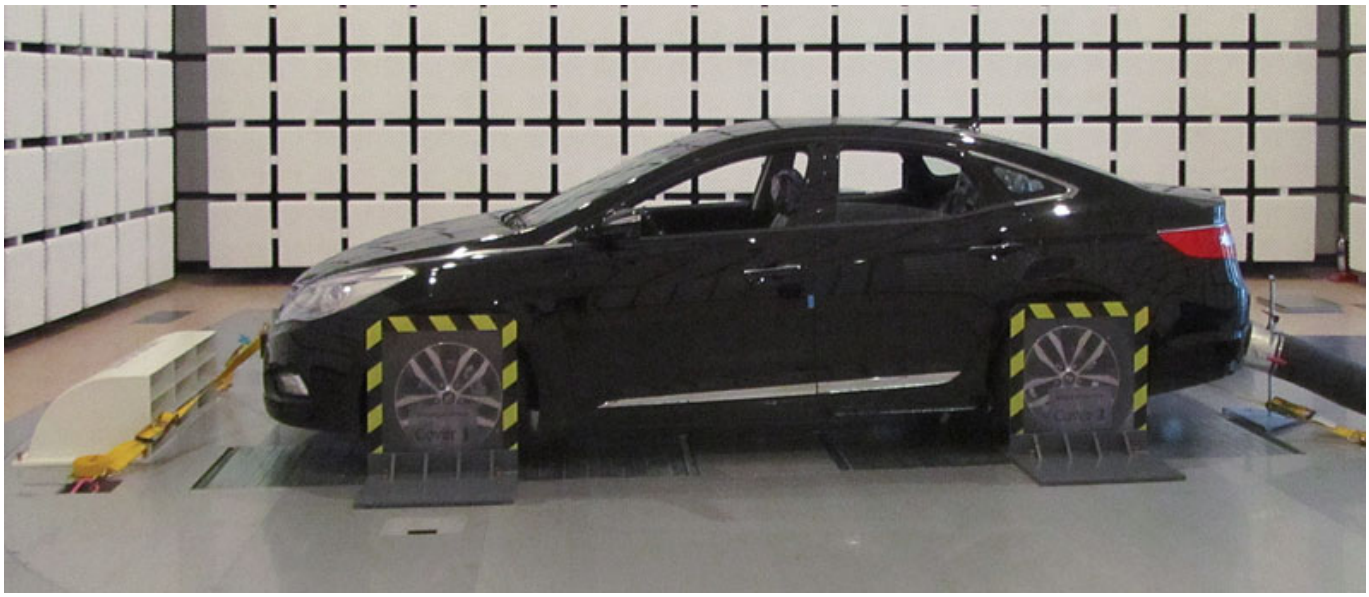


RPS40-65/120-9-DT

Permissible axle load	3000 kg
Inner Roller edges	900 mm
Outer Roller edges	2.100 mm
Typical axle distance	min. 1.800 mm
(depends on Turntable)	max. 3.600 mm
Roller diameter	320 mm
Test speed	65 km/h
Max. speed	120 km/h
Motor power	4x 17,5 kW
Acceleration	9 m/s^2 (up to test speed)
Deceleration	9 m/s^2 (up to test speed)
Control	fibre optic cable (GOF type)
Temperature range	-10 °C...+40 °C
Working range	0 °C...+35 °C
Drive unit	shielded and radio interference suppressed; 20dB under CISPR 22 Class B
Current consumption	max. 200 A
Voltage	400V (50-60Hz)

Brief description

The Dynamometer RPS40-65/120-9-DT is designed to be used in an anechoic chamber for EMI & EMC measurements. The integrated design into a Turntable allows easy handling for daily usage. Two active axles are used for cars with front / rear wheel dirve as well as 4WD. Each car wheel is driven by a separate Motor/Generator.

All electronic components are located below the Groundplane in shielded and radio interference suppressed cabinets. The typical Emission level is below the CISPR 22 class B regulation. The immunity against field strength up to 200V/m is guaranteed.

An Noise-free (Zero emission) execution is optionally available.