

# Testbed 5

## Transmission and E-Axle



### 2-Dyno Testbed

This powerful 2-dyno testbed is designed for testing of transmissions and e-axes regarding performance, efficiency, and durability. DC supply is available up to 800 kW for electrified components. Additional reduction transmissions allows speed and torque application in a wide range (10,000 rpm / 25,000 Nm).

#### TECHNICAL FACTS

Dynos (2 x) 700 kW  
10,000 rpm  
1,500 Nm

Transmission (2 x)

	2 gears / 4,500 Nm
5,000 rpm	1:2 3 kNm
3,300 rpm	1:3 4,5 kNm
Optional (2 x) 1,100 rpm	1:9 13 kNm (2 additional reduction TM)
550 rpm	1:18 25 kNm

E-Storages

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

