

Test system for research and development of rail geotechnical infrastructures

- Simulated section of track and geotechnical box 25 m long (test requirement)
- Up to 8 dynamic hydraulic actuators with a load of 250 kN, with internal position sensor and load cell
- 4 mobile gantries adjustable in longitudinal position to adapt to the dimensions of the simulated train
- Static, dynamic, durability tests, etc
- Testing of up to 300 kN per vehicle axle and 50 Hz maximum frequency
- Simulation of trains passing at speeds of up to 400 km/h
- 100% configurable (dimensions, loads, signals, instrumentation, etc.)

