

BDTB

Bogie Dynamic Test Bench

Bogie Dynamic Test Bench for testing complete bogies (motor and trailer) for full traceability of maintenance/ manufacturing process.

Flexible use and easy management in the customer premise asset.



MAIN FEATURES OF IRMIE IMPIANTI BDTB ARE:

- Developed for manufacturers and maintenance operators in the railway sector;
- Available for different bogie type:
 - High Speed trains;
 - Regional Trains;
 - Locomotives.
- Motor bogie test – Maximum wheel speed 300 km/h;
- Trailer bogie test – Maximum wheel speed 120 km/h;
- Bogie signal acquisition integrated in the bench SCADA;
- Test of the tightness of Brake system on board the bogie;
- Vibration measurements of the bench structure integrated in the SCADA(OPTIONAL);
- Temperature measurements of main parts of the bogie integrated in the SCADA (OPTIONAL);
- Tyres internal Pressure/Temperature measurement – for Trailer Bogie Test stand;
- Operation automatic mode for tests complying with customer testing procedure;
- Manual mode operation for type tests and troubleshooting;
- GSM connection for remote assistance;
- Login with smart card and/or username and password;
- Test report with automatic evaluation of results;
- Possibility of quick implementations, changes and/or re-parameterizing of the tests in agreement with the customer;
- Full traceability of all machine parts;
- Sound proof cabin.



AVAILABLE SERVICES

- Maintenance/calibration at the customer's premise;
- Full list of spare parts for minimizing plant downtime.



ADDITIONAL OPTIONS

- Barcode reader for data input of the rolling stock to be tested;
- Openable roof of Soundproof cabin.