

# Testbed 2

## Brake Emissions and Components



### 2-Dyno Testbed

The testbed is used to measure brake emissions in accordance with the EURO 7 standard for trucks and buses. The necessary components and procedures have been developed to enable both testing services in this field and the provision of testbeds for our customers. In addition, this testbed is also suitable for testing transmissions and electric axes (e-axes). A battery simulator or a DC power supply with up to 800 kW is available for electrified components.

#### TECHNICAL FACTS

##### Dynos (2 x)

1,000 kW	3,000 rpm	6,000 Nm
700 kW	10,000 rpm	1,500 Nm

##### Transmission (2 x)

	3 gears / 30,000 Nm	
3,000 rpm	1:1	5 kNm
1,000 rpm	1:3	15 kNm
500 rpm	1:6	30 kNm

##### E-Storages

800 kW	1,600 A	1,200 V
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