



Prevent Costly Repairs

Reduce downtime while preventing costly repairs to sensitive production equipment used in web manufacturing processes with our state of the art; center mount splice detection technology. This Splice Detector reveals abrupt changes in web material thickness due to splices, missing plies and web breaks in paper, coating and conversion processes.

Ensure Product Quality

Our technology has been successfully applied to ensure delivered product quality in many different grades of material on equipment such as:

- Sheeters
- Coaters
- Supercalenders
- Extrusion
- Laminators
- Roto Presses
- Slitters
- Winders/Rewinders
- Paper Machinery

Choose Model SJT1032B Splice Detector to ensure the delivered quality of your products.

Monitor Multiple Webs

A single unit will monitor up to 16 webs of material simultaneously for on-line detection of splices. It automatically adjusts to changes in the # of webs, type and caliper of materials. Special splice markings of any kind are not required.



TECHNICAL SPECIFICATIONS

Defects Types Detected:	Splices Gross Missing Plies Web Breaks
Material Compatibility:	Papers Plastics Films Other Non-metallic Materials
Web Thickness:	0.20" Max. (5.08mm Max.)
Gap Width:	0.25" (6.35 mm)
Maximum Web Speed:	10,000 fpm (3,048 m/min)
Relay Alarm Outputs: Dry Output Contact Closures: Current Capacity at 110 VAC: Current Capacity at 220 VAC: Alarm On Period:	2 (Non-inductive) 0.1 Amp 0.05 Amp 1 Second
Electronic Alarm Output: Pulse Outputs: Voltage: Direction: Duration:	1 15 V (± 3 V) Positive Going 10 ms
Ambient Temperature:	40 to 160° F (4 to 70° C)
Dimensions:	6.0" X 9.5" X 4.5" (15.24 cm X 24.13 cm x 11.43 cm)
Power:	110/220/240 VAC 50/60 Hz Single Phase
Weight:	11.5 lbs/ 5.22 kilogram

Specifications are subject to change without notice.

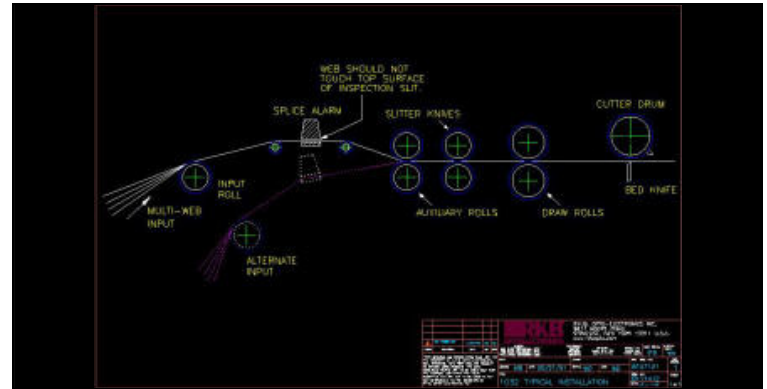
Note: If you web speed is less than 100 fpm, specialized circuitry may have to be applied. If you purchase this unit and it is found that specialized circuitry is required due to misinformation, all monies applicable will be charged, then applied as a credit for replacement of this standard unit with a specialized unit. Additional fees may be applied.

Reduce Setup Time

Designed for center of web mounting, the SJT1032B eliminates the need for repositioning to accommodate changes in web width. It can be installed at any convenient position in the web's path to provide defect detection at the earliest possible stage of the process.

Achieve Unattended Operation

Both a signal contact closure and a signal digital pulse output are included with each unit to facilitate interfacing to control production equipment such as sheeter gates, coating head applicators, presses, laminators, treaters, audio/visual alarms as well as automatic marking systems. Our technology can also be combined with our Reject Control Computer or Multi-Color Automatic Marking System for completely unattended operation of your production equipment.



Coater Install



Sheeter Install



Laminator Install



Calender Install



Sheeter Install



United States Install



Indonesia Install



China Install



German Install



Poland Install

Benefits Gained

- Eliminates damage to sensitive process components like soft rolls, embossing rolls and print heads
- Detect every splice, every time without fail
- Monitors all webs being processed at the same time at one convenient point where they come together.
- Audio/visual alarms as well as automatically controlling machine stop, nip point release, reject gate and shearing.
- No need for complicated sensor arrangements, installations and integration.

Call SDT

Call us to discuss your splice detection applications and to learn more about the industries most diverse line of machine vision web inspection related products.

Splice Detector Technologies

A partner unit of R.K.B. OPTO-ELECTRONICS, INC.

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