

EASYSCAN

Steel Cord and Textile X-RAY inspection

EASYCORD is the new Acelabs device for measuring the position of metal cords and textile, cord density (EPI) and for measuring rubber edges, in the steel cord production process.

OPERATING PRINCIPLE

A single measuring device equipped with an X-ray tube and a specialized Acelabs sensor, monitors the passage of the Steel Cord or synthetic textile product.

This device ensures precise measurement of the density, position, diameter, and spacing of both metal and synthetic cords, and also detects the edges on both sides of the fabric. The system scans the entire width of the material at the calender's output at a transverse speed of 2 m/min.



MAIN FEATURES

COMPLETE PRODUCT INSPECTION

The system provides full product inspection, enabling the user to generate a detailed **certification** for every reel produced.

NO MECHANICAL INTERFERENCE WITH THE RUBBER

The **EasyText** system operates without scanners or heads, eliminating the risk of interference with the material. With over 30 cm of clearance, the system ensures uninterrupted passage of the rubber, solving the issue of lump formation. No operator intervention or additional lump detection systems are required.

FLEXIBLE INSTALLATION

Thanks to its compact design and the absence of mechanical hazards, **EasyText** can be freely installed, even immediately after the calender rolls, allowing for near-instantaneous and continuous adjustments.

NO CALIBRATION REQUIRED

No post-commissioning calibration is necessary, ensuring stable performance over time.

FLEXIBLE INSTALLATION

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MODULAR SYSTEM

EasyText is a modular system that can be integrated with **EasyEdge** to enable continuous edge inspection.

ZERO MAINTENANCE

The system is maintenance-free and autonomously notifies maintenance personnel when device checks are needed.

STABLE AND PRECISE

The system offers exceptional stability and precision, with measurement accuracy down to 0.1 mm.

INDUSTRY 4.0 & IoT READY

All Acelabs systems are designed for seamless integration with third-party supervisory controls and ERP systems using state-of-the-art OPC-UA protocols, ensuring compatibility with Industry 4.0 standards.

TECHNICAL DATA



LEAF WIDTH(mm)	800	1000	1200	1400	1600	1800	2000
WIDTH(mm)	400	400	400	400	400	400	400
HEIGHT(mm)	1200	1200	1200	1200	1200	1200	1200
LENGTH(mm)	1800	2000	2200	2400	2600	2800	3000

SYSTEM FAMILY

FEATURES	EASYCORD	EASYEDGE	EASYTEXT	EASYSCAN
100% surface inspected	YES	NO	YES	NO
Steel Cord	YES	YES	YES	YES
Synthetic fibers	NO	YES	YES	YES
Continuous edge trim knife control	YES	YES	YES	NO
Resolution	MID	HIGH	HIGH	HIGH