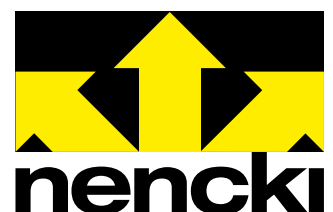




NBT Light the most economical bogie test bench

Based on the technology and know-how of its big brothers, the NBT Light bogie test rig is Nencki's latest solution for workshops where only basic tests are prosecuted and who have to take care about the budget.



Test load application and accuracy

- Up to 2 x 150 kN
- Accuracy +/- 100 N

Wheel load measuring

- With Digital Orbital Wire load cell, which are not influenced by side forces
- Distribution of loads to every single wheel in kN
- Comparison of loads between wheels and axles

Bogie characteristics

- For 2-axle bogies (EMU, DMU, low floor, freight)
- Gauge fix, to be specified

Optional features

- Calculation of shim plates for primary and secondary suspension
- Height of top of secondary suspension above T.O.R
- Other heights above T.O.R.
- Height measuring underneath the bogie (pit necessary)
- Air suspension leakage test
- Wheel diameter (manual)

Installed power and space requirement

- Electric supply: 3 x 400 V,N + PE, ± 5%, 50/60 Hz (others on request)
- Consumption approx. 16 kW
- Weight incl. electric cabinet and hydraulics: 10'000 kg approx.
- LxWxH, incl. hydraulic and electric cabinet: 5.5 x 6 x 5 m

