

GOODYEAR DRIVEPOINT HEAVY DUTY

DRIVE-PAST READER



THE IMPORTANCE OF TYRE MAINTENANCE

Tyre maintenance is key to remaining competitive for machines operating in a port environment because it helps to:



MAXIMISE UPTIME & PORT PRODUCTIVITY

Unexpected machine stoppages and repairs due to tyre incidents generate high breakdown costs and impact operational output.



OPERATIONAL EFFICIENCY

Regular maintenance of machines and their specific components is vital but manual methods are prone to errors and incur labour and admin costs.



EXTENDED TYRE LIFE CYCLE, REDUCE COSTS & IMPROVE PERFORMANCE

Incorrect tyre pressures can impact performance. Poor maintenance means shorter tyre life, frequent renewals, and reduced durability through irregular wear.



MEET SUSTAINABILITY & FUEL-EFFICIENCY TARGETS

Under-inflated tyres can lead to higher fuel consumption and increased CO₂ emissions, a problem that is increased by rising commodity prices.



IMPROVE SAFETY

A minor tyre issue when machines drive in tough environments can have a major impact on the safety of your drivers, assets and port equipment.

BUT TYRE MAINTENANCE IS A SIGNIFICANT DAILY CHALLENGE FOR PORT BUSINESSES

Correct tyre maintenance takes qualified personnel, administrative support and thorough planning. And manual tyre checking takes a long time, while machines remain unproductive in the inspection workshop.

Goodyear DrivePoint Heavy Duty can help.

WHAT IS GOODYEAR DRIVEPOINT HEAVY DUTY?

Goodyear DrivePoint Heavy Duty is a connected, port-based drive-past tyre inspection system that allows automated and dynamic tyre pressure measurement.

Easily installed via wireless battery-powered technology, the solution allows dynamic and rapid inspections of large quantities of machines – which is ideal for machines returning frequently to the workshop. Combined with our user-friendly mobile and web applications, Goodyear DrivePoint Heavy Duty provides an instant display of your tyre data everytime your fleet drives past the receivers, allowing proactive monitoring and maintenance of your fleet.

WHAT ABOUT THE HARDWARE?

It is both simple and proven, comprising: **on-valve sensors** that fit easily onto the tyre valves using a valve reducer and **receivers** for tyre data collection and processing.

ON-VALVE SENSORS



- **INSTANT TYRE PRESSURE MONITORING**
- **QUICKLY & EASILY INSTALLED**
Simply screw onto the valve (no need to remove tyre)
- **WIRELESS, WEATHER-RESISTANT**
Battery-powered technology (IP67)
- **LITHIUM BATTERIES**
For maximum performance and lifetime (up to 3 years)
- **FITS ALL TYRES**
Sizes and brands
- **INTELLIGENT DESIGN**
Allows inflation without removing the sensor

RECEIVERS



- **2 BATTERY-POWERED RECEIVERS**
That read and analyse data from the sensors as they drive past
- **TRANSFER OF SENSOR DATA**
Via mobile network to the Goodyear cloud¹
- **EASILY INSTALLED**
At the location of your choice²
- **WIRELESS TECHNOLOGY**
No electrical power supply or expensive groundwork required
- **ALL-WEATHER-RESISTANT**
Technology (IP66)

¹If sensor data is above the set-up lower pressure threshold, the data will be stored and submitted to the Goodyear cloud at frequent intervals. This transmission frequency must be defined in accordance with the customer. ²Reception radius of receivers can be affected by various factors. For optimised usage, receivers should not be positioned more than 8m apart from each other. Recommended to keep a minimum distance of 20m from receivers to other vehicles or machines and 2m from any other metallic parts (e.g. gate motor) or port equipment.

HOW IT WORKS

STEP 1

DYNAMIC DRIVE-PAST

Drive past the Goodyear DrivePoint Heavy Duty receivers to instantly check your tyre pressure. There is no need to stop when passing the receiver area¹.



STEP 2

DATA COLLECTION

The on-valve sensors immediately collect the live tyre pressure data from each wheel position.²



STEP 3

GOODYEAR CLOUD

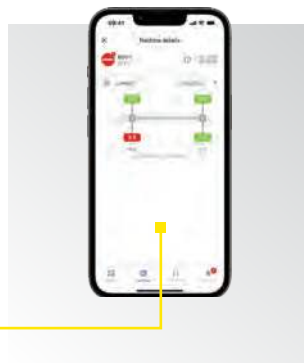
Sensor data, including battery levels, is immediately captured by the receivers and transferred via a mobile network to the Goodyear cloud for intelligent analysis.³



STEP 4

INSTANT RESULTS

Instant display of your tyre data via our mobile and web applications for proactive monitoring of your machines. Fast and user-friendly reporting and receive automatic notifications.



FEATURES & FUNCTIONALITIES



**QUICK & EASY
INSTALLATION**



**TYRE
PRESSURE**



**WHEEL
POSITION**



**WIRELESS &
BATTERY-POWERED**



**ALERTS, REPORTS
& NOTIFICATIONS**



**MOBILE & WEB
APPLICATIONS**

¹A maximum speed of 10 km/h should not be exceeded. ² Requires Vehicle Creation and Sensor Assignment in the Goodyear Platform. ³ If sensor data is above the set-up lower pressure threshold, the data will be stored and submitted to the Goodyear cloud at frequent intervals. This transmission frequency must be defined in accordance with the customer. For a continuous data transmission to the Goodyear cloud, a reliable mobile network coverage is required.



INSTANT ACCESS TO YOUR MACHINE DATA

GOODYEAR FLEETHUB WEB & MOBILE APPLICATION

■ ONE DASHBOARD

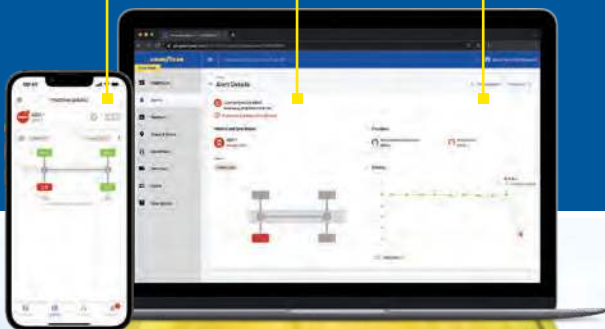
One dashboard providing you with an instant overview of your machine's tyre condition.

■ MACHINE DETAILS

Access your machine's tyre data. Identify which tyre is affected.

■ CUSTOMIZED REPORTS & ALERTS

Get notified and receive alerts when a tyre needs urgent maintenance, allowing you to efficiently manage your machines your way.



GOODYEAR DRIVERHUB MOBILE APPLICATION

■ ONE APP TO ASSIST YOUR DRIVERS

Specifically tailored to drivers and operators, the app continuously provides information on the machine's tyre condition.

■ KNOW WHAT IS GOING ON

Alerts and notifications inform you if a change in tyre pressure is detected. By identifying which tyre is affected and the degree of urgency the right actions can be taken.



GOODYEAR TECHHUB MOBILE APPLICATION

■ INSTALLATION & CONFIGURATION SUPPORT

Easily manage the installation and/or maintenance of our solutions via our dedicated mobile app for technicians.



BENEFITS & ADVANTAGES¹



QUICK & EASY INSTALLATION (+/-2HRS) OF WIRELESS BATTERY POWERED TECHNOLOGY²



OPTIMISED TYRE MAINTENANCE



REDUCED MANUAL INTERVENTIONS & LABOUR COSTS



EXTENDED TYRE LIFE, IMPROVED PERFORMANCE & INCREASED DURABILITY



REDUCED FUEL CONSUMPTION & CO₂ EMISSIONS



INCREASED SAFETY



REDUCED MACHINE DOWNTIME & BREAKDOWN COSTS



IMPROVED MACHINE MANAGEMENT

¹ These benefits and advantages can be experienced but are not guaranteed. The benefit realisation depends on preventive maintenance based on the information provided by the solution. ² Installation time might differ depending on the machine layout.

TOTAL MOBILITY



Trusted Products

Specialized OTR Innovations to help lower operating costs.



Reliable Services

Expert worldwide support to help you optimise operations.



Tire Management Solutions

Powerful management tools to help you improve productivity.

goodyearotr.com

Consult your Goodyear representative for additional information. | Produced by Goodyear Operations S.A.
©2023 The Goodyear Tire & Rubber Company. All rights reserved. | Subject to modifications and errors.
All illustrations and data are exemplary. | Graphic accuracy may differ from the genuine product.

v1.0

GOODYEAR
OFF-THE-ROAD