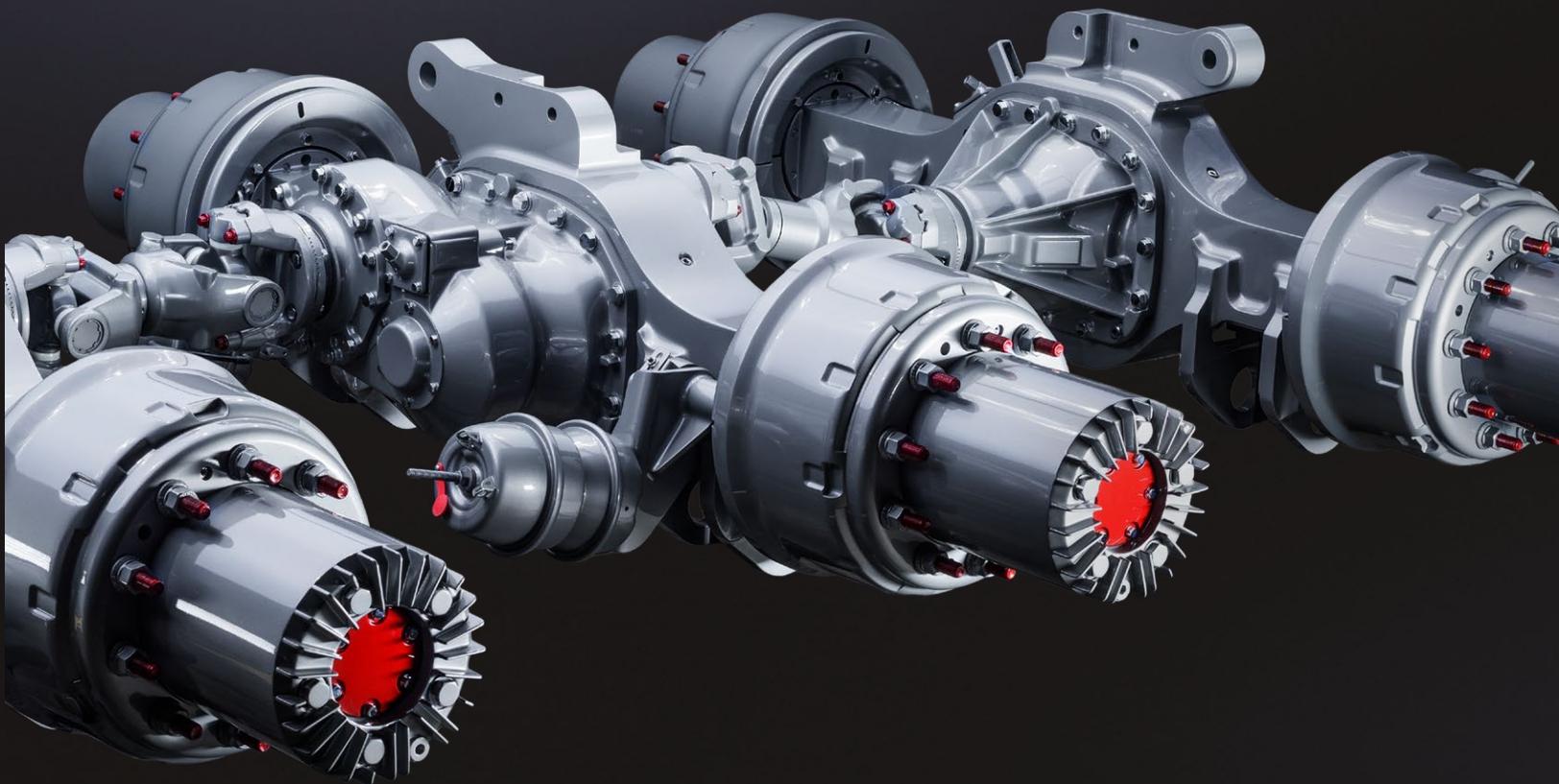


# MERITOR® P600 SERIES PLANETARY AXLES



# P600 SERIES PLANETARY AXLE

## ENGINEERED FOR EXTREME APPLICATIONS.

Meritor® planetary drive axles are engineered and manufactured to deliver higher capacity and improved performance across a multitude of heavy-duty off-highway applications. Meritor planetary axles are known for exceptional quality, strength and toughness, and each axle is backed by an intensive validation process at our global design and testing centers.

## 610 SERIES AXLES

	TANDEM	TRIDEM
Ratio Range	3.46-24.81 **	4.55-8.66
Max GAWR ***	84,000 lbs.	126,000 lbs.
Max GCWR ***	Up to 420,000 lbs.	Up to 560,000 lbs.
Tracks (hub FL to FL, inches)	70.9, 74.0 & 80.3	
Suspensions	Chalmers,® Hendrickson,® Link® (RayDan®) and Neway®	
Brakes	S-cam 16 ½" x 8 ⅝" Cast+	
Wheel-end gearing	4 planets standard; 5 planets optional	
Wheel mounting	335mm B.C.	
Driver Controlled Differential Lock (DCDL)	Optional Inter-Axle Differential Lock - Optional Main Differential Lock	
Applications	Oil field, logging, mining, heavy haul	

\*Comprehensive specifications are available on request.

\*\*Includes multiple carrier options.

\*\*\*Maximum ratings are subject to a Meritor Application Engineering review.

## UNMATCHED CUSTOMER SUPPORT.

Every Meritor axle is backed by unsurpassed service and support from Meritor DriveForce™ – plus the OnTrac™ technical support center. For more information, email: [offhighway@meritor.com](mailto:offhighway@meritor.com), call 866-OnTrac1 (866-668-7221), or visit [meritor.com](http://meritor.com) today.



# FEATURES AND BENEFITS

## P600 SERIES

- Maximum gross axle weight rating (GAWR) up to 84,000 pounds for tandem axle and 126,000 pounds for tridem
- Tested and validated in the most demanding applications ensuring consistently reliable operation
- Tridem equipped with proportioning interaxle differential providing an equal amount of torque to each axle
- Driver-controlled differential locks maximize traction
- Anti-lock braking system (ABS) capability delivers optimum safety and performance
- Fabricated steel housing with brackets accept all heavy duty suspensions available in the market
- A broad overall axle ratio delivers ratio selections from 3.46 to 24.81 for unique and demanding applications
- Extensively tested to ensure durability
- Central Tire Inflation System (CTIS) compatible hardware
- Wheel end is available with 4 or 5 planetary gears

## P600 TRIDEM SPECIFIC

- Equipped with proportioning interaxle differential designed to meet a growing global demand for the tridem family of axles and providing an equal amount of torque to each axle
  - Larger input and output shafts
  - Driven helical sun gear design
  - 33/33/33 torque proportioning solution to meet multiple applications and vocations



Wheel end shown with standard 4 planetary gears



Optional 5 planetary gear wheel end with cooling fins shown



Driver-Controlled Differential Lock available in all carriers



Proportioning inter-axle differential with evenly split torque distribution

