RAISE YOUR TRAILERS IQ AND YOUR RETURN ON INVESTMENT

In today’s competitive, cost-conscious and highly regulated transport world, every decision counts. WABCO’s award-winning Intelligent Trailer Program supports you to increase operational efficiency, safety and fuel savings.
RECOMMENDED FUNCTIONS BY VEHICLE TYPE

BOX TRAILER
- Anti-Lock Braking Function (ABS)
- Rollover Stability Support
- OptiLevel™
- Immobilizer
- OptiLoad™
- OptiTurn™
- SmartBoard
- TailGUARD™
- OptiTire™
- Telematics
- OptiFlow™ Tail
- OptiLock™

CURTAIN SIDE TRAILER
- Anti-Lock Braking Function (ABS)
- Rollover Stability Support
- OptiLevel™
- OptiLoad™
- OptiTurn™
- SmartBoard
- TailGUARD™
- OptiTire™
- Telematics
- OptiFlow™ Tail
- OptiLink™

FULL TRAILER
- Anti-Lock Braking Function (ABS)
- Rollover Stability Support
- OptiLevel™
- OptiLevel™ 2-Point Control
- SmartBoard
- OptiTire™
- TailGUARD™
- OptiFlow™ Tail

TANKER
- Anti-Lock Braking Function (ABS)
- Rollover Stability Support
- OptiLevel™
- Overload Indicator
- SmartBoard
- OptiTire™
- TailGUARD™
- SafeStart

TIPPER
- Anti-Lock Braking Function (ABS)
- Rollover Stability Support
- OptiLevel™
- Finisher Brake
- SafeStart
- Overload Indicator
- Tilt Alert
- SmartBoard
- OptiTire™

CONTAINER CHASSIS TRAILER
- Anti-Lock Braking Function (ABS)
- Rollover Stability Support
- OptiLevel™
- Return-to-Ride
- SmartBoard
- OptiTire™
- TailGUARD™
- OptiLoad™
- OptiTurn™
FUEL & CO₂ REDUCTION

When driving is your business, fuel economy is of critical importance. And if that goal is achieved with minimum human intervention, the driver’s time can be spent more productively elsewhere. Add to that, the safety and environmental benefits of a vehicle running at optimum levels, and it’s clear that these features are more than ‘nice-to-haves’. In today’s climate, they are essential.

FUEL SAVING SUSPENSION
Automatically controls chassis height while driving to improve stability and fuel economy

OPTIFLOW™ SIDEWINGS
Proven aerodynamic side skirt technology for trailers reduces fuel consumption and carbon footprint at highway speeds

OPTITIRE™
Tire pressure monitoring, including strap-mounted sensors covering all rim sizes and applications

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LIFT AXLE CONTROL
Lifts the lift axle without driver intervention when the trailer is unladen, ensuring optimum operating efficiency

OPTIFLOW™ TAIL
Rear aerodynamic fairing for trailers to reduce fuel consumption and CO₂ emissions

OPTIFLOW™ AUTOTAIL
Automatically deploying rear fairing

LOAD OPTIMIZATION

The effect of cargo on the trailer and, ultimately, the truck has implications for safety, driver comfort, fuel efficiency and maintenance. Choose wisely from the Intelligent Trailer Program, and you will not just prevent overload but also optimize cargo distribution and vehicle stability throughout the journey for the best possible performance.

OVERLOAD INDICATOR
Increases operating efficiency and safety by measuring the load on axles and providing a warning in case of overload

AIR BELLOWS PROTECTOR
Maintains residual pressure helping avoid tire bounce and wear while increasing component life

OPTILOAD™
Automated load control to avoid overload on the fifth wheel

FORKLIFT CONTROL
Enhances trailer stability while driving

OPTILEVEL™ 2-POINT
A level control system that automatically adjusts the trailer platform to stay parallel to the ground

Find out more and stay up-to-date online
OPERATIONAL EFFICIENCY

There are three keys to trailer operational efficiency: knowledge, speed and simplification. Because the more you know about a vehicle and the less you have to do on the road, the better it is for both drivers and fleet management. Which is precisely what this customizable combination of intelligent functions is designed to achieve.

- **OPTILEVEL™**
  Trailer height control reduces fuel consumption and safely accelerates loading/unloading operations

- **OPTITURN™**
  Improves trailer maneuverability on roundabouts and through sharp corners

- **RETURN-TO-LOAD LEVEL**
  Automatically maintains trailer at the level of the loading bay during loading/unloading procedures

- **NOTEBOOK MEMORY**
  Key vehicle data is stored in the memory of Trailer EBS to optimize service and support

- **OPTILOCK**
  Electronic high security locking system for trailer and container doors

- **IMMOBILIZER**
  Protects your trailer with a “clean-hands” alternative to the kingpin lock

- **OPERATING DATA RECORDER**
  ‘Black Box’ that records all trailer operating data including driver behavior, analysis and utilization

- **BATTERY CONTROL**
  Maintains uncoupled trailer functions active without power from the truck

- **OPTITURN™**
  Improves trailer maneuverability on roundabouts and through sharp corners

- **BRAKE PAD WEAR INDICATOR**
  Detects and alerts when brake pads need replacement

- **TX-TRAILERGUARD**
  Premium trailer connectivity solution which monitors, reports and analyzes all critical data from the trailer and its connected peripherals

- **ADVANCED MULTI-VOLTAGE**
  Connect 12V and 24V trucks to your trailer without converters

- **TX-TRAILERPULSE**
  Robust trailer telematics which combines real-time track and trace functionality with additional trailer health and remote diagnostic information

- **TRAILER EXTENSION CONTROL**
  Safely accelerating telescopic trailer extension process

- **MEMORY LEVEL**
  Programmable trailer height levels to achieve optimum on-the-road efficiency and safety

- **IMMOBILIZER**
  Protects your trailer with a “clean-hands” alternative to the kingpin lock

- **SERVICEMIND**
  Alerts drivers on due service intervals on the trailer

- **OptiLevel™**
  Trailer height control reduces fuel consumption and safely accelerates loading/unloading operations

- **OptiLink**
  Smartphone-App to monitor and control trailer safety and efficiency functions

- **OptiTurn™**
  Improves trailer maneuverability on roundabouts and through sharp corners

- **OPTIRELATIVE LEVEL**
  Programmable trailer height levels to achieve optimum on-the-road efficiency and safety

- **OptiLevel™**
  Trailer height control reduces fuel consumption and safely accelerates loading/unloading operations

- **OptiLink**
  Smartphone-App to monitor and control trailer safety and efficiency functions

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  Improves trailer maneuverability on roundabouts and through sharp corners

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ADVANCED SAFETY

Cornering, braking, reversing, delivering ... every aspect of a trailer’s journey can hold its potential dangers. WABCO’s Intelligent Trailer Program Advanced Safety Features help mitigate these potential dangers and improve the driver’s experience.

ANTI-LOCK BRAKING FUNCTION (ABS)
Optimizes trailer control during emergency braking by preventing the wheels from locking and slipping on the road

SAFESTART
Automatically brakes the trailer when detecting a lifted tipper, an opened pallet box or an unclosed filling dome

ROLLOVER STABILITY SUPPORT (RSS)
Automatically brakes the trailer when it threatens to roll over on a bend

ELECTRONIC PARK BRAKE
Automatically brakes the trailer during coupling and uncoupling

TILT ALERT
 Warns the driver when the trailer reaches a critical tilting angle to prevent it from tilting over

BOUNCE CONTROL
Prevents damage to trailer and loading dock by releasing the trailer brakes in a controlled way

ROUTER & REPEATER
Reinforces the electronic braking signal (EBS) for extra-long trailers and trailer combinations

TAILGUARD™
Rear blind spot detection system with automatic braking available for a wide range of applications

EMERGENCY BRAKE ALERT
Start flashing brake lights automatically during emergency braking to alert approaching vehicles

SAFESTART
Automatically brakes the trailer when detecting a lifted tipper, an opened pallet box or an unclosed filling dome

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DRIVER COMFORT & EFFECTIVENESS

Retaining skilled drivers is the key to running an efficient operation, which is why it’s also common sense to make sure that trailers contribute to their effectiveness. So think of the Intelligent Trailer Program as the driver’s toolbox. Now all you have to do is choose the tools.

TRAILER REMOTE CONTROL
A device inside the truck cab that offers easy control of most Intelligent Trailer functions.

FINISHER BRAKE
Controls the trailer brakes to synchronize it to an asphalt finisher vehicle during unloading

NEW SMARTBOARD
A simple control pad giving the driver instant access to key trailer information and control of the Trailer EBS and air suspension functions

TRACTION HELP
Lifts the trailer’s lift axle to increase the traction on the truck’s drive axle on slippery surfaces and slopes

RETURN-TO-RIDE
Automatically protects the trailer by restoring the driving level at a programmable speed after loading/unloading

TRAILER LENGTH
Measures and displays the actual length of telescopic trailers

STEERING AXLE LOCK
Automatically locks the self-steering axle during reversing to help drive straight and to maintain trailer stability at high speeds
For further product details contact your WABCO representative