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TRUCKING NEWS

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Load Covering Experts



Load Covering Solutions (LCS) remains a strong supply chain partner to Owner Operators, Fleets & OEM's across North American by meeting the changing needs of today's shippers and receivers. Seven years ago after operating successfully for 30 years under the well-recognized corporate name of Aero-Kit Industries Canada, the corporation decided to do one of the most unprecedented maneuvers by changing its name in Canada and opening up a new presence in Buffalo, NY under the new corporate banner of Load Covering Solutions.

With loyalty and ownership in Canada, LCS continues its Corporate operations in Burlington, Ontario supplying engineered load covering solutions for a vast variety of new and expanding worldwide industries while expanding its dealer network across North America and Australia to provide enhanced flexibility in meeting the needs for localized sales and service to our customers.

Once asked, "What keeps a company in business servicing the same industry for almost 4 decades?" The simple answer was: "Passion for Change".

LCS >> PAGE 4



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ULTIMATE SOLUTIONS FOR HEAVY VEHICLE PARTS



LCS developed the first and only dome roof sliding system widely known today as the Slide Kit™

LCS >> PAGE 1

As a recognized industry innovator, LCS manufactures an expanding wide range of load covering system models for flatbed open deck trucks and trailers in North America.

With the industry's focus and attention for aerodynamics solely being concentrated on trucks and van trailers, LCS initiated in 2008 a program to be the 1st and leading manufacturer of aerodynamic innovations for its own load covering systems. LCS first looked at the requirement for Steel Haulers and why they required such a high square box for hauling round coils. With the assistance of a well-recognized Ontario Steel Hauler LCS developed the first and only dome roof sliding system widely known today as the Slide Kit™. This system allows standard 72" coils to be loaded eye to the front or side. With the assistance of sophisticated aerodynamic software the LCS team created a Patented Bullet like front wind fairing that is so impressive due to super enhanced overall stability, driver's comment: "It's like having no trailer behind the truck"! This product was well received in the market place to the point that today, LCS has many fleets that are running exclusively a dome roof system in their operation.

The next project was to improve overall fuel efficiency for the standard Square Top system, known as The LOOK™. This project was initiated as a result of the rapidly growing concerns made by fleet owners over mounting fuel costs prompting trucking fleets to reduce the heights



The Windmaster SMARTLOOK™. Our newest Aerodynamic, Patent Pending load covering system.

of their load covering systems. LCS recognized the impact of lost load versatility and the potential inability to be able to haul higher loads that the entire rolling covering system's future could be in jeopardy. So LCS took to the challenge of finding a way to increase the maximum height of a system above the deck of a trailer while increasing fuel efficiency, reducing wind drag and promoting driver safety.



POWAIR- Air Release Front Lock Mechanism.

As a result the newest Patent Pending load covering system, branded as Windmaster SMARTLOOK™ emerged at the Mid-America Truck Show in Kentucky, in 2015. Designed by state of the art aerodynamic software, the fully tested fiberglass bulkhead bolts to an optimum 20" ahead of the deck of a flatbed trailer providing full deck utilization, with interior cargo control being organized off the deck. The best part is the 9.96% wind drag reduction in comparison to any flat style bulkhead resulting in 4.98% better fuel efficiency. Available in dozens of gelcoat finishes this product changes the look of the front of a flatbed load covering trailer and no longer appears as an add on component. To appease the show and shine

enthusiast and standard on each bulkhead a mirror finish stainless over width man door was added.

While these successes have proven noteworthy and differentiate LCS from all competitors, the LCS team never stops innovating. To improve overall driver usability and ease of operation, LCS took its original 1994 vertically operated front latch locking mechanism and converted it to another new product innovation now known as POWAIR™. The operator never has to circle the front of their truck to unlock both sides but rather pulls an air switch and watch its front car frame breakaway from its locked position with ease from the driver's side of the cab, improving overall loading and unloading efficiency.

If overhead loading is not a requirement, LCS is one of only 2 manufacturers in North America that offers a Hard Roof, Soft Side European alike Curtain Wall System where if the load side shifts you are always guaranteed to get it off the trailer. Curtain Wall Systems are much more forgiving then a retractable with much reduced maintenance required.



ALCS Hard Roof /Soft Side Curtain Systems.

LCS prides itself in having a knowledgeable and trusted team of professionals to service the truck & trailer transportation industry. We all know that a trucking operation demands 24/7 service and only LCS has weekend service and repair options that are considered some of the best in the business. Our Senior technicians work diligently to train both dealers and fleets on the installation and maintenance of our product, ensuring our customers can receive knowledgeable service and repair throughout North America to keep your fleets on the road and on their way. The LCS team takes pride in seeing our customer's completed products drive down the road on a daily basis and are passionate about delivering an excellent product. LCS recognizes its success and ability to service the market by honoring annually those staff members that have reached incredible milestones with years of service awards for 5-10-15-20-25 and soon approaching 30 years of dedication and loyalty.

For further information about Load Cover Solutions and our expanding line of covering systems, please go to www.loadcoveringsolutions.com and/or call us at 877.790.5665. ■



Windmaster

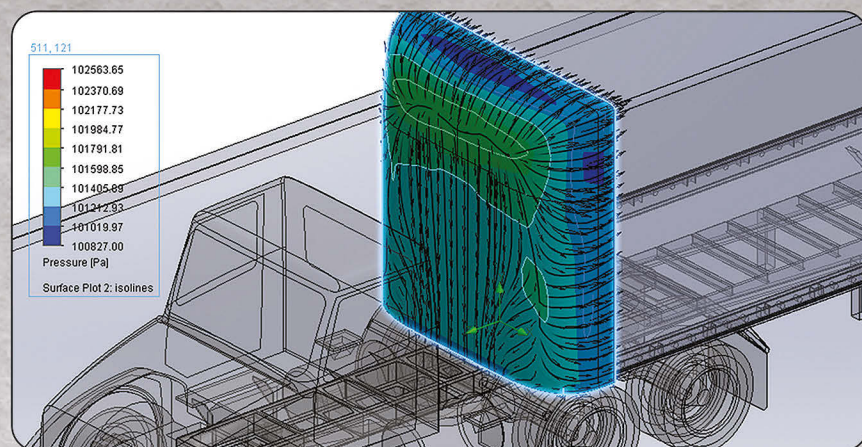
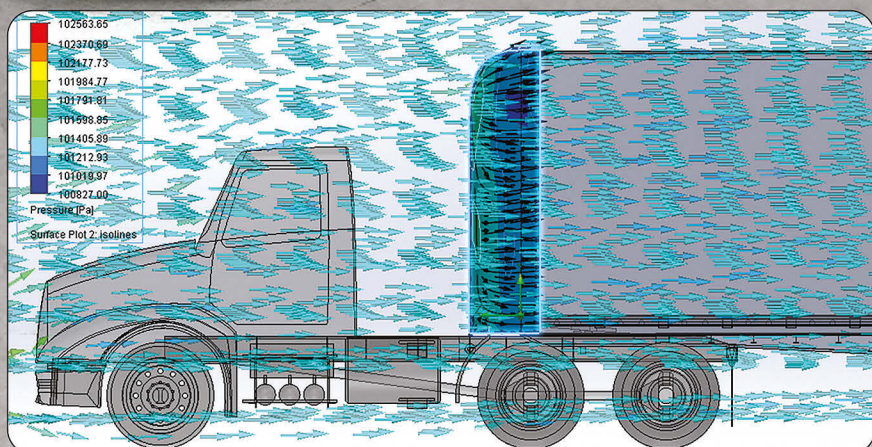
Aerodynamic Innovations by LCS

theSMARTLOOK
engineered sliding systems



“ *Designing Tomorrow’s Innovations for Today’s Trucking Industry* ”

Load Covering Solutions becomes the first sliding tarp system manufacturer with a tested aerodynamic trailer fairing device to address the gap between the back of a truck & front of a flatbed trailer. Windmaster™ is a rugged one piece molded fiberglass component mounted to a robust frame and set ahead filling 20” of the critical gap. Windmaster™ enhances 100% utilization for maximum payload on the trailer deck, while allowing cargo equipment to be stored interior. Windmaster™ **SMARTLOOK** Sliding system when compared to a 100” high flat bulkhead reduced wind drag by 9.96% while improving fuel economy by 4.98%



CFD Simulation Analysis at 65mph

System Ht.	Windmaster Bulkhead Comparison to Flat BH –Wind Drag Reduction				
	Head Wind Yaw Angle 0°	Cross Wind Yaw Angle 6°	Cross Wind Yaw Angle 10°	Wind Drag Reduction	Improved Fuel Economy
100” Ht.	11.67%	9.10%	11.00%	9.96%	4.98%



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