



Windmaster

Aerodynamic Rolling Tarp System

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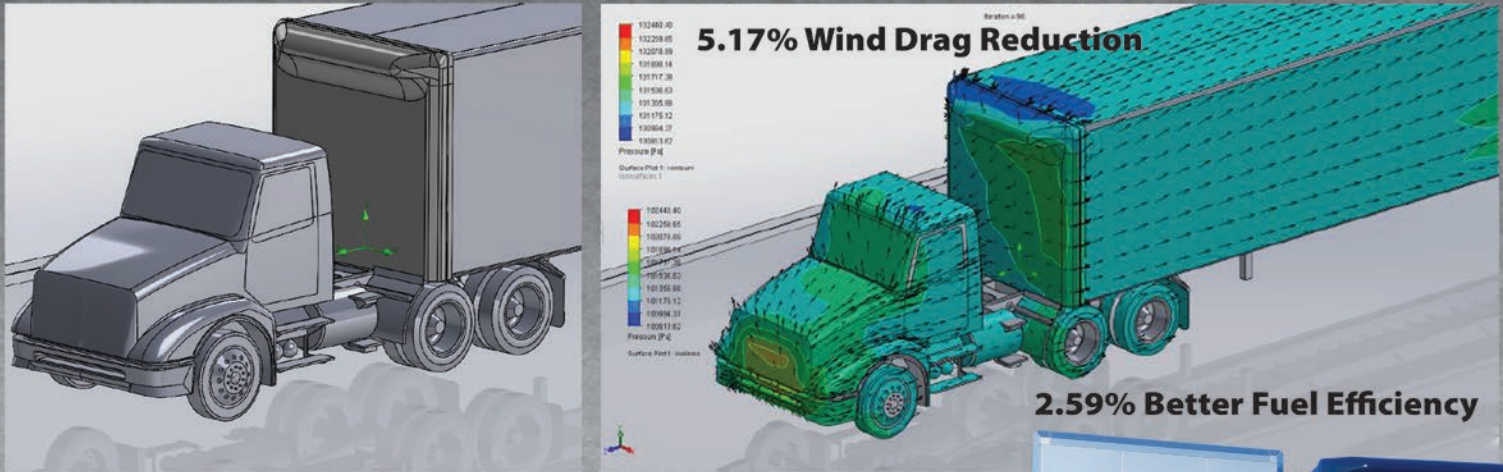
THE WESTERN
WAGON

TRANSFORMED FROM THE 1800'S

LOAD COVERING SOLUTIONS MEETS MODERN DAY TRANSPORTATION TARPING REQUIREMENTS



CFD SIMULATION ANALYSIS tested in comparison to a flat 100" high bulkhead traveling at 65 MPH



CFD Simulation Analysis

Bulkhead Comparison 100" Ht. with 10" Fairing vs. Flat Wall

System Height 100"	Wind Drag Reduction (Drag Force Value %)					Improved Fuel Economy (%)
	Head Wind at Yaw Angle 0°	Cross Wind at Yaw Angle 3°	Cross Wind at Yaw Angle 6°	Cross Wind at Yaw Angle 10°	Cd (Drag Coefficient) Flow Weighted Average (%)	
Aerodynamic Bulkhead Fairing		3.51%	5.89%	5.06%	5.17%	2.58%



LCS- Load Covering Solutions offers a Fully Integrated Aerodynamic Flat Front Bulkhead Design. Our engineering criteria was specific to providing a minimum wind drag reduction of 5% resulting in enhanced fuel economy of 2.5%. It had to be the 1st flat modular bulkhead design in existence that allowed for easy exterior component replacement in the event of service and repair. The standard middle wall panel would be mill finish aluminum but allowing to dress up to a Show & Shine Waffle or Mirror Stainless Std making for an overall **"GR8LOOK"**.

The net result is a CFD Tested 10" upper fiberglass extended fairing with dual smooth air flow contoured fiberglass side legs that can all be color gel coated to LCS 12 selected colors.



Make the right purchase and make your next load covering rolling tarp system a "GR8LOOK".



Available for Straight / Tilt / Crane Truck Bodies



Available for Gooseneck / Bumper Pull / Fender Trailers



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