

Atlas II Seats

Discover what makes new Atlas II from Sears Seating the “Best in Class” truck seats for today’s heavy duty market.

The Atlas II truck seat is a new, contemporary-styled truck seat designed to enhance comfort and improve performance.

Enhanced Comfort

Atlas II has a back support structure contoured to the natural shape of the spine and a contoured seat pan that provides full body support. Seat cushion foam has been enhanced to provide a new level of comfort for the operator.

Improved Adjustability

Atlas II has improved the adjustments of the seat by providing new “easier to operate” seat cushion tilt and seat cushion extension features. A new adjustable shock/damper system allows for a customized ride.

New “Comfort” Feature with the Operator in Mind

Atlas II has developed CVS (Cushion Ventilation System) that provides the operator a “COOL” seat. Thermassage is a heat/massage seat to relax away the aches of a long day of driving.

Unmatched Durability and Ride Performance

ToggleLink Air Suspension®

Sears Seating improved truck seating from the ground up with a new patented design based on driver feedback. The ToggleLink Suspension® delivers a better ride performance. Its internal end stops greatly reduce the chance of topping and bottoming, while the design’s superior lateral stability reduces side-to-side rocking.

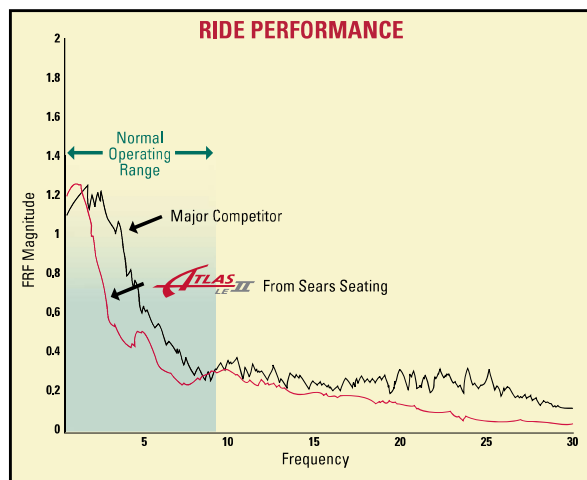
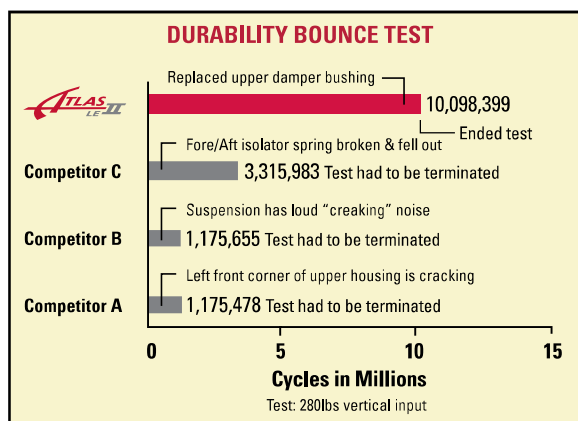
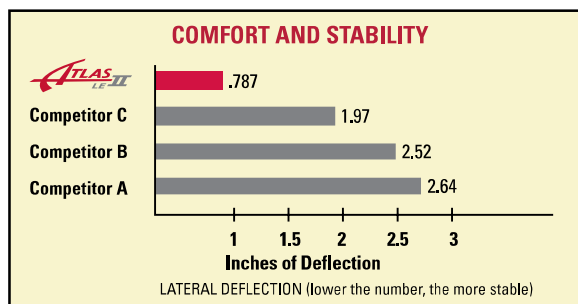
Atlas ToggleLink Suspension® also has fewer main wear points for longer service life.

Stabilizer Double-Locking Slides/Isolator

Sears added a double-locking slide/isolator package to further reduce vibration, eliminate torsion racking and greatly improve the ride. It allows for greater adjustability with 9” of fore/aft slide travel and a full two inches of smooth isolation.

Proof of Performance

Atlas was subjected to complete and rigorous durability testing. For the standard vertical bounce test, the seat carried a 280-pound weight for over 10 million vertical bounce cycles, while competition ranged from 1.7 million cycles to 3.3 million before failure.



Whole Body Vibration Study

University of Washington* conducted a study of whole body vibration (WBV) exposures in long-haul truck drivers. Full-shift (8-12 hrs.) WBV exposures were measured from 89 long-haul truck drivers as part of a baseline designed to evaluate different truck seats. The data were evaluated for important determinations of WBV exposures including trucking company, truck manufacturer and seat manufacturers.

Results: The Sears Atlas II truck seat had 57% less vibration transmitted to the operator on the vertical acceleration axis than the competitive truck seats. For the vector sum of all accelerations, the Sears Atlas II truck seat shows a 20% reduction in total WBV over the competitions’ seats.

When selecting truck seats for professional truck drivers, it may be important to understand that there are differences in the effectiveness of WBV exposure reduction between truck seat manufacturers.

*University of Washington Department of Environmental and Occupational Health Sciences