

GOODYEAR CHECKPOINT DRIVE-OVER READER

GOODYEAR.EU/TRUCK

GOODYEAR

TYRE AND FLEET MANAGEMENT

ESSENTIAL PILLARS FOR YOUR BUSINESS



To get the best value from your tyre investment, continuous tyre monitoring is essential because it helps to:

Maximise uptime and productivity: Unexpected vehicle stoppages and repairs due to tyre incidents generate high breakdown costs and impact operational output.



Improve operational efficiency: Continuous maintenance of vehicles and their individual components is required, but manual methods incur labour, administration costs and are subject to human error.



Extend tyre life and performance: Inappropriate tyre pressures and tyre wear can significantly impact tyre performance and operating hours. Poor maintenance leads to shorter tyre life, more frequent renewals, and reduced retreadability.



Meet sustainability and fuel-efficiency targets: Under-inflation of tyres or irregular tyre wear can lead to higher fuel consumption and increased CO₂ emissions, a problem that is exacerbated by rising commodity prices and even stricter legislation.



Improve safety: A minor tyre issue or irregular tread depth can have a large impact on the safety of your drivers and assets.



But tyre management is a significant daily challenge for commercial fleets.

How do you manage servicing, maintain quality, and simplify admin? How do you keep your trucks on the road and keep your drivers safe – whilst also controlling costs?

Some of Europe's largest and most efficient fleets get their answers from the **Goodyear CheckPoint**.

If your vehicles return frequently to your yard, it is an easy, automated way of accurately checking your tyre and vehicle parameter in seconds.



WHAT IS GOODYEAR CHECKPOINT?

Goodyear CheckPoint is a connected, yard-based drive-over tyre inspection system that reads the tyre condition and vehicle parameters in seconds.

A hi-tech ground-based plate equipped with special sensors and cameras automatically measures and analyses the tyre tread depth, tyre pressure and axle* and vehicle load* in just a few seconds. The embedded design paired with RFID or license plate recognition technology allows dynamic and rapid inspections of large quantities of vehicles.

Combined with our user-friendly display terminal and mobile and web applications, **Goodyear CheckPoint** provides an instant display of your tyre condition allowing proactive monitoring and preventive maintenance of your fleet.

Goodyear CheckPoint consists of:



VEHICLE IDENTIFICATION SYSTEM

- Automatic license plate recognition via special cameras.
- RFID-based vehicle identification (optional).

INNOVATIVE SENSOR TECHNOLOGY

- Automated drive-over measurement.
- Automatic data transfer to Goodyear cloud and display terminal.
- **Tread depth**** analysis in seconds via incorporated laser triangulation and optical measurement.
- **Tyre pressure***** display calculated by a combination of tactile pressure sensors and the vehicle footprint.
- **Load*** sensors automatically determine the total vehicle weight and weight of each axle.

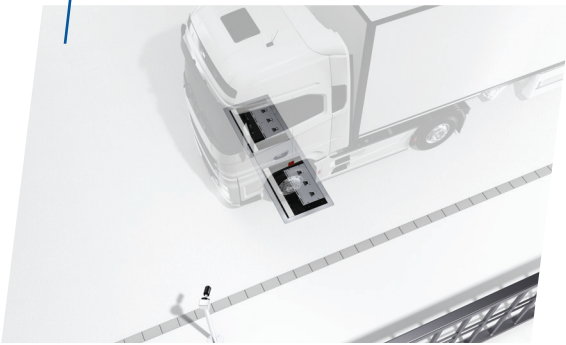
* Only available with the in-ground version of the Goodyear CheckPoint. 90% of all measured values are within a tolerance of +/- 5%. Maximum crossing speed 2-10km/h.

** To ensure optimized tread depth reading, optical measuring units must be clean and freely accessible. Measurement tolerance +/- 0,3mm. Referring to road traffic regulations main profile grooves are measured, which are lying within 75% of the tyre width. The smallest value will be displayed. *** After the optimization process on a closed fleet, 90% of all measured values are within a tolerance of +/- 0,66 bar. Specified measurement range (1-10 bar). Requirements: minimum load = 500kg per wheel.

HOW IT WORKS

STEP 1: DYNAMIC DRIVE-OVER

Instantly check your tyre and vehicle parameters by driving straight through the dedicated measurement zone.

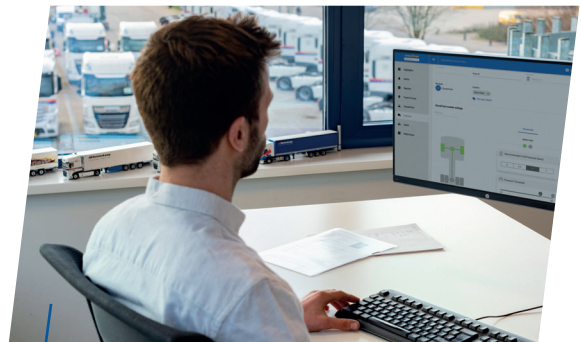


STEP 2: DATA COLLECTION

Ground mounted sensors collect the tyre pressure, remaining tread depth, axle load* and total vehicle weight* in seconds. All coupled with a time stamp and individual vehicle identification.

STEP 3: GOODYEAR CLOUD

Sensor and vehicle data are immediately captured by the system and transferred to the Goodyear cloud for intelligent analysis.**



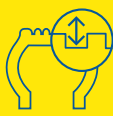
STEP 4: INSTANT RESULTS

Instant display of your tyre condition and vehicle parameters via the display terminal or mobile and web applications – allowing proactive monitoring and preventive maintenance of your fleet.

FEATURES & FUNCTIONALITIES:



TYRE
PRESSURE



TREAD
DEPTH



TYRE
WEAR



AXLE LOAD* & TOTAL
VEHICLE WEIGHT*



VEHICLE
IDENTIFICATION



REMOTE DATA
ACCESS (24/7)**



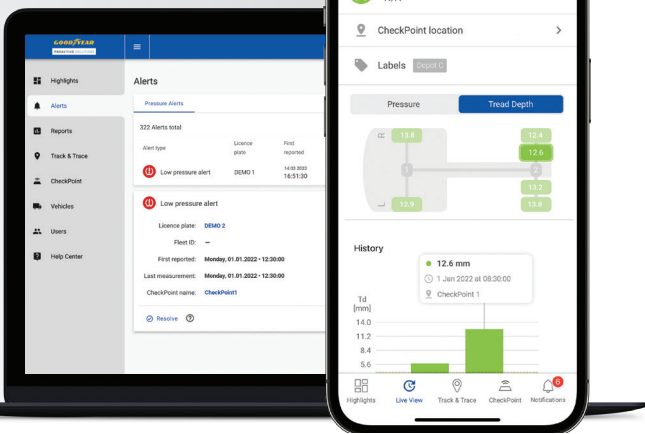
ALERTS &
REPORTS

*Only available with the in-ground version. ** For a continuous data transmission to the Goodyear cloud, a reliable mobile network coverage is required.

INSTANT ACCESS TO YOUR FLEET

IMPROVE MAINTENANCE EFFICIENCY WITH OUR POWERFUL TOOLSET WHICH HELPS YOU TO MANAGE YOUR FLEET YOUR WAY

GOODYEAR FLEETHUB – WEB AND MOBILE APPLICATION YOUR FLEET AT A GLANCE



ONE DASHBOARD: One dashboard providing you with an instant overview of your fleet's tyre condition.



VEHICLE DETAILS: Access your fleet's tyres and vehicle details. Identify which tyre is affected or needs replacing.



FLEET INSIGHTS: Detailed analysis and inspection results help you to take the right actions and improve your fleet efficiency.



ALERTS: Get notified and receive pressure alerts when a tyre needs urgent maintenance.



CUSTOMISED REPORTS: On-demand or prescheduled reports enable you to efficiently plan your tyre maintenance.

The Goodyear Applications and Web Portal are currently available in 8 languages.



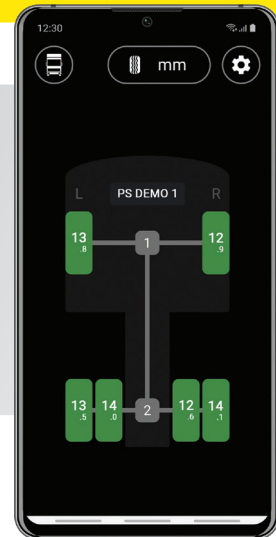
GOODYEAR DRIVERHUB – MOBILE APPLICATION INSTANT ACCESS TO YOUR VEHICLE DATA



ONE APP TO ASSIST YOUR DRIVERS: Specifically tailored to drivers, the app provides information on the vehicle's tyre condition each time the vehicle drives over the plate.



KNOW WHAT IS GOING ON: Alerts and notifications immediately inform you if a change in tyre pressure and/or tread depth is detected.

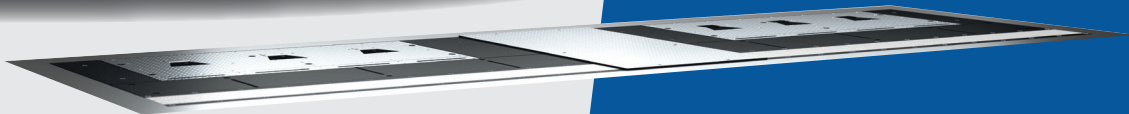


DISPLAY TERMINAL (OPTIONAL) INSTANT DRIVER ACCESS TO VEHICLE DATA

A user-friendly dashboard and printouts provide actionable data on the vehicle's tyre condition and parameters. Coloured LED's and alerts warn immediately if a tyre is under-inflated, has insufficient tread depth or the vehicle is overloaded*.

*Only available with the in-ground version.

BENEFITS AND ADVANTAGES*



Optimised tyre and vehicle maintenance.



Reduced vehicle downtime and reduced breakdown costs.



Reduced manual interventions and labour costs.



Extended tyre life, improved performance and increased retreadability.



Improved fleet management.



Increased customer satisfaction.



Greener and leaner fleet management with reduced fuel consumption and CO₂ emissions.



Increased safety.



Reduced penalties for overload and late deliveries.

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Subject to modifications and errors. All illustrations and data are exemplary. Graphic accuracy and logo placement may differ from the genuine product.



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find out
more.

v2.0

*These benefits and advantages can be experienced by Goodyear customers but are not guaranteed. The benefit realisation depends on proper preventive maintenance based on the information provided by the solution.

GOODYEAR