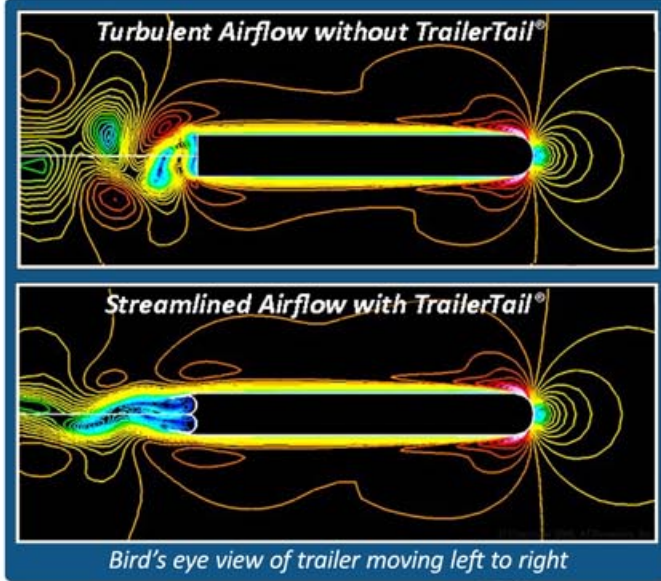


ATDynamics

Demand Efficiency



Fuel Efficient. Trucker Tough.



TrailerTail® Rear-Drag Reduction

- TrailerTail® delivers thousands of dollars in fuel savings annually to long-haul fleets
- Does not interfere with shipment loading and unloading
- Lightweight, rugged panels endure daily wear and driver abuse, and are engineered to ensure smooth opening and closing
- Improves the safety and appearance of trailer fleets through reduced road spray
- SAE-tested and EPA SmartWay®-approved, and has received the industries only official DOT length exclusion
- **TrailerTail® on its own provides full compliance with 2010 CARB requirements for trailer aerodynamics**

Anti-Jackknife Faring Sensor

- Alerts driver of possible damage to extended side fairings during sharp turns
- Eliminates costly and time consuming repairs
- Increases driver and bystander safety



AeroCone™ - Front Fairing

- Reduces aerodynamic drag between tractor and trailer
- Does not interfere with turning radius

= Aerodynamic Drag Regions

“The worst shape to pull down the highway at 55 mph is a *big rectangular box*”

TrailerTail® allows full door access



Expands with one-touch opening



SuperSpare™ Wide Base Tire Mount

- Facilitates fleet transition to super single tires
- Insures against the high cost of breakdowns
- High-capacity hoist easily lifts and secures valuable super single tires
- Available for tractor and trailer



WheelShield™ Aerodynamic Hubcaps

- Streamlines wheel drag and increases fuel economy
- Enhances fleet appearance and reduces wheel-cleaning costs
- Patent-pending attachment system allows quick installation and wheel access
- Design is auto-inflation compatible



ATDynamics-Transtex Skirts



- Highest durability, lowest cost of ownership skirt in the industry
- Light weight impact resistant material withstands harsh operating environments
- Custom designs available for specialized trailer application
- Side Skirt technology is SAE-tested and EPA SmartWay®-approved
- Simple Installation

TrailerTail® Savings

Per year, every 1,000 trailers outfitted with TrailerTails®:

- Save more than \$2 million at the pump (75k miles)
- Prevent 7,000 tons of CO² from entering the atmosphere

		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

Calculate Your Annual Fuel Savings
(based on proven SAE 5.1% efficiency gains at 62 mph)

Complete Aerodynamic Package delivers:

- TrailerTail®: 4-6%+
- Side Skirts: 4-7%+
- Front Fairing: 1-3%+
- WheelShields™: .2%+

8-14% Fuel Savings**

* SAE Type II Testing
** The projected range achievable in SAE tests of full aerodynamic packages. Variation depends on baseline aero package component choice.



product specification chart

Product	Compatibility	Operations / Dimensions / Weight	Installation
TrailerTail®	<ul style="list-style-type: none"> Available for all major swing-door, reefer and drop-deck trailer brands Retrofit and OEM compatible Provides full CARB 2010 trailer aerodynamics regulation compliance (>5% efficiency) Roll-door option in development 	<ul style="list-style-type: none"> One Touch Opening / collapses in 6 seconds 4 ft. fully extended length/ collapses to allow complete swing door operation 175 lbs. 	<ul style="list-style-type: none"> 2 people / 2 hours Installed at any trailer maintenance facility
ATDynamics- Transtex Skirts	<ul style="list-style-type: none"> Available for all dry van, reefer and specialty trailer applications ATDynamics works with fleets to identify custom side skirt requirements 	<ul style="list-style-type: none"> No driver operation required 175 lbs. 	<ul style="list-style-type: none"> 2 people / 2 hours Installed at any trailer maintenance facility
SuperSpare™ - Tractor	<ul style="list-style-type: none"> Available for tractors with 43" clear frame rail between fuel tank and drive wheels 	<ul style="list-style-type: none"> Self contained lift mechanism 38 lbs. 	<ul style="list-style-type: none"> 1 person / 30 minutes Installed at any trailer maintenance facility
SuperSpare™ - Trailer	<ul style="list-style-type: none"> Designed for trailers with side skirts Available for trailers with standard floor I-beam construction 	<ul style="list-style-type: none"> Self contained lift mechanism 25 lbs. 	<ul style="list-style-type: none"> 1 person / 30 minutes Installed at any trailer maintenance facility
WheelShield™	<ul style="list-style-type: none"> Available for most 22.5" wheels 	<ul style="list-style-type: none"> No driver operation required <5 lbs. per wheel 	<ul style="list-style-type: none"> 1 person / 20 minutes Installed at any trailer maintenance facility

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 improve the fuel economy of tractor-trailers with proven technologies validated by the US EPA.



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