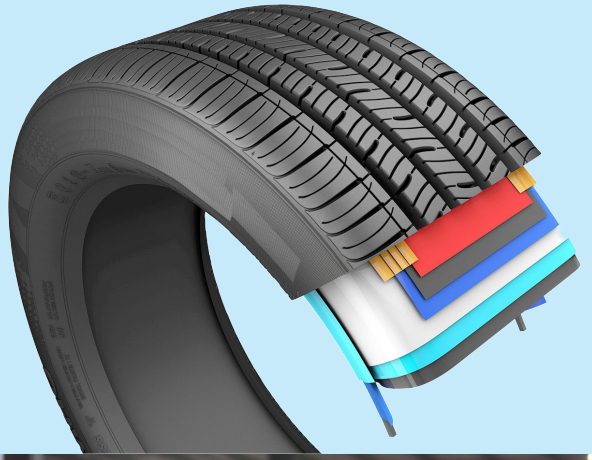
ASSURANCE VISION INSPECTION SYSTEM

Flexible • Efficient • Automated • Traceable



Small Investments. Big Paybacks.

As we keep pushing tire component manufacturing technology forward older machines are in danger of becoming obsolete. A wide range of equipment upgrade options enable in-service machines to keep pace for a fraction the cost of new machines.

- **Improve Automation:** Cutting labor costs.
- **Speed Changeovers:** Adding manufacturing flexibility.
- **Improve Quality:** Reduce scrap with automated adjustments.
- **Cut Costs:** Less scrap means less material waste.
- **Build Productivity:** Run faster with less downtime.

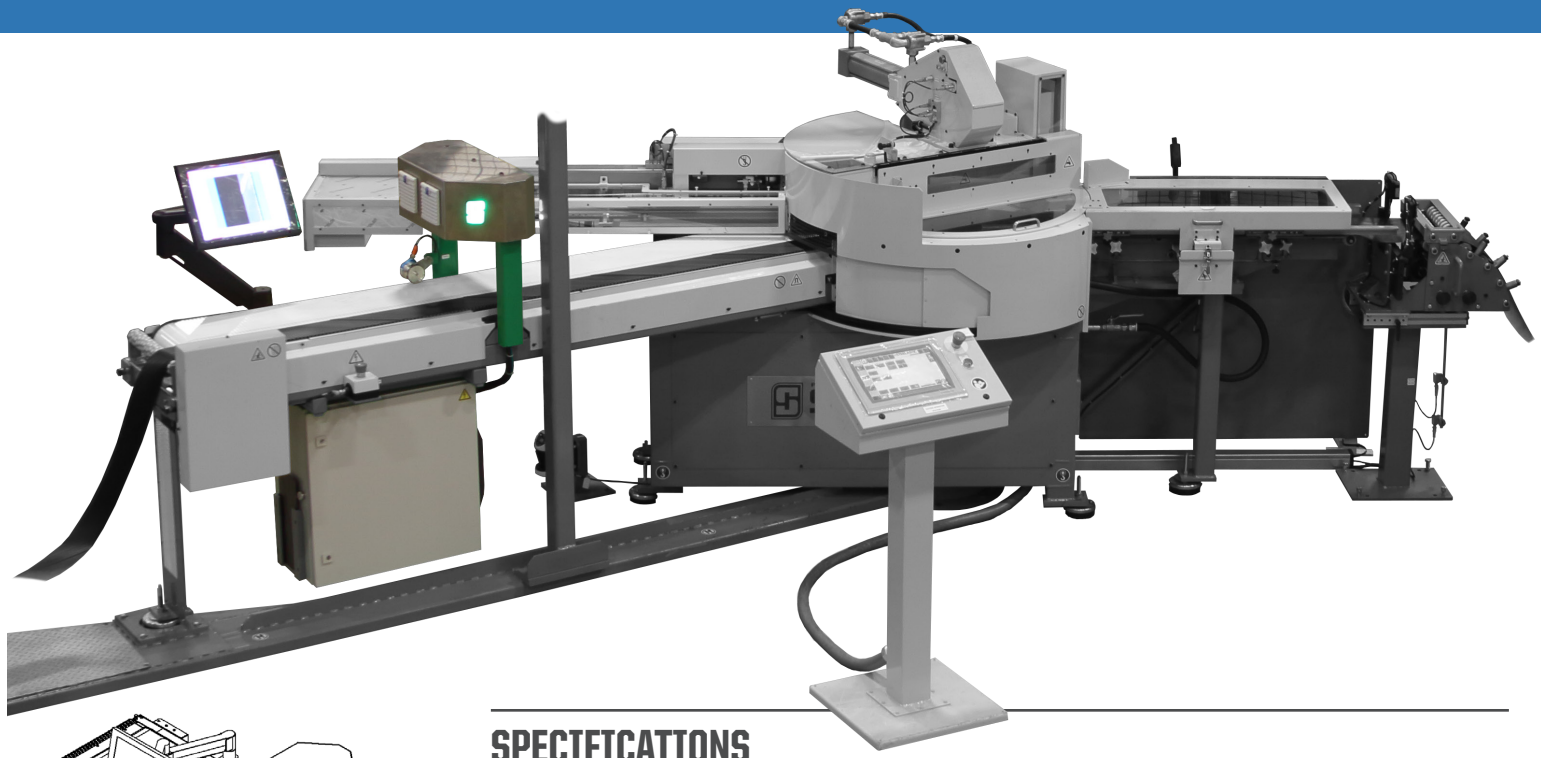
The assurance vision inspection system uses 3D laser vision technology to identify and report defects in real-time during the production of radial belt and body ply materials to guarantee a defective product never makes it to the tire building process. We remain committed to delivering the best quality system upgrades to meet your most demanding production and quality requirements.

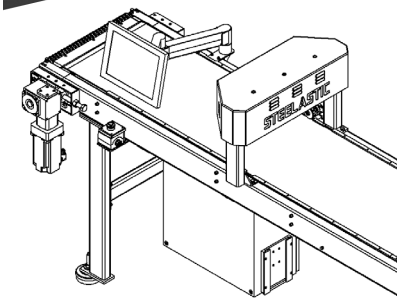
- 100% product inspection
- Closed loop system available on Next Gen Belt Systems
- Can be used with new or existing belt and/or body ply machines.
- Can be adapted to operate with any make of machinery
- SQLite data logging

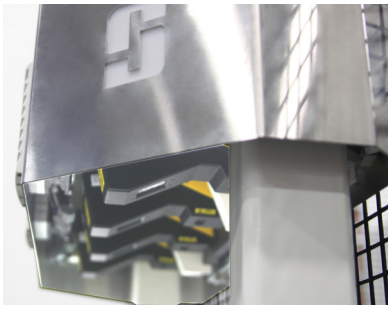
DETECTS:

- Perforations
- Dogears
- Splice height
- Open splice
- Splice angle
- Shifting edges
- Widths

ASSURANCE VISION INSPECTION SYSTEM







SPECIFICATIONS

Accuracy Tolerances:

Width:	±0.25mm
Dogear:	±0.25mm
Splice Height:	±0.08mm
Splice Angle:	±0.25°
Perforation Area:	±2.00mm²

Camera Resolution:

X:	0.125mm
Y:	0.415mm
Z:	≈0.040mm

Sample Rate: 4kHz

Global Patent Applications Pending

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Think Small.

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