

Testbed 2

Transmission and E-Axle



2-Dyno Testbed

This testbed is designed for functional testing of transmissions and e-axes. 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)

