



## TrailerTail® benefits

- 5.1% fuel savings at 62 mph based on Type II SAE J132 Tests
- EPA SmartWay® and DOT approved
- Only rear-mounted aerodynamic device which alone allows full compliance with 2010 CARB trailer aerodynamics regulations
- Does not interfere with shipment loading and unloading: one-touch opening / collapses in <6 seconds
- Lightweight, rugged panels endure daily wear and driver abuse
- Improves the safety and appearance of trailer fleets through reduced road spray
- Use alone or in combination with ATDynamics-Transtex skirts for 8-12% fuel savings

## TrailerTail® specification chart

Compatibility	<ul style="list-style-type: none"> <li>• Available for swing-door, reefer and drop-deck trailer applications</li> <li>• Retrofit and OEM compatible</li> <li>• Roll-door applications coming soon - contact ATDynamics</li> </ul>
Operations/Weight	<ul style="list-style-type: none"> <li>• 4 ft. fully extended length / collapses flush to doors</li> <li>• 175 lbs.</li> </ul>
Installation:	<ul style="list-style-type: none"> <li>• 2 people / 2 hours</li> <li>• Installed at any trailer maintenance facility</li> </ul>



### About ATDynamics

Advanced Transit Dynamics (ATDynamics) designs and delivers best-in-class fuel-efficiency technology for the freight transportation industry. ATDynamics works with trucking fleets throughout North America to save fuel costs and reduce vehicle emissions.

**TrailerTail® on its own provides full compliance with 2010 CARB requirements for trailer aerodynamics**



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Photos shown are for illustration only. Actual products will vary based on specifications.

B-TT0812-F2

# TrailerTail®

## Frequently Asked Questions



### Q: Does TrailerTail® really save fuel?

A: Yes, The TrailerTail® fuel savings have been proven in on-road SAE Type II third-party tests. TrailerTail® will deliver 5.1% fuel-efficiency gains at 62 mph and over 6% at 68 mph or greater. The patented TrailerTail® design lowers vehicle fuel consumption by reducing low-pressure suction drag directly behind a trailer. ATDynamics TrailerTail® technology delivers over twice the fuel-efficiency gains of any other commercially available rear drag reduction technology and is the only rear-mounted aerodynamic device which allows fleets to fully comply with 2010 CARB trailer aerodynamics regulations.

### Q: Is it legal?

A: Yes, the TrailerTail® is the only device to officially demonstrate compliance with DOT regulation CFR 658.16(b)(4) which allows for a 5 foot extension for non-cargo carrying aerodynamic purposes.

### Q: How does the TrailerTail® benefit the environment?

A: Each trailer driving with the TrailerTail® for 50k miles or more per year reduces the carbon dioxide it releases into the atmosphere by over 4 tons. The annual emissions savings from two TrailerTails® is greater than the CO<sub>2</sub> that the average passenger car emits in a year.

### Q: How does the TrailerTail® impact the loading and unloading of cargo at docking bays?

A: Patented TrailerTail® design allows drivers to operate swing doors normally. The device opens with one-touch and collapses in less than six seconds flush against the doors for normal loading / unloading.

### Q: How does a the TrailerTail® enhance the safety and performance of a tractor-trailer?

A: Because the TrailerTail® streamlines airflow and minimizes turbulent vortices behind a trailer, truck drivers notice less sway at the backs of their trailers and improved visibility when using their rear-view mirrors during rain or snow. Trailing passenger cars experience both a smoother ride and a decrease in hazardous road spray, plus, without the drafting benefits of suction drag, they have less incentive to harass truck drivers by tailgating dangerously close to the rear of tractor-trailers.

### Q: What about rain/ice/dirt/grime?

A: By streamlining the airflow at the rear of vehicles, the TrailerTail® reduces the turbulent spray behind a trailer and leads to lower snow, dirt, and grime accumulation on trailer doors. All latching mechanisms have been tested in snow and ice conditions.

### Q: How long does TrailerTail® installation take?

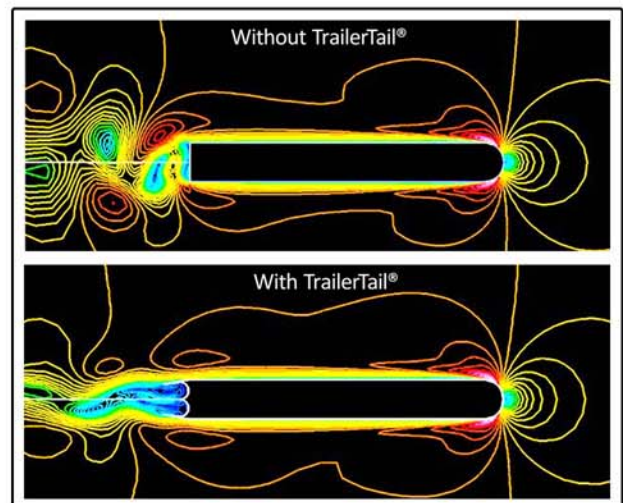
A: The TrailerTail® is designed to require 2 people 2 hours to install. Installation time will drop in large fleet roll-outs.

### Q: How do I purchase TrailerTail® technology for my fleet?

A: TrailerTail® is available from your local trailer dealership, OEM installed and from ATDynamics directly. For more information contact ATDynamics.

Miles Driven at Highway Speeds  
(per trailer)

	50,000	75,000	100,000	150,000
Diesel Cost (per gallon) \$ 2.50	\$1,063	\$1,594	\$2,125	\$3,188
\$ 3.50	\$1,488	\$2,231	\$2,975	\$4,463
\$ 4.50	\$1,913	\$2,869	\$3,825	\$5,738



Bird's eye view of trailer moving left to right

