

# Testbed 5

## Transmission and E-Axle



### 2-Dyno Testbed

This powerful 2-dyno testbed is designed for testing of transmissions and e-axles 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

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

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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)	1:9	13 kNm (2 additional reduction TM)
	1:18	25 kNm

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E-Storages	800 kW	1,600 A	1,200 V
	400 kW	800 A	1,200 V

