



DRIVETRAIN TESTING

MODULAR MULTI-LOAD DRIVETRAIN TEST CELL

Location: Flanders Make - Leuven

DESCRIPTION

We have infrastructure for the testing of (components of) electric drivetrains and the optimisation of their control strategies.

TECHNICAL SPECIFICATIONS

- Drive motor: 245kW, up to 6000rpm
- Load motors: 2 x 178kW and 2 x 140kW, up to 3800rpm
- Torque and speed sensors: 2kNm
- Cooling system up to 125kW
- Programming and emulation in Simulink through Speedgoat rapid prototyping
- UN/ECE R85 tests

OUR OFFER

Using this test infrastructure, we offer:

- Hardware-in-the-Loop testing for the validation of (components of) drivetrains or algorithms
- 5 electromotors to simulate the behaviour of load, combustion engine or wheels
- Simulation of realistic environment and road behaviour
- Fully modular design, for drivetrains up to 5 axles