OPTIMIZE fuel economy and weight savings with Hendrickson’s versatile OPTIMAAX® 6×2 suspension system

Hendrickson’s OPTIMAAX® 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.hendrickson-intl.com
OPTIMAAX® System Features and Benefits

- **OPTIMIZE Automated Controls**
  
  Proprietary program logic controls lift axle movement, load transfer and braking functions
  
  - Fully automated controls eliminates driver intervention and training
  - Automates axle lowering and lifting by sensing load capacities

- **OPTIMIZE Savings**
  
  Axle configuration saves up to 350 pounds and can help improve fuel economy up to 5 percent*
  
  - In general, 6x2 suspension systems for tractors can provide up to 3.5 percent decrease in fuel consumption compared to similar 6x4 tractors▲
  - OPTIMAAX 6x2 system can provide up to 2.3 percent additional fuel consumption savings through lifting the non-drive axle ▲ ▲
  - Lifted axle saves on tire wear reducing tire maintenance costs
  * Compared to 6x4 tandem axle configurations.

- **OPTIMIZE Traction and Handling**
  
  Lifted axle position provides increased traction by increasing drive axle load
  
  - Improved traction when backing under trailers in soft soil or wet conditions versus traditional 6x2
  - 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 drum brakes

▲ Based upon testing conducted by Performance Innovation Transport (PIT) Group of FPInnovations (2013).
Reference PIT Test Report: Comparison of Fuel Efficiency and Traction Performances of 6x4 and 6x2 Tractors

▲ ▲ Based upon independent proving grounds testing commissioned by Hendrickson

![Axle lowered for 6x2 configuration — The OPTIMAAX system senses higher load conditions and lowers the non-drive axle](image1)

![Axle lifted for 4x2 configuration — The OPTIMAAX system senses lighter load conditions and lifts the non-drive axle](image2)

Optimized Capacity when you need it

Optimized Savings when you need it

Actual product performance may vary depending upon vehicle configuration, operation, service and other factors.
All applications must comply with applicable Hendrickson specifications and must be approved by the respective vehicle manufacturer with the vehicle in its original, as-built configuration.
Contact Hendrickson for additional details regarding specifications, applications, capacities, and operation, service and maintenance instructions.

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

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