

# Testbed 2

## Transmission and E-Axle



### 2-Dyno Testbed

This testbed is designed for functional testing of transmissions and e-axles. DC supply is available up to 800 kW for electrified components. The testbed will also be used for brake-emission testing in accordance with heavy-duty EURO 7 legislation for trucks and buses. The necessary components and procedures for these brake-emission measurements have been developed to provide both testbeds and measurement services to our customers.

### 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
1,200 kW	2,400 A	1,200 V (future option)

