

BOGIE TEST STAND



BUILT TO LAST



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BOGIE TEST STAND

Bogie Test Stand is designed for testing railway drive wagon bogies, trailer wagon bogies, locomotive bogies, tram drive bogies, others railway vehicle bogies. The customized software allow all functions to be controlled from the PC with touch screen. Operator of the Bogie Test Stand can program himself new test procedures, add or change bogie parameters or create test reports.

FEATURES

- Testing of the bogie in manual or automatic mode,
- Load applied, synchronous or independent,
- Measurement of each wheel load on rails, variance of the wheel load,
- Measurement of the bogie height from the top of the rail,
- Calculation of shim plates for primary suspension and secondary suspension,
- Secondary air suspension leakage test - option,
- Wheel diameter, back to back wheel measurement measured – option,
- Measurement reports as PDF or measurement files.

COMPONENTS

- Closed steel construction with rails (version of the test stand can be installed in a pit or leveled with the workshop floor),
- Wheel load measuring system in rails,
- Hydraulic unit,
- Electrical cabinet with control panel, PLC controller, laptop or built in computer with a database and printer,
- Customized analysis software ASCO RAIL.

CHARACTERISTICS	DATA
Test load application	2 x 250 kN, synchronously or independent
Measurement error of applied axial load	± 0,1 kN
Measurement accuracy of vertical movement	± 0,1 mm
Accuracy of load monitoring (wheel on rail)	± 2%



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