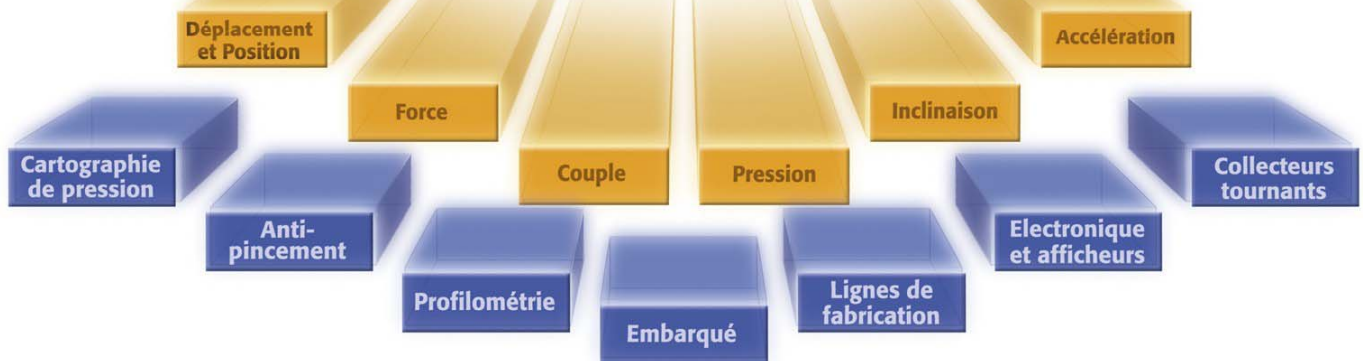


From Sensor...

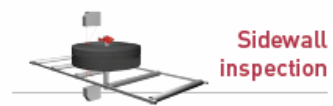


...to System

Contrôle de profil de pneu

Tire Industry Applications

FROM MATERIAL PREPARATIONS TO FINAL INSPECTION



EyeCON-2™



One integrated final inspection station delivering

GREATER SPEED

- Simplified sensor and customer data integration, robust software installation tools and one cable for data, power and synchronization – makes installation, upgrades and maintenance both rapid and easy.
- Profile rates and technology base for excellent performance today and well into the future.
- FireSync platform transmitting synchronized data at gigabit rates delivers real-time tire detail via ethernet.

GREATER ACCURACY

- Best defect detection possible using proprietary dual camera imaging with high definition, sub-millimetre resolution.
- Integrated encoder data and high density tire profiles providing aligned tire data eliminates the need for customer handling in the defect detection software.
- Field-proven, deterministic, reliable FireSync protocol ensuring maximum data integrity.

GREATER RELIABILITY

- High density laser and dual camera vision provide a reliable picture of tire quality
- Utilizes industry standards while leveraging proven technology for reliable data capture
- Integrated design with an inherently robust solution significantly reduces the number of separate components and failure points common in unbundled solutions.

Contrôle de profil de pneu

EyeCON-2™

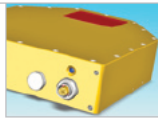
THE NEW GENERATION OF LASER LINE SENSORS

The new Selcom **EyeCON-2™** for sidewall and run-out measurement is the comprehensive result of 20+ years experience from developing and supplying laser sensors to the tire industry.

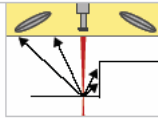
The 2 kHz profile rate and high resolution **EyeCON-2™** meets the industry's requirements to detect smaller defects wherever they occur, at higher production rates.

EyeCON-2™

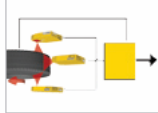
The EyeCON2200/2300/2400 sensor versions are adapted to the different requirements in sidewall and run-out applications.



Dual camera design enhances measurement capability



Total integration simplifies installation and strengthens connectivity and data integrity

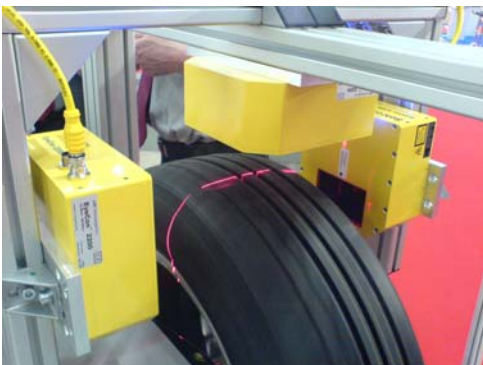
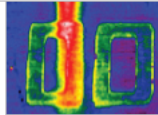


Detect small defects on sidewalls

Robust laser line profiling for highest resolution and data density



Synchronized profile data for real-time tire mapping



- The unique dual view design, incorporating two cameras in one sensor housing, allows the sensor to “see” on lube streaks, raised lettering and deeply grooved tread patterns.
- The total integration architecture ties together two sidewall sensors, one run out sensor and an encoder signal and delivers synchronized tire maps over one Ethernet connection.
- The “software inside” capability allows system integrators to develop and upload their own bulge and dent detection algorithms to the sensor, making an even more cost efficient system by eliminating external computing power.