



## A SUPERIOR DRIVE STARTS WITH SUPERIOR DRIVE AXLES

The Mack® Drive Axles, in both single and tandem configurations, deliver significant advantages in typical highway applications. The superior automatic Mack Inter-Axle Power Divider design has zero parasitic losses under standard operating conditions. And driven through the Mack Dual-Reduction architecture that uses a combination of spiral bevel and helical gears that are smoother, quieter and stronger — Mack Axles are more efficient than hypoid gearing used in an industry standard axle. In short, Mack Drive Axles are the clear choice for improved highway performance, greater durability, increased fuel efficiency and a smooth, quiet ride.



BUILT LIKE A MACK TRUCK®

# MACK DRIVE AXLES

## BETTER FUEL EFFICIENCY

Mack® Drive Axles are optimized for highway applications and increased fuel efficiency of 1.5 percent over competitive industry standard axles.\* This makes the Mack *mDRIVE*™ Transmission and Mack T300 Maxitorque Transmissions ideal for Pinnacle tractors. For even better fuel economy the Mack *mDRIVE* Direct Drive should be used.

## STRAIGHTER DRIVELINE

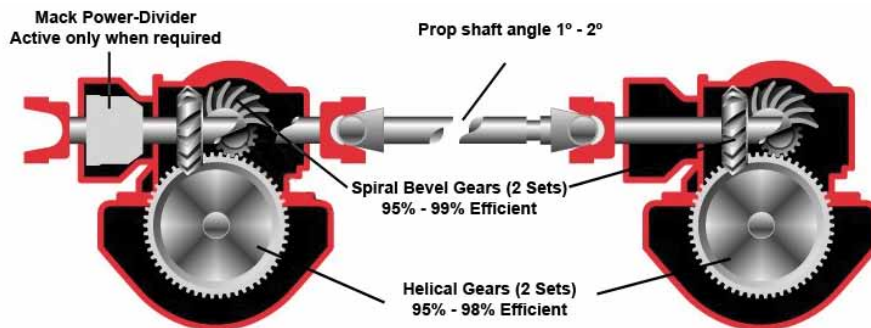
With a prop shaft angle of 2 degrees or less, Mack engineering has reduced driveline angularity to an absolute minimum, which greatly reduces noise, vibrations and harmonics. This near straight through Mack Driveline provides a quieter, smoother ride with longer bearing and input seal life.

## SMARTER ENGINEERING

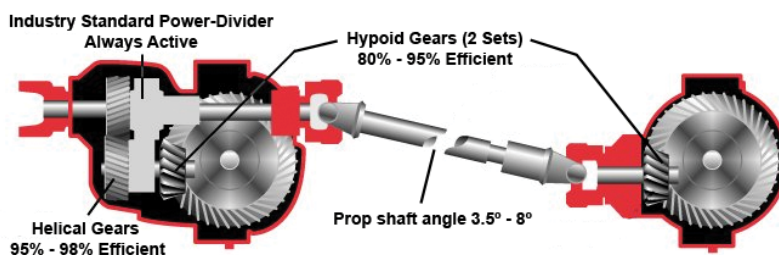
The Mack standard dual-reduction, top-mounted feature of the Mack C120 and C150 Series Axle Carriers provide Bulldog-tough, double-reduction through two sets of gears, not just a single reduction, which significantly reduces stress and gear face pressures through the carrier. The spiral bevel gears provide rolling friction rather than the sliding friction normally associated with hypoid gears. The efficiencies involved with rolling an object rather than sliding it results in a significant reduction in frictional power loss. The Mack carriers incorporate a full-time power divider, which automatically biases torque to the axle that has the greater amount of traction. An optional power divider lock-out or full-locking carriers are available for off-road and on-road ice and snow conditions.

## BALANCED DESIGN

Mack has always practiced balanced design principles, and the Mack Drive Axles are an important component of the Mack integrated Pedigree™ Powertrain — engines, transmissions, axles and electronics that perform optimally because they're specifically designed to seamlessly work together.



**MACK DRIVELINE**



**COMPETITOR DRIVELINE**

## LOW COST OF OWNERSHIP

Mack trucks deliver among the lowest total cost of ownership on an annual basis when stacked up against our competitors. Our trucks are built to run, and run and run some more, which will serve you well as our trucks promise to greatly reduce downtime for repairs and service. The fuel efficiency of the MP™ Engine Series with the ClearTech™ SCR System helps you save on fuel costs. And should you ever sell your truck, you're likely to get a great return on your investment since our trucks have the highest resale value in the industry.

## BUILT IN THE U.S.A.

Mack trucks have been trusted for generations and from the very beginning, our trucks have been proudly Built In The U.S.A. Today all Mack trucks are manufactured under one roof at our Macungie Assembly Operations in Allentown, Pa. while all Mack engines and transmissions are assembled at our Hagerstown Powertrain Operations in Hagerstown, Md.

**FOR MORE INFORMATION, CALL 1-800-922-MACK (6552)  
OR VISIT MACKTRUCKS.COM TO FIND A DEALER NEAR YOU.**



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\*Southwest Research Institute study comparing the Mack C126 vs. Meritor NG14X

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