

**MERITOR® SOLODRIVE SERIES
FEATURING THE FUELITE™
TANDEM AXLE**



MERITOR





THE LIGHTWEIGHT, FUEL-EFFICIENT SOLUTION FOR LINEHAUL APPLICATIONS



The Meritor SoloDrive Axle Series applies more than a century of experience in delivering innovative axle solutions to the 6x2 configuration marketplace. This series is designed to include a portfolio of 6x2 axles, each consisting of one driving axle in a tandem configuration. The first member of the SoloDrive axle family is the FUELite Tandem Axle – the lightweight solution for the efficiency-conscious looking to add value in the form of extra payload or greater fuel efficiency.

FEATURES AND BENEFITS

Lightweight.

- When compared with a standard 6x4 tandem, the FUELite Tandem Axle delivers nearly 400 pounds in weight savings.

“The trucks have run well with the 6x2 to save us maintenance costs and fuel economy.”

– Tony Morthland, Director of Maintenance, Nussbaum Transportation

Fuel-Efficient.

- By replacing one of the drive axles in a traditional tandem with the FUELite tag axle, fleets can achieve significant weight savings and approximately 2 percent greater fuel efficiency.*

Track Width Options.

- Meritor DualTrac™ allows running either wide-base single tires or duals, for enhanced efficiency and improved residual value.

“We run our 6x2 everywhere – North to South, in ice and snow.”

– Royal Jones, President and CEO, Mesilla Valley Transportation

Simplified Maintenance.

- All SoloDrive axle packages utilize the same rear rectangular tag axle, for fleet parts commonality.

Ratio Availability.

- A 2.50-to-4.10 ratio range is available to match your application.

Integrated Design.

- The FUELite Tandem Axle is engineered to deliver optimum performance with genuine Meritor components. It offers common wheel ends among all axles with R-series spindles and DualTrac housing.

Payload Capacity.

- The FUELite Tandem Axle with a 12.7-mm wall housing is designed to accommodate all 40,000-pound-capacity linehaul air suspensions.

Meritor Axle Warranty Coverage.

The Meritor axle warranty for linehaul applications is 5 Years/750,000 Miles, with parts and labor included. Every claim is fully supported by our industry-leading online warranty claims system. For complete details, download the Commercial Vehicle Systems Warranty brochure (SP-95155) from meritor.com.

Advantage Plans.

Meritor Advantage Plans offer a simple and economical way to get the long-term axle coverage you need. The Advantage Plans offer coverage up to 7 years in linehaul applications, with the added benefit of being transferable when the original owner sells the truck. For more information, visit meritor.com.

Unmatched Customer Support.

Every Meritor axle is backed by unsurpassed service and support, with more than 6,000 dealers and parts distributors in North America. Meritor DriveForce – Meritor’s North American sales and service organization – and the OnTrac technical support center are collectively staffed by more than 150 dedicated professionals to assist customers with solutions before, during and after the sale. With Meritor, you get added value through the entire life cycle of your product. For more information, call 866-668-7221 or visit meritor.com today.

Ratings Pounds (kg)	Axle Model	Gcw Highway Pounds (kg)	Standard Ratios	Ring Gear Size (Pitch Diameter) Inches (mm)	Axle Shaft Spline Size Inches (mm)	Body Diameter Inches (mm)	Housing Box Size Inches (mm)	Wall Thickness At Spring Seat Inches (mm)	Wheel-End Series
40,000 (18,144)	MA-40-165	90,000 (40,823)	2.50, 2.67, 2.80, 2.93, 3.07, 3.21, 3.42, 3.58, 3.73, 3.91, 4.10	18.00 (457.2)	2.35 (59.7) 46 Teeth	2.25 (57.2)	5.25 x 4.62 (133.4 x 117.3)	0.50 (12.7) DualTrac Drive and Tag Axles	R
43,000 (19,504)	MA-43-168							0.63 (16.0) Wide-Track Drive Axle 0.50 (12.7) Tag Axle	

STANDARD FEATURES AND AVAILABLE OPTIONS

Meritor SteelLite X30™ brake drums reduce weight and increase fuel economy without sacrificing strength or durability**

Tag axle features parts commonality and is designed to function optimally with genuine Meritor components

Meritor EX225 air disc brakes provide superior brake fade resistance while maximizing in-line stability protection**

Meritor Q Plus® cam brakes are compliant with FMVSS-121 Reduced Stopping Distance regulations, closing the stopping-distance gap on air disc brakes to approximately 10 feet**

Upper torque/rod bracket is designed to accommodate all 40,000-pound linehaul suspensions

Ratio availability ranging from 2.50 to 4.10, to match your application

Meritor DualTrac allows running either wide-base single tires or duals, for enhanced efficiency and improved residual value

**Available option

*The fuel savings described throughout this brochure are estimates only. Actual fuel savings may vary and will depend on a variety of factors beyond Meritor, Inc.'s control, including load, vehicle type, driver performance, distances traveled, vehicle speed, road conditions, etc.

For more information, call OnTrac at 866-668-7221.

Vehicle models, brands and names depicted herein are the property of their respective owners and are not in any way associated with Meritor, Inc., or its affiliates.



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