Windmaster ORIGINAL

- Over 7% CFD Wind Drag Reduction
- Over 3.5% Fuel Economy
- 33” Upper Fairing tapers down to 10”
- Man Door STD

1st Ever Aerodynamic Bulkhead launched by LCS 2014

8 Great Models of Engineered ROLL TOPS
www.loadcovering.com   1-877-790-5665
CFD FLOW SIMULATION ON TRAILER FRONT BULKHEAD FAIRING FOR AERODYNAMIC DRAG REDUCTION 7% - 9% (FUEL ECONOMY BETWEEN 3.5% - 4.5%)

**LCS - Flatbed Trailer with & without WindMaster Bulkhead equipped with Sliding Tarp System**

### CFD Simulation Analysis

<table>
<thead>
<tr>
<th>System Ht.</th>
<th>WindMaster Bulkhead</th>
<th>Improved Fuel Economy</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(W/ Angle 9°)</td>
<td>(W/ Angle 6°)</td>
</tr>
<tr>
<td>7ft (84&quot;) Ht.</td>
<td>7.0%</td>
<td>7.8%</td>
</tr>
<tr>
<td>8ft (96&quot;) Ht.</td>
<td>8.3%</td>
<td>13.8%</td>
</tr>
<tr>
<td>100&quot; Ht.</td>
<td>9.1%</td>
<td>10.2%</td>
</tr>
</tbody>
</table>

**WindMaster AirFlow Without**

100" High System – No Aerodynamics

**WindMaster AirFlow With**

100" WINDMASTER Front - 9.7% Wind Drag Reduction / Increase Fuel Economy 4.8%

© Copyright 2017

---

**Load Covering Solutions Inc.**

Office: 1051 Clinton St. Buffalo, NY 14206

**Installations and Service:**

2251 Wehrle Drive, Williamsville, NY 14221 (exit 49 NY I-90)

Toll Free: 1-877-792-5665 Fax: 1-877-545-5623

info@loadcovering.com

**www.loadcovering.com**

---

**Load Covering Solutions Ltd.**

Canada

5499 Harvester Road, Burlington ON L7L 5V4

Toll Free: 1-800-465-8277 Fax: 905-335-8499

info@loadcovering.com

www.loadcovering.com

---