

CHASSIS DYNAMOMETER



Location: Flanders Make - Lommel

DESCRIPTION

Our chasis dynamometer, or 'rolling road', is used for vehicle testing and development. It simulates different road and driving conditions in a controlled environment. Our chasis dynamometer is part of our electric vehicles lab.

TECHNICAL SPECIFICATIONS

- Independent front and rear axle
- Max. 700kW braking per roll
- Max. 32kW traction per roll
- Max. traction: 9000Nm per roll
- Max. speed: 320km/h
- Wheel base: 2000mm to 3400mm
- Track width: 900mm tot 2300mm
- Max. axle weight: 2500kg
- With fume extraction and ram air simulation (frontal cooling till 120kph) functionality

VEHICLE TESTING

OUR OFFER

We offer our chassis dynamometer for **durability and characterisation testing**.

The car power supply can be powered via different external sources :

1. a vehicle battery. This battery can be placed in a climate chamber to determine operational temperature ranges or to perform accelerated life tests.
2. a direct current source that can simulate difference battery life cycles

Vehicles on the chassis dynamometer can record their test data in real time on a separate system.

INTERESTED?

Contact contact.MotionS@flandersmake.be for more information.