



MACK

MACK® TWIN Y™

DRIVE THE SMOOTHEST ROUTE ON ANY ROAD.



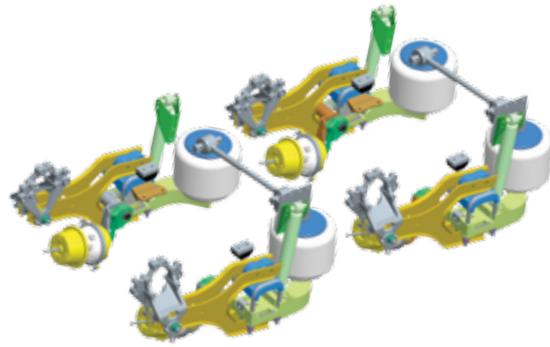
The Mack Twin Y air suspension is a low-maintenance suspension for high-demand jobs. Its innovative Y-shaped design delivers unmatched comfort, handling and fuel efficiency for a smoother and more stable drive.

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BORN READY.

MACK® TWIN Y™

With a revolutionary design that includes stamped high-strength steel Y-shaped blades, the Twin Y has a weight savings of more than 400 pounds versus other suspensions, and an engine torque capacity up to 2,050 lb.-ft. The Twin Y is available on the Mack Pinnacle™ Axle Back and Axle Forward models and features Mack S38 and S40 series axles with C125/126, C150/151 and 200 Series axle carriers.



BEST-IN-CLASS RIDE AND HANDLING

Handling and tracking are significantly improved compared to other suspension designs. The vertical load rides 100 percent on the air springs, while the design also reduces axle torque windup. Braking is improved with the Twin Y, as the tires maintain contact with the pavement during braking; reduced wheel hop improves traction. Twin Y can extend tire life by up to 25 percent.

LOW MAINTENANCE

With lubrication- and maintenance-free rubber bushings, the Twin Y air suspension requires little maintenance. Axle seats never need re-torquing. The Twin Y has an easier axle alignment due to the lack of spring steel preload. A reduction in torque reactivity lessens driveline vibration and extends component life. Plus, there are no wear pads to replace.



Smooth, stable drives on rough roads

AXLE CONFIGURATION	GAWR	CAPACITY (GCW)
4x2	20,000 lbs.	48,000kg/105,000 lbs.
6x4	38,000 lbs.	73,000kg/160,000 lbs.
6x4	40,000 lbs.	73,000kg/160,000 lbs.

TECHNICAL OVERVIEW

SPECIFICATIONS	SINGLE AXLE	TANDEM AXLE
Capacity (lbs.)	20,000	40,000
Axles	Mack RA23R	Mack S38R, S40
Maximum GCWR (lbs.)	105,000 (with CRD203)	160,000
Site Travel Rating (lbs.)	25,000	50,000
Maximum Engine Torque	2,050 lb.-ft.	2,050 lb.-ft.
Weight = Complete Suspension (lbs.)	322	644

