



## A SUPERIOR DRIVE STARTS WITH SUPERIOR DRIVE AXLES

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 which improves fuel economy. The Mack Dual-Reduction architecture uses a combination of spiral bevel and helical gears that are smoother, quieter and stronger — delivering reliable and more efficient performance 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.\* To further boost fuel economy, spec your Pinnacle™ tractors with either a Mack mDRIVE™ Transmission with Direct Drive or a Mack T300 Maxitorque® Transmission.

## STRAIGHTER DRIVELINE

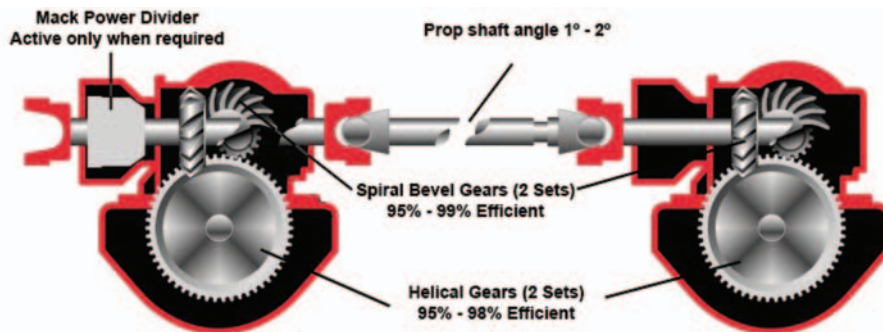
With a prop shaft angle of 2 degrees or less, Mack engineering has reduced driveline angularity to an absolute minimum, which greatly reduces noise, vibrations and harmonics. This nearly straight-through Mack Driveline provides a quieter, smoother ride with longer bearing and input seal life that also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

## SMARTER ENGINEERING

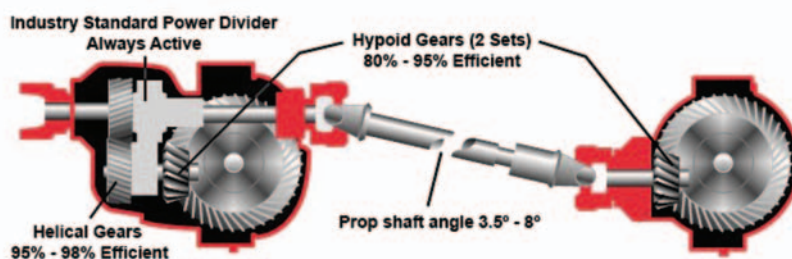
The Mack C120 and C150 Series Axle Carriers are top-mounted and feature dual reduction, using two sets of gears (not just a single reduction) to significantly reduce stress and gear face pressures through the carrier. The spiral bevel gears provide rolling friction rather than the sliding friction normally associated with hypoid gears. The efficiencies involved with rolling an object rather than sliding it significantly reduces 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



INDUSTRY STANDARD 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 then 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 (6225)  
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.