



CHANGING THE SHAPE OF TRUCKING



SmartTruck's Aerodynamic Systems

**This CARB/EPA SmartWaySM compliant trailer system
delivers a 10% improvement in fuel efficiency for your fleet.**

www.SmartTruckAero.com

THE RESULT: 10% IMPROVED FUEL EFFICIENCY

A rectangular shaped trailer is great for hauling cargo. But from an aerodynamic perspective, no shape could be more difficult to pull through the air. Behind every trailer running down the highway is a low pressure wake that is the single largest element of aerodynamic drag. This wake tries to pull your vehicle backward, reducing fuel efficiency.






SmartTruck's Aerodynamic System is designed to reduce the size of this high drag wake, accomplishing the greatest amount of drag reduction and fuel savings from a trailer aerodynamic device. The UnderTray does this by adding high energy airflow into the low energy, low pressure wake. Incoming airflow under the trailer is compressed and accelerated through the UnderTray components and the resulting higher energy airflow is injected into the trailer wake. At the same time, the Aerodynamic Rain Guard pulls the high energy airflow from above the trailer into the trailer wake.

The result is a 16% reduction in drag and a 10% improvement in fuel mileage on a typical Class 8 truck during normal, long haul highway operations.

"Our fleet is seeing better than a 10% improvement on MPG since we installed the UT6 System along with Side Fairings."

Norm Thiessen, Owner, Paraclete Transport Ltd.

SMARTTRUCK CONFIGURATIONS

Good	<p>TopKit</p> <p>70 lbs!</p> <p>5.5 % MPG Improvement at Highway Speed</p> <p>7 Gallons of Fuel Saved per 1000 Miles*</p> <p>MSRP - \$999**</p>	
Good	<p>UT1 System</p> <p>5.5 % MPG Improvement at Highway Speed</p> <p>7 Gallons of Fuel Saved per 1000 Miles*</p> <p>MSRP - \$1,299**</p>	
Better	<p>UT6 System</p> <p>7% MPG Improvement at Highway Speed</p> <p>9 Gallons of Fuel Saved per 1000 Miles*</p> <p>MSRP - \$1,699**</p>	
Even Better	<p>UT1^{PLUS} System</p> <p>8% MPG Improvement at Highway Speed</p> <p>10 Gallons of Fuel Saved per 1000 Miles*</p> <p>MSRP - \$1,899**</p>	
Best	<p>UT6^{PLUS} System</p> <p>10% MPG Improvement at Highway Speed</p> <p>12.5 Gallons of Fuel Saved per 1000 Miles*</p> <p>MSRP - \$2,249**</p>	

The Aerodynamic Systems have been verified by U.S. EPA's SmartWay Transport Partnership using the testing and data calculation protocols described in the Joint TMC/SAE J1321 Fuel Consumption Test Procedure - Type II and subsequent EPA modifications.

* Based on typical long haul highway operations

** Manufacturer's Suggested Retail Price

FEATURES LEADING TO EFFICIENCY

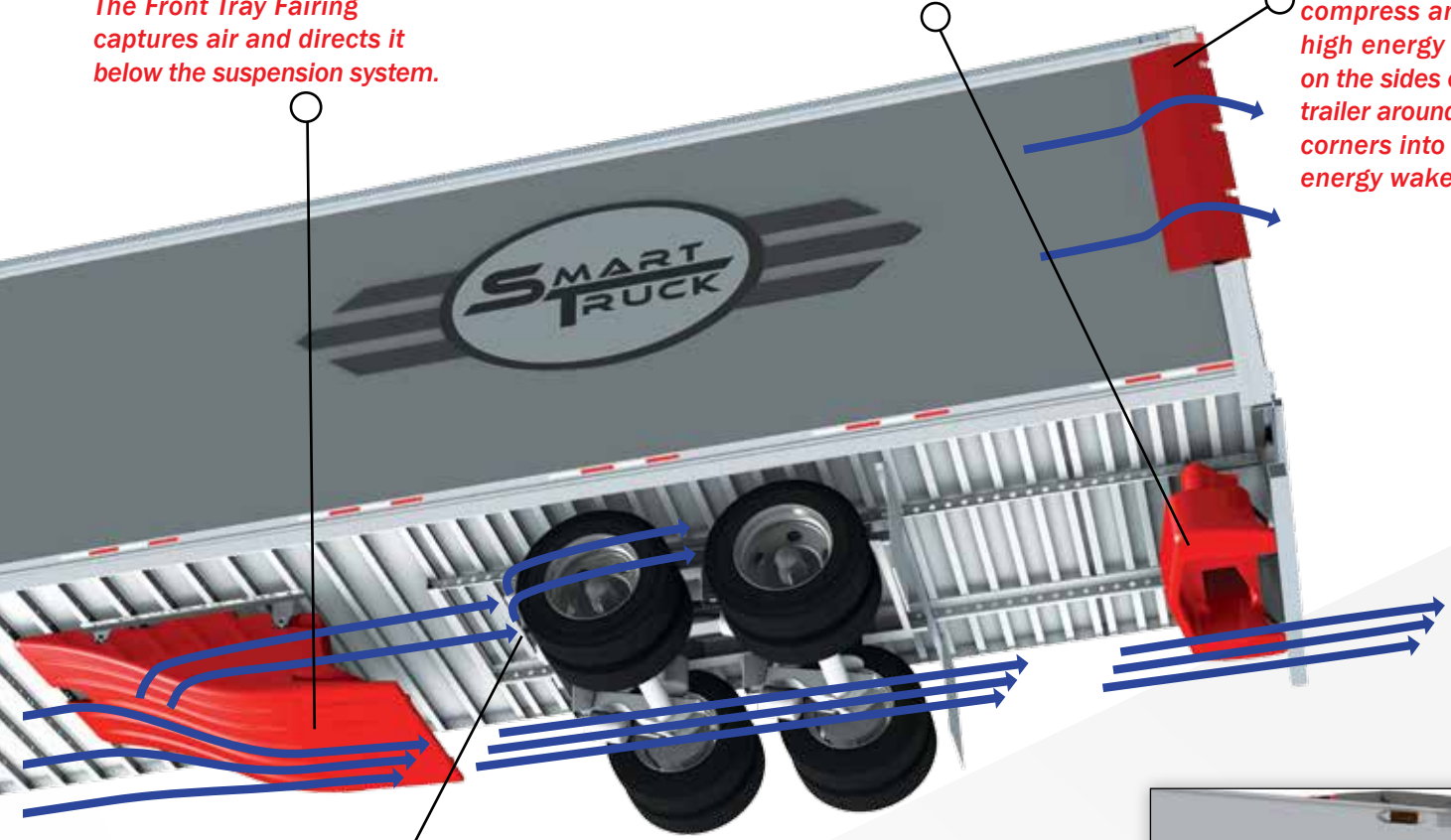


The Aero Rain Guard compresses and redirects high energy airflow on the trailer roof around the rear corner and down into the low energy trailer wake.

The Front Tray Fairing captures air and directs it below the suspension system.

The Rear Diffuser accelerates and compresses the air and injects the higher energy air into the low energy trailer wake.

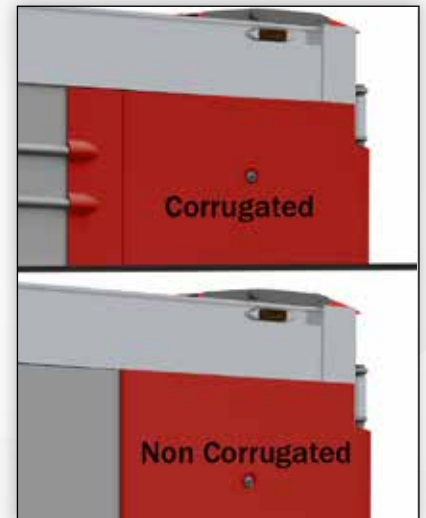
The Side Fairings compress and redirect high energy airflow on the sides of the trailer around the rear corners into the low energy wake.



Increased airflow coming from the side of the Front Tray helps tire and brake cooling

A SYSTEM THAT DELIVERS

- Groundbreaking Aerodynamic Design
- Quick and Easy Installation
- Exceptional Financial Value
- All Weather Rugged Durability
- Rail Friendly Design
- Complete Trailer Accessibility
- No Moving Parts
- Improved Tire and Brake Cooling
- 100% Recyclable Components
- CARB certified/EPA SmartWay verified



⋮ RUGGED DESIGN BUILT FOR THE LONG HAUL

The SmartTruck Aerodynamic System, made entirely in the USA, is made of durable polyethylene plastic. This 100% recyclable material is used in many truck and marine applications and is proven to stand up to the abuse of the road, chemicals and weather. Installed inside the footprint of your trailer and high off the ground, the components do not contact steep loading docks and other day to day obstacles. The aerodynamic system is designed to last as long as your trailer.

Installation is straightforward and simple. The aerodynamic system is bolted to your trailer using weather-resistant, electroplated zinc iron brackets. No special equipment or tools are needed—the aerodynamic components can be installed in as little as one hour.

“Once we completed our fuel testing of SmartTruck’s UT6Plus System, we made the decision to remove our skirts and tails and replace them with SmartTruck. The overall fuel savings were greater and it was clear to us that the maintenance and durability was far superior.”

- Randolph Crowder, VP Maintenance, Carolina Cargo



“We had a driver back over a 5 foot embankment completely crushing your unit, when the crane picked up the trailer your unit popped back into shape with a few scratches and down the road we went. Going forward we will spec all of our trailers with the SmartTruck System.”

-Tom Dahlberg, Owner, 101 Transport

“We have tested the SmartTruck UnderTray UT-1 System against skirts and continuously saw a 3% improvement over skirts”
Gwen LuDuke – Director of Maintenance – Megatrux Transportation, Inc

“We’re seeing our trailer tire and brake costs going down, which we believe is a result of the improved airflow from the UnderTray”
Brad Pinchuk, President, Hirschbach Motor Lines

“We have never seen fuel mileage like this in all of our years of trucking. We will proudly accept a phone call from any truck driver anywhere to share our experience.”
Daniel Snow, Owner, Snow Farms Transportation

“The UT-1 meets the SmartWay requirements for advanced aerodynamic devices. We expect to see the value in our investment with increased fuel economy of 5% or more.”
Mike Walters – Vice President/General Manager, CRST

“We have tested the SmartTruck Undertray UT6 on a tandem trailer over a dedicated route using the same power unit for a 90 day period ending in June 2013. Our test results showed a solid 6% improvement in fuel economy over that period.”
Carlo Sousa, Vice President of Operations, Maritime-Ontario Freight Lines Limited



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