TECHNIP ENERGIES

Truck & Bus Radial Tire X-ray (TBR)

Inspection System from 13 to 27”

Description

The TBR 13-27” is an X-ray inspection machine with automatic defect recognition developed by Technip Energies Inspection, Monitoring, and Robotics Teams. It performs in-line inspections of truck and bus radial tires.



Benefits

- Unmatched cycle time and ADR on foreign material & blows
- No shape distortion
- Real millimetric measurement
- Compact lead booth

Value for Tire Manufacturers

Fast and reliable decision-making

Used by global tire makers since 2007, the first ADR software in the industry is now integrating more complex defects with AI technology, enabling tire quality improvements and easier decision making for operators.

Production efficiency & OPEX reduction

With a record inspection cycle time of 25 to 35 seconds in line with production time constraints, man-hour costs are significantly reduced.

HSE & RISKS

Our X-ray systems are designed with automated and robust loading parts to optimize operational efficiency and safety.

Key Differentiators

Pioneers & innovators since 2005
Largest range X-ray inspection systems in the tire industry from 2-wheeler to OTR without downtime risks.

Proven expertise and know-how
Global leaders and preferred partner of the tire industry.

Obsolescence management
Maintaining 200+ systems operating globally with local service teams and warranty extensions.

Quality and longevity
No compromise on quality with your long-term investment.

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