

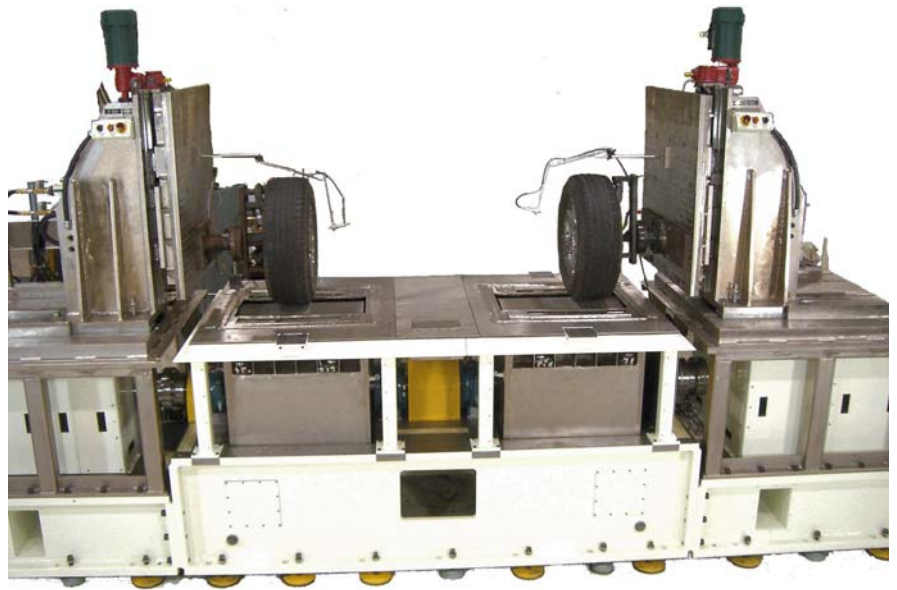


2-Roll NVH Chassis Dynamometer Model 4950

The Model 4950 Two-Roll Chassis Dynamometer provides an excellent platform for single axle vehicle and vehicle corner NVH testing. The corner fixtures provide the capability to test one or two full-suspension corners with full instrumentation for performance monitoring, along with NVH data.

Typical applications include brake, tire, powertrain, and suspension tests. A wide range of rolls sizes and surfaces can be specified to meet particular test requirements. All test operations are controlled by the ProLink software package that runs under Microsoft Windows®, and integrates dynamometer control, data acquisition, data analysis, and reporting in one easy to use package. ProLink provides inertia simulation capabilities so that no inertia discs are required.

For NVH measurements the Brüel and Kjær LAN-XI system provides excellent data



Model 4950 Two-roll Chassis Dynamometer with Optional Tailstock

acquisition and analysis capabilities that are controlled by the ProLink software. The end result is a powerful combination of test, data acquisition, and analysis capabilities that can be incorporated in a test program without the need for an NVH expert. ProLink also provides the ability to easily access all performance and NVH data from other Microsoft Windows compliant packages such as Excel and Matlab.

Options

- Corner section tailstock
- Vehicle NVH measurement enclosure
- Environmental conditioning system
- Static torque drive

For more information on the Model 4950 2-Roll NVH Chassis Dynamometer, as well as single and four-roll models and how they can be configured to meet your testing requirements, please contact LINK at 734-453-0800 or sales@linkeng.com.

Disclaimer:

Information presented in this brochure is for informational purposes only. Link Engineering Company reserves the right to make changes, alterations and substitutions to the machines, components or other information presented in this brochure without prior notice. For the latest information contact Link Engineering Company.

Equipment pictured in this brochure may be shown with safety equipment removed or disabled for purposes of illustration. Equipment must never be operated with safety equipment removed or disabled. 281008

Single Source for Testing Equipment and Services Across America and Around the World

Link Engineering Company

734-453-0800

www.linkeng.com

Asia • Europe • North America • South America



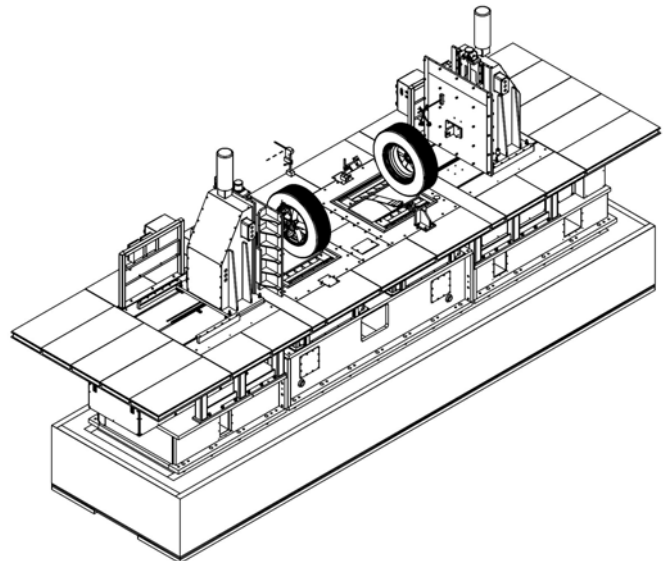
2-Roll NVH Chassis Dynamometer

Model 4950

Typical Specifications	
Test Parts	Entire vehicle
Installation	Isolated sub frame foundation
Inertia	Simulated inertia
Noise Acquisition	6 channel B&K PULSE
Max. Axle Load	3000 Kg (6600 lbs)
Min. Axle Load	500 Kg (1100 lbs)
Roadwheel Diameter	1016 mm (40")
Width of Roadwheel	711 mm (28")
Max. Road Speed	180 kph (113 mph)
Drive Motor Size	200 kW (268 HP)

Although typically configured with six channels, the Brüel and Kjær LAN-XI system can provide over 200 channels of data acquisition if required. In addition, available software packages include order tracking, sound quality, modal analysis, and many more. Link and Brüel and Kjær work closely together to provide customized configurations for each customer's needs.

The Model 4950 provides the basis for a wide range of test capabilities. Link has built units for passenger vehicle to commercial truck applications. A similar model has even been used for aircraft tire, wheel, and brake testing. With this range of applications, a unit can easily be customized to the customer's specific applications or test requirements.



Disclaimer:

Information presented in this brochure is for informational purposes only. Link Engineering Company reserves the right to make changes, alterations and substitutions to the machines, components or other information presented in this brochure without prior notice. For the latest information contact Link Engineering Company.

Equipment pictured in this brochure may be shown with safety equipment removed or disabled for purposes of illustration. Equipment must never be operated with safety equipment removed or disabled. 281008

Single Source for Testing Equipment and Services Across America and Around the World

Link Engineering Company

734-453-0800

www.linkeng.com

Asia • Europe • North America • South America