**VSI Features**

The Rotoflex VSI is the most widely used machine in traditional roll-to-roll label inspection, slitting and rewinding. It is known for its outstanding reliability in demanding production environments.

**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

**Specifications**

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

**Options**

- Crush Sitter
- Web Gripper-Feeder
- Sitter Cartridge
- 40 inch/1016mm Unwind
- Shear Sitter
- Anti Static Equipment
- Razor Sitter
- 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

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.

For your local representative go to rotoflex.com/dealerlocator

Global Headquarters
18081 Chesterfield Airport Road
Chesterfield, MO USA 63005
Tel +1 636 532 4433
Fax +1 636 532 1510
Email sales@rotoflex.com

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

rotoflex.com
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

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

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

A complete, reliable inspection rewind solution.
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 measureable 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 setting – efficient, accurate operation
- Optimized for the operator – convenient, user-friendly interface
- Save time and space – compact design is easy to access and operate

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

Flexible

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

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

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

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.
VSI Features
The Rotoflex VSI is the most widely used machine in traditional roll-to-roll label inspection, slitting and rewinding. It is known for its outstanding reliability in demanding production environments.

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

Specifications

<table>
<thead>
<tr>
<th>VSI</th>
<th>Imperial</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web Width</td>
<td>13.25/17.25 inch</td>
<td>330/440 mm</td>
</tr>
<tr>
<td>Max Speed</td>
<td>28 inch</td>
<td>711 mm</td>
</tr>
<tr>
<td>Max Single Spindle Rewind Diameter</td>
<td>18 inch</td>
<td>457 mm</td>
</tr>
<tr>
<td>Max Dual Spindle Rewind Diameter</td>
<td>16 inch</td>
<td>406 mm</td>
</tr>
<tr>
<td>Max Unwind Capacity</td>
<td>18 inch</td>
<td>457 mm</td>
</tr>
<tr>
<td>Rewind Capacity</td>
<td>18 inch</td>
<td>457 mm</td>
</tr>
<tr>
<td>Max Single Spindle Rewind Diameter</td>
<td>18 inch</td>
<td>457 mm</td>
</tr>
<tr>
<td>Max Dual Spindle Rewind Diameter</td>
<td>16 inch</td>
<td>406 mm</td>
</tr>
<tr>
<td>Options</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crush Slitter</td>
<td>Web Gripper-Feeder</td>
<td></td>
</tr>
<tr>
<td>Slitter Cartridge</td>
<td>40 inch/1016mm Unwind</td>
<td></td>
</tr>
<tr>
<td>Shear Slitter</td>
<td>Anti Static Equipment</td>
<td></td>
</tr>
<tr>
<td>Razor Slitter</td>
<td>Clear-on-Clear Label Count</td>
<td></td>
</tr>
<tr>
<td>Ultrasonic Web Guide Sensor</td>
<td>Matrix and Missing Label Detection</td>
<td></td>
</tr>
<tr>
<td>Flag &amp; Splice Detection</td>
<td>Dual Rewind</td>
<td></td>
</tr>
<tr>
<td>High Intensity Strobe</td>
<td>Complete Range of Inspection Systems</td>
<td></td>
</tr>
<tr>
<td>Waste Wind-Up</td>
<td>Variable Data Printing</td>
<td></td>
</tr>
<tr>
<td>Roll Lift</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.

For your local representative go to rotoflex.com/dealerlocator

Global Headquarters
18081 Chesterfield Airport Road
Chesterfield, MO USA 63005
Tel +1 636 532 4433
Fax +1 636 532 1510
Email sales@rotoflex.com

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