

Computerized Color Register Rotogravure Press

This high-precision printing machine is designed for multi-color printing on flexible materials. It features computerized color registration for accurate and consistent print quality.



Overview

High-Precision Rotogravure Printing

The Computerized Color Register Rotogravure Press is engineered for high-precision, multi-color printing on flexible substrates such as plastic films, paper, and aluminum foil. It features an advanced automatic color register system with microprocessor control to ensure rapid and accurate deviation correction. Designed for efficiency in the packaging and label industries, the press integrates sophisticated tension control, ink management, and drying systems for consistent, high-quality output.

Printing Performance

Optional Upgrades

- Web video inspection system
- Five vector motor closed-loop tension control
- Seven vector motor closed-loop tension control

Color Register System	Automatic microprocessor-controlled system for rapid deviation correction
Cylinder Loading	Shaftless printing cylinder loading with air chuck fixation
Monitoring & Display	Printing linear speed, Meter counting display

Mechanical & Control

Tension Control System

- Automatic tension controller
- Load cell integration
- Magnetic powder brake (unwinding)
- Torque motor (rewinding)

Drive System	Main motor with frequency converter for precise speed regulation
Pneumatic Components	Impressing system, Doctor blade system, Ink auto-circulating system, Inflatable air shafts

Drying & Ink

Drying System	Closed oven with independent hot air blowing and automatic constant temperature control
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