

MACK® TWIN Y™



THE MACK® TWIN Y™ DELIVERS THE SMOOTHEST DISTANCE BETWEEN TWO POINTS

The MACK® Twin Y™ Air Suspension gives drivers a smooth, comfortable drive with best-in-class ride and handling. 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 ft./lbs. 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.

TWIN Y™

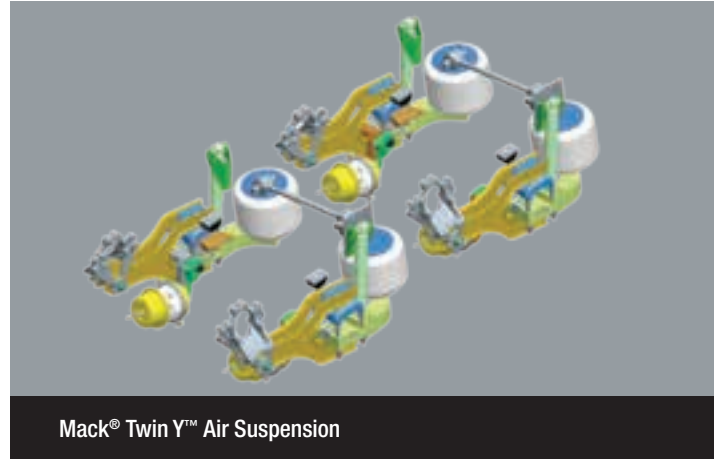


BEST-IN-CLASS RIDE AND HANDLING.

Handling and tracking are significantly improved compared to other suspension designs. The vertical load rides 100% 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%.

LOW MAINTENANCE.

With lubrication- and maintenance-free rubber bushings, the Twin Y air suspension requires little maintenance. Axle seats never need re-torqueing. 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.



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

