

Testbed 3

Transmission and E-Axle



2-Dyno Testbed

This powerful 2-dyno testbed is designed for testing of heavy-duty transmissions and e-axes regarding performance, efficiency, and durability. DC supply is available up to 800 kW for electrified components. Additional reduction transmissions allows max. load/torque application.

TECHNICAL FACTS

Dynos (2 x) 750 kW
 4,000 rpm
 5,000 Nm

Transmission (2 x)

	3 gears / 30,000 Nm	
4,000 rpm	1:1	5 kNm
1,300 rpm	1:3	15 kNm
650 rpm	1:6	25 kNm

E-Storages

800 kW	1,600 A	1,200 V
400 kW	800 A	1,200 V

