

INSPECTION | SLITTING | REWINDING

VSI series



Efficient traditional roll-to-roll label finishing
Workflow enhancements improve productivity
Outstanding reliability in fast-paced production environments

 **ROTOFLEX**

Drive a new workflow dimension

The inspection and rewind function has changed a lot in recent years. Rotoflex can help converters impact productivity and output by creating efficiencies in many aspects of the finishing operation. Shorter runs and new printing workflows have reshaped the needs of today's rewind machines. Modifying or simplifying operator steps and functions by just a few seconds can refresh any high production workflow.

A complete, reliable inspection rewind solution.

Technology enhanced – VSI evolves

Traditional, high production inspection and rewinding is about knowing where speed and accuracy come together for consistent and reliable production. Rotoflex has broken down the finishing operation in terms of workflow segments. Productivity characteristics that save measurable time and increase efficiency are the focus of Rotoflex machine design. Workflow enhancements continue to evolve the VSI product line.

Finishing Workflow Segments

Machine Operation

- Drive more bottom line profit by increasing throughput for an entire operation with workflow enhancements

Job Cycle Operations

- Improve cycle time through redefined workflow and operator efficiency

VSI Features

The Rotoflex VSI is the most widely used model in traditional label and printed roll-to-roll inspection and rewinding. It is known for a high level of accuracy in demanding production environments.

- Unmatched defect detection and quality management
- Consistent output through automated tension management
- Precision slitting – efficient, accurate operation
- Optimized for the operator – convenient, user-friendly interface
- Save time and space – compact design is easy to access and operate



Operator-centric

- Primary functions designed with instant access to controls for optimized operator responsiveness
- URC 2.0 system with 15 inch/381mm monitor is intuitive, easy to reach and gives operator complete control



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Ergonomic

- Low working heights provide easy-access and efficient operator use
- Lower splice table and slitter provide more comfortable working heights, reducing operator fatigue and increasing output



Workflow enhanced

- Improved access to web path maximizes set-up and improves change-over efficiency
- Versatile web path allows fault placement in multiple locations
- Easy vision system integration

Flexible

- Unwind design is modular and expandable for future configurations/applications
- Vision system mounting areas standard on most configurations



VSI Features

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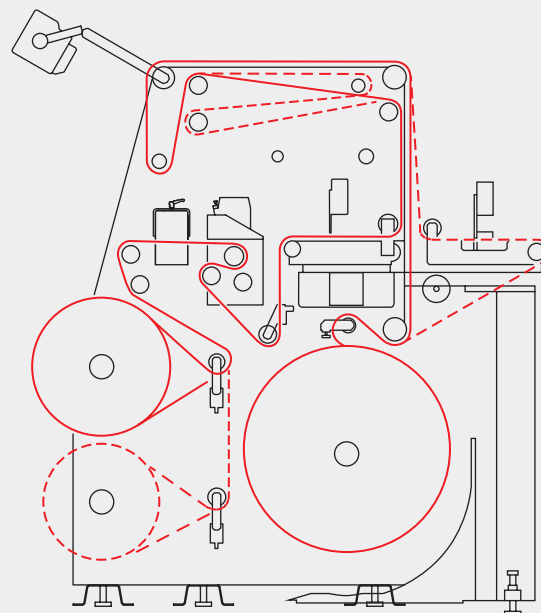
URC 2.0 Control System

- Report Management System (RMS)
- High-performance processor
- Most advanced defect detection system available
 - Linear – independent stream count
 - MMLD – 100% missing matrix and label detection
 - Precise fault placement at editing table
- Automatic sensor calibration reduces set-up time and waste

eDrive 2.0

- Better use of power which results in better roll characteristics
- Seamless roll quality at any speed and with any speed changes
- Faster acceleration and deceleration with maximum control
- Increases production effectiveness and preserves roll quality

Web Path



Specifications

VSI	Imperial	Metric
Web Width	13.25/17.25 inch	330/440 mm
Max Speed <i>May vary with application</i>	1000 fpm	305 mpm
Max Unwind Capacity	28 inch	711 mm
Rewind Capacity	18 inch	457 mm
Max Single Spindle Rewind Diameter	18 inch	457 mm
Max Dual Spindle Rewind Diameter	16 inch	406 mm

Options

Crush Slitter	Web Gripper-Feeder
Slitter Cartridge	40 inch/1016mm Unwind
Shear Slitter	Anti Static Equipment
Razor Slitter	Clear-on-Clear Label Count
Ultrasonic Web Guide Sensor	Matrix and Missing Label Detection
Flag & Splice Detection	Dual Rewind
High Intensity Strobe	Complete Range of Inspection Systems
Waste Wind-Up	Variable Data Printing
Roll Lift	

Ask your Rotoflex representative about all available options and custom configurations.

With a mission to serve as your **Total Solutions Partner**, our global team is committed to delivering high quality, innovative solutions and support to help you drive profitability. Mark Andy responds to business needs by offering a broad range of equipment, education, support and supplies to printers and converters around the world.

Partnering with Mark Andy means access to leading global brands with **Mark Andy** narrow and mid-web printing presses, **Rotoflex** finishing solutions, and a complete line of **Mark Andy Print Products** consumables and pressroom supplies. All Mark Andy products are supported by the largest customer service team in the industry, committed to delivering spare parts, technical service, PM programs, retrofits and rebuilds, as well as dedicated hands-on training through **Mark Andy University**.

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