



- 1 5G
- 2 Route
- 3 Tire pressure
- 4 Oil temperature
- 5 Brake condition
- 6 TMPS
- 7 Axle pressure
- 8 Floor wear sensor



# MOVING→SMART

Floor wear control. Less maintenance. Maximise trailer uptime.

# MOVING → SMART

## Introduction

Moving Smart, the latest in the K-Force range of moving floor trailers. Provided with a five-year guarantee, it features a bolted construction in place of welding as well as a sophisticated telematics system that monitors all of the unit's key parameters.

## Bolted construction

The use of bolts instead of welding provides greater strength while still allowing the trailer to flex without cracking, resulting in a perfect combination of high payload capacity, long-term durability and low total cost of ownership.

Interface for data & connectivity with the Kraker dashboard cloud activity. Connection via 5G.



## Smart telematics

The new Moving Smart trailer's sophisticated telemetry system gathers data via Smart sensors on all of the trailer's key parameters, providing vehicle operators with a range of valuable insights into the performance and operation of their moving floor trailer. The data gathered is sent via the 5G network to an in-house-developed platform that vehicle operators can log into via the Kraker dashboard to monitor their K-Force trailers in real time, while Smart alerts warn operators immediately of any issues detected. The data gathered by the Smart sensors includes:

- Payload
- Load distribution by axle load monitoring
- Trailer location
- Mileage
- Floor plank wear
- Moving floor usage [frequency and total operating time]
- Pressure, flow and temperature of oil in the moving floor system
- Trailer tyre pressure
- Trailer brake wear [future development]

Oil pressure and temperature floor sensor



Sensor floor speed



# MOVING → SMART

## Substantial cost reductions

Monitoring these parameters in real time helps to avoid the risk of component failure and vehicle downtime, raising safety levels, reducing emissions and cutting maintenance costs significantly. Kraker's Moving Smart technology can provide a significantly improved total cost of ownership over the life of the trailer, along with a reduction in CO2 emissions. Calculate your cost reduction with the tool on our website: [www.krakertrailers.eu/en/movingsmart/](http://www.krakertrailers.eu/en/movingsmart/).

## Pay-for-use capability

The ability to monitor the condition and performance of a trailer remotely also makes it easy for rental and leasing companies to introduce pay-for-use models, putting Kraker well ahead of the wider market.

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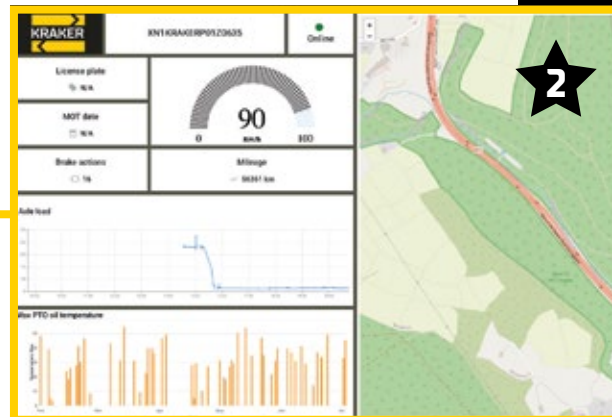
## Specific features of Moving Smart:

- 📍 High-strength bolted aluminum construction
- 📍 Live monitoring via the Kraker dashboard
- 📍 Automatic alerts on critical parameters
- 📍 Floor wear monitored to accuracy of 0.1mm
- 📍 Minimised vehicle downtime
- 📍 Substantial saving in total cost of ownership
- 📍 Carbon emissions reduction
- 📍 Pay-per-use capability for rental/leasing fleets

**FLOOR WEAR SENSOR**  
embedded in the trailer floor



**SMART TELEMETRY**  
Moving Smart dashboard



**MOVING→SMART**



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# Why Moving Smart?

## FLOOR WEAR ALERTS

Floor plank wear is monitored by the system's smart sensors to an accuracy of 0.1mm, allowing for the floor to be turned as required, preventing component damage and extending the life of the floor.

## LOWEST TOTAL COST OF OWNERSHIP

Optimized tire pressure contributes to lower tire wear, lower fuel consumption and fewer emissions. The greatest savings are achieved by the constant, real-time monitoring of the condition and functioning of brakes and tires. And not to forget the floor, the key factor of this smart system. All these things together ensure low maintenance costs and great operational safety. Early failures and therefore unexpected downtime are prevented.

## POWER TAKE-OFF & DRIVE SYSTEM MONITORING

Data is constantly gathered on pressures, temperatures and resistance in the power take-off and drive system for the floor with alerts sent automatically to the operator to prompt any cleaning or maintenance required, helping to reduce component wear, extend service life, and minimise downtime.

## RENTAL & RESIDUAL VALUE

The ability to remotely monitor the location, operation, performance and condition of the trailer means rental providers can easily move to a pay-per-use model, price differentiation for intensive use of a moving floor trailer than for lighter use. The data gathered on the mechanical health of the trailer and drive system and on floor wear also helps determine a trailer's residual value more accurately.

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# This is Kraker Trailers

## The Kraker promise

In typical Dutch fashion, we get straight to the point: produce moving floor trailers with the highest yield that meet the **highest environmental, safety and economical requirements**. Your convenience and efficiency enjoy top priority. The proof?

## Moving Smart

A lightweight yet strong moving floor trailer that continuously monitors its own state of health via a **sophisticated telematics system**, reducing maintenance and vehicle downtime, raising productivity, maximising service life and slashing total cost of ownership.

## Focus

Moving floor trailers. Kraker has been focusing on this **since 1989**. We continuously incorporate user experience during the development and production of trailers to provide you with the most efficient and cost-effective vehicle.

## Pride

You are most likely very proud of your moving floor trailer. We feel the same way, and we are proud of the people who develop, build and sell the trailers. Success is something we achieve together. We meet your **expectations** and often also **exceed** them.



**Kraker Trailers Axel B.V.**

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