

# OPTIMIZE fuel economy and weight savings on Freightliner's New Cascadia<sup>®</sup>



Hendrickson's OPTIMAAX<sup>®</sup> system is a revolutionary 6×2 solution to help fleets save fuel cost, tire wear and weight with comparable handling to 6×4 tandem axle configurations. Operating as a liftable axle in the forward tandem position, this system provides versatility for fleets with variable loads. The OPTIMAAX system is ideal for fleets in need of additional flexibility for on-highway tractor applications.

To learn more about OPTIMAAX,  
call 855.743.3733 or visit  
[www.optimaax.com](http://www.optimaax.com)

**H HENDRICKSON**  
*The World Rides On Us<sup>®</sup>*

# OPTIMAAX<sup>®</sup> System Features and Benefits

- **OPTIMIZE Automated Controls**

*Proprietary program logic controls lift axle movement, load transfer*

- Fully automated controls eliminates driver intervention
- Automates axle lowering and lifting by sensing load capacities

- **OPTIMIZE Savings**

*Axle configuration saves weight and can help improve fuel economy*

- Achieves fuel economy improvement through eliminating one drive axle (6×2 configuration)
- Provides fuel economy improvement through lifting the non-drive axle (4×2 configuration)
- Lifted axle saves on tire wear to help reduce tire maintenance costs
- Potential savings on toll charges

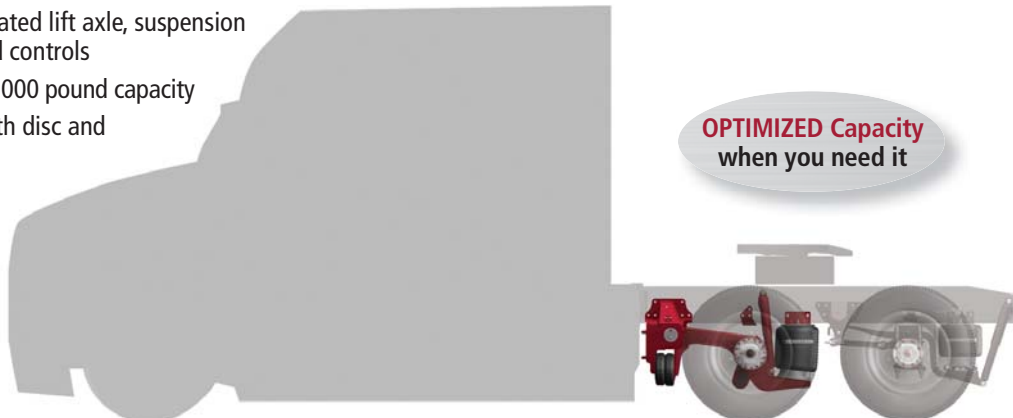
- **OPTIMIZE Traction and Handling**

*Lifted axle provides increased traction by increasing drive axle load*

- Improved traction when backing under trailers in soft soil or wet conditions versus traditional 6×2
- Maintains vehicle handling characteristics by keeping the drive axle behind the fifth wheel

## OPTIMAAX

- Ideal for diminishing load carriers such as: bulk haulers, grocery, livestock, beverage or applications experiencing empty back hauls
- Includes integrated lift axle, suspension and automated controls
- Available in 20,000 pound capacity
- Compatible with disc and drum brakes



*Axle lowered for 6×2 configuration — The OPTIMAAX system senses higher load conditions and lowers the non-drive axle*



*Axle lifted for 4×2 configuration — The OPTIMAAX system senses lighter load conditions and lifts the non-drive axle*

*Actual product performance may vary depending upon liftable axle and vehicle configuration, operation, service and other factors.*

Call Hendrickson at **630.910.2800** or **855.RIDERED (743.3733)** for additional information.



**TRUCK COMMERCIAL VEHICLE SYSTEMS**  
800 South Frontage Road  
Woodridge, IL 60517-4904 USA  
855.RIDERED (743.3733)  
630.910.2800 • Fax 630.910.2899

[www.hendrickson-intl.com](http://www.hendrickson-intl.com)