

# 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

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

## Mechanical & Control

### Tension Control System

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

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

## Drying & Ink

<b>Drying System</b>	Closed oven with independent hot air blowing and automatic constant temperature control
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