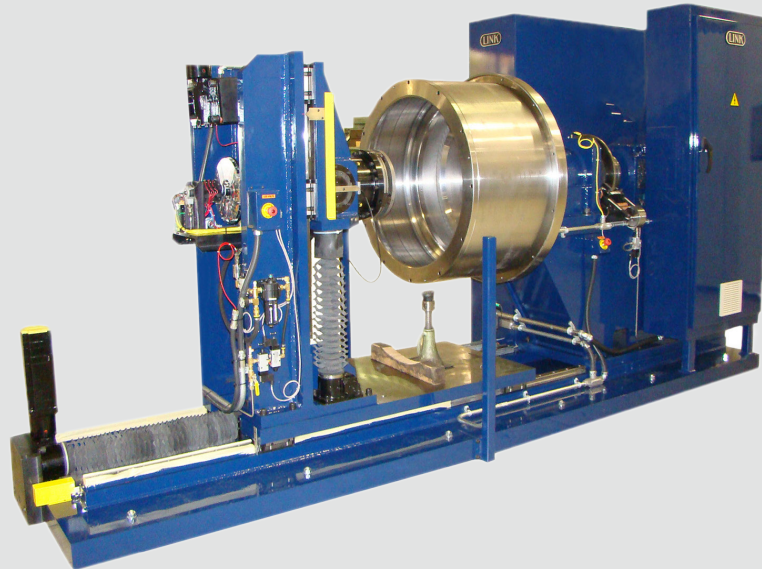




# Model 3536

## Biaxial Wheel Fatigue Test Stand





# Model 3536

## Product Overview

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The Link Model 3536 Biaxial Wheel Fatigue Test Machine is designed to run both durability and Gristmill fatigue tests with close correlation with existing certification protocols including SAE J2562. The system incorporates state-of-the-art technology to achieve optimum testing correlation with actual operating conditions for standard automotive wheel sizes. This machine is capable of running with drum operating speeds up to 1,000 rpm and wheel speeds from 1,100 to 1,500 rpm depending upon the tire size.

## Key Features

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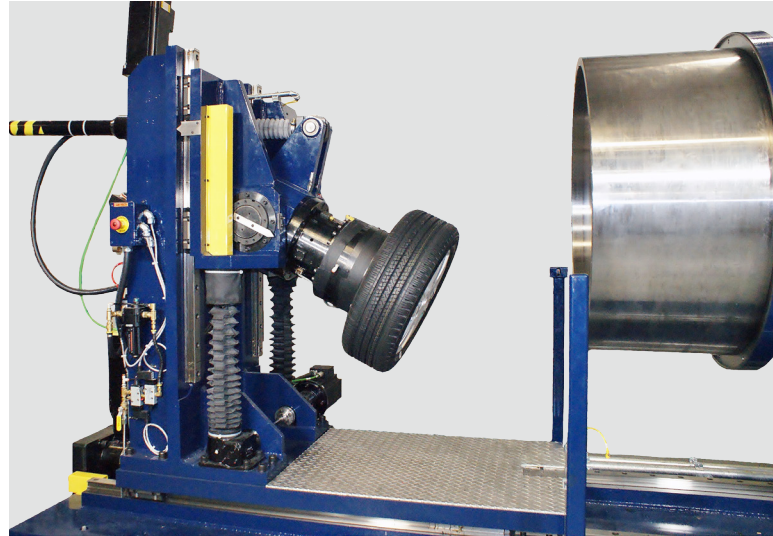
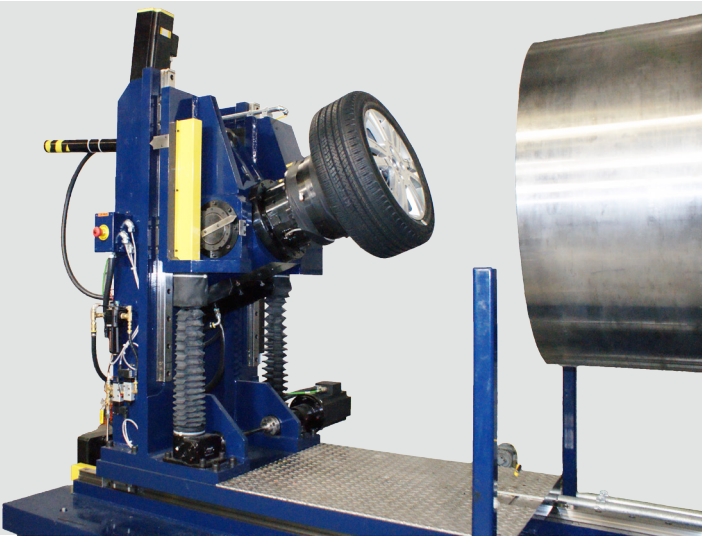
- 6-axis wheel force transducer
- LASER sensor for tire alignment and measurement of tire width & diameter
- Tire pressure monitoring during operation
- Network capability allows remote test monitoring and report generation

## Options

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- Wheel Drum Diameter





## Key Benefits

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- Higher drum speeds / reduced test time
- Chassis mounted controls / reduced installation costs
- Servo-electric operation / reduces noise and minimizes maintenance
- LINK's Moment Control™ / More accurate, repeatable system control

Specifications

Drum Diameter	970 mm (1050 mm optional)
Drum Width	340 mm (between curb rings)
Maximum Activator Load Forces Radial Lateral	±40 kN ±25 kN
Actuator Strokes and Angle Radial Lateral Camber Angle	250 mm 250 mm +20° to -20° ±0.05°
Driver Motor	55 kW
Speed	183 kph (970 mm drum) 198 kph (1050 mm drum)

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