverter for drying tunnel speed regulation

Compatible Materials

PVC, OPP, Dacron, Security Mark, Adhesive Tape

Performance Metrics

Key Performance Indicators

1 Continuous

Operational Mode

1 Photocell

System Alignment

Operational Advantages

High chromatic accuracy • Steady material transfer • Automatic counter • Safety alarm system • Compact structure