



SmartTrac™ Automatic
Trailer Lift Axle Control
System

MERITOR WABCO

Safety Strong. Efficiency Smart.

SmartTrac™ Automatic Trailer Lift Axle Control System

Smart fleets realize the potential savings associated with lifting trailer axles in operations where the trailer returns empty or the load reduces throughout the day. Manual lift axle systems suffer from drivers neglecting to manage the lift axle position properly. This results in exposing the primary axle to overload conditions or losing benefit of a lift axle system when the axle is left lowered on an empty trailer.

Meritor WABCO's SmartTrac Automatic Trailer Lift Axle Control System is an intelligent solution that monitors the load on the trailer suspension and automatically raises and lowers the lift axle(s) independent of driver input. It is a cost efficient solution for reducing operating costs. The system complies with U.S. DOT legal load limits.

Our Goal: Reduce Operating Costs

The SmartTrac Automatic Lift Axle Control System reduces unnecessary wear on tires, brakes, and bearings that occurs when a trailer is not fully loaded, ensuring the optimum amount of axles are on the road given the current trailer loading conditions. Benefits include:

- Improved tire, brake and wheel end life
- Improved fuel economy due to reduced rolling resistance
- Reduced vehicle down time, labor, and maintenance costs
- Reduced risk of overloading the primary axle(s)
- Potential toll savings for lifted axle(s)



What Sets Us Apart

- SmartTrac Automatic Lift Axle Control System is designed to reduce chances of overloading the trailer fixed axle(s) by using intelligent algorithms
 - Monitors suspension load and adjusts the lift axle(s) accordingly
 - The driver does not have to manually adjust the lift axle(s) position
- Meritor WABCO's system is compatible with any air ride equipped lift axle suspension
- The Trailer Automatic Lift Axle Control System integrates with SmartTrac's ABS (InfoLink Capable ECUs) or RSS without requiring additional ECU's. This offers a higher economic value as opposed to stand alone lift systems
- Meritor WABCO is the industry leader for trailer dynamic control solutions and was first to market with ABS and RSS systems for the trailer market in North America
- Multiple lift axles can be controlled
- The system can be configured using TOOLBOX™ 11.3 for specific applications and local road laws
- Lift axle(s) are automatically raised and lowered at defined pressure limits

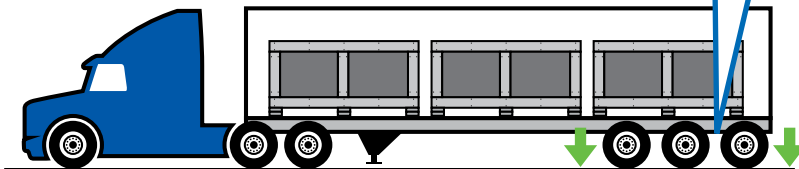
Configure to Fit Your Application

Option 1: Axle(s) can be automatically lowered when the trailer is parked.

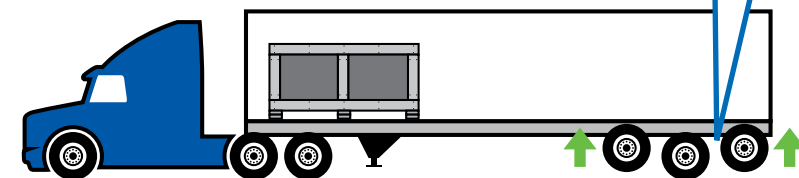
- Beneficial for fast loading applications or slider repositioning

Option 2: Add a manual switch, for drivers to have the ability to lower an axle.

- This will give more control to the driver while simultaneously using the automatic lift and lower feature



When the trailer is fully loaded, the axles will automatically lower to distribute weight



As the trailer load is reduced, the Meritor WABCO Trailer Lift Axle Control System will automatically raise the lift axle to reduce unnecessary tire wear and rolling resistance, thereby improving fuel economy and reducing costs.

Meritor WABCO's Lift Axle system supports various trailer configurations. For more information, call the customer service team at 888-725-9355 or visit www.meritorwabco.com.

Features and Benefits:

- Fully automated to help reduce chance of driver error
- Increased fuel efficiency due to reduced rolling resistance
- Increased life of lift axle tire
- Increased brake life
- Increased wheel end life
- Potential toll savings for lifted axle(s)
- Reduced risk of overloading the primary axle(s)

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For more information on Meritor WABCO's Products call our OnTrac Customer Service team at 866-OnTrac1 (866-668-7221) or visit meritorwabco.com.

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