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, 6×2 suspension systems for tractors can provide up to 3.5 percent decrease in fuel consumption compared to similar 6×4 tractors
  – OPTIMAAX 6×2 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 6×4 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 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 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 6×4 and 6×2 Tractors
▲ ▲ Based upon independent proving grounds testing commissioned by Hendrickson