

**Hydrex<sup>®</sup>**

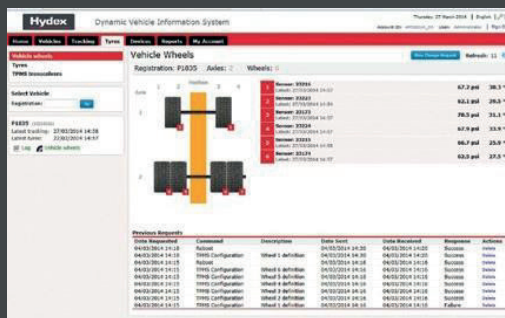
# **Tyre pressure monitoring system (TPMS)**



## Tyre pressure monitoring system (TPMS)

HyTrack is a tyre monitoring system and provides a rugged and reliable solution with a range of features that allows mine and construction operators to track their vehicle's tyre temperature and pressure, speed, braking and location in real-time and to receive early warning of potential problems or hazards. This live data allows swift remedial action to be taken, which can be the difference between safe operation and a major incident. By ensuring the vehicle's tyres are operating within recommended temperature and pressure limits, HyTrack brings increased levels of safety to both the vehicle operators and the technicians that work on them.

From a commercial perspective, by ensuring that tyres are correctly inflated, tyre life is extended and costly downtime from repairs and intervention is reduced, improving productivity. Alarms trigger when user configurable operational threshold levels, such as tyre temperature, are exceeded, providing early warning of potential tyre or vehicle failure.



### Heading needed?

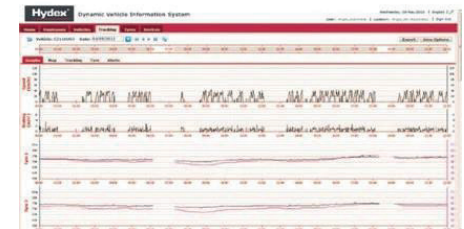
- Real-time temperature and pressure monitoring
- Live tracking of vehicle status and location
- Geo-fencing
- Real-time email/SMS alerts
- Wi-Fi and GSM enabled
- TKPH and cycle counter
- Hermetic sensors – impervious to liquids and chemicals
- User configurable alarms and automated alerts
- Remote monitoring via web or mobile device
- Update map overlays as mine footprint changes
- Independent system without restrictions to particular tyre manufacturers.

### Key benefits of HyTrack include:

- Improved driver and technician safety
- Increased productivity
- Helps to detect mechanical failure
- Extend tyre life/hours view actual TKPH
- Improve fuel efficiency (up to 8% improvement and 10kph increase on the speed of haul roads).



Geo-fencing ensures that your fleet stays inside boundaries that you define.



Real-time pressure and temperature monitoring alerts the operator of any problems associated with the tyres.



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## Related Products



### Water Tanks

The Hydex WT range is a complete line of water trucks from Hydex Solutions Ltd. More than just a water tank, it's a water truck; an integrated machine designed for dust suppression on the most demanding mining, quarrying and construction sites.



### Sideboards

The Hydex side extension modification has been designed to offer increased capacity to the standard CAT® articulated truck dump body. These extensions can be used to improve your application by reducing spoil spillage when carrying a standard sized load or increasing the volumetric capacity if a lighter material is being carried.



### High Capacity Bodies

The HYDEX HCT30 is designed for hauling waste on to and around landfill sites. Based on the Cat 730 Articulated Truck chassis offering proven reliability and durability, high class performance and productivity, optimum payload, operator comfort and ease of operation.