

# Web Guide Upgrade Kit

## Roll-2-Roll® Upgrade Kit

Upgrade Your Old Web Guiding System to the Latest Technology in Web Guiding

### Key Features

- **Direct replacement design** – retrofits existing legacy guide frames
- **Zero recalibration sensors** – eliminates daily calibration routines
- **Modern industrial Ethernet** – integrates with current PLC/SCADA systems
- **Compatible actuators** – drop-in replacements for legacy actuators
- **Plug-and-play installation** – minimal downtime for upgrade

### Benefits

- **Stop paying legacy parts premiums** – 50-200% markups for obsolete components
- **Eliminate parts shortage downtime** – weeks waiting for discontinued parts
- **End vendor support frustration** – modern equipment with active support
- **Remove daily calibration labor** – zero recalibration sensing technology
- **Prevent catastrophic failure risk** – replace aging equipment before it fails
- **Stop compatibility headaches** – native industrial Ethernet protocols

### Specifications

<b>Kit Includes</b>	Sensor (ODC/1DC) + Controller (SCU5/SCU6x) + Actuator + Adapter Brackets + Cables		
<b>Compatible Systems</b>	Fife, AccuWeb, Erhardt+Leimer (E+L), BST, Coast Controls (contact factory for specifics)		
<b>Sensor Technology</b>	Fiber optic (diffuse-reflective)	<b>Repeatability</b>	>99.9%
<b>Industrial Ethernet</b>	EtherNet/IP, PROFINET, EtherCAT (on C models)		
<b>Installation Time</b>	Typically 50% less than full replacement	<b>Cost</b>	Typically 50% less than full replacement

## Applications

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- Replacement of aging legacy web guides
- Modernization of older converting lines
- Integration of legacy equipment with modern controls
- Elimination of obsolete parts dependencies

## Compatibility

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### SUPPORTED LINE SPEEDS

0-100 fpm

### SUPPORTED MATERIAL TYPES

Clear Film, Mesh/Screen

### SUPPORTED WEB WIDTHS

Narrow (<12"), Extra Wide (>72")

# Supporting Documentation

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## Manuals (12)

- ARIS Retrofit Kit Product and User Manual
- Master/Slave Web Guiding System Installation
- Motor Driver MC QD 1140/1141/1161/1180/1181/1211/1230/1231/1240/1260
- Retrofit Installation Checklist
- SCU5 M: Web Guide Controller Product and User Manual (V2.6)
- SCU5: Sensor and Web Guide Controller User Manual v3.3
- SCU5: Sensor and Web Guide Controller User Manual v3.4
- Servo Center Servo Installation
- Standard Operating Procedure (SOP): Center Guiding Application (v2.x)
- Standard Operating Procedure (SOP): Edge Guiding Application (v2.x)
- Standard Operating Procedure (SOP): Line Guiding Application
- Web Guide Upgrade or Retrofit Kit

## 2D Drawings (9)

- LHS-020-0xxx-RF: 2D Drawing (dxf)
- LHS-020-0xxx-RF: 2D Drawing (pdf)
- LHS-020-x400-TG
- Motor Controller - MC QD 1140/1141/1240/1241: 2D Drawing
- Motor Controller - MC QD 1140/1141/1240/1241: 2D Drawing (DXF)
- Motor Controller - MC QD 1180/1181/1211/1230/1231/1260: 2D Drawing
- Retrofit Actuator - LHS-0xx-xxxx-TG: 2D Drawing (DXF)
- SCU5 Controller: 2D Drawing (DXF)
- SCU5 Controller: 2D Drawing (pdf)

## Wiring Diagrams (8)

- RTI + SCU5 MC(E)D Wiring with MC QD 1140/1141/1240 with Retrofit Actuator
- SCU5 MC(x)D Wiring with MC QD 1141/1140/1240 + Web Guide Actuator
- SCU5 MD Wiring with MC QD 1141/1140/1240 + Web Guide Actuator
- SCU5 MD Wiring with MC QD 1180/1181/1211/1230/1231/1260 + Large Upgrade Actuator
- SCU5 MD Wiring with MC QD 1180/1181/1211/1230/1231/1260 + Regen Clamp + Unwind/Rewind Actuator
- SCU5 MD Wiring with MC QD 1180/1181/1211/1230/1231/1260 + Web Guide Actuator
- SCU5 MD Wiring with ODC Sensor, MC QD 1140/1141/1240 with Web Guide
- SCU5 MDIO Wiring with MC QD 1141/1140/1240 + Web Guide Actuator



Scan for datasheets, 3D models & full documentation

<https://r2r.tech/products/web-guides/web-guide-upgrade-kit>

## Ready to Get Started?

Contact our experts to discuss how this product fits your application.

**Phone:** +1 (888) 290-3215 | **Email:** [experts@r2r.tech](mailto:experts@r2r.tech) | **Web:** [r2r.tech](https://r2r.tech)