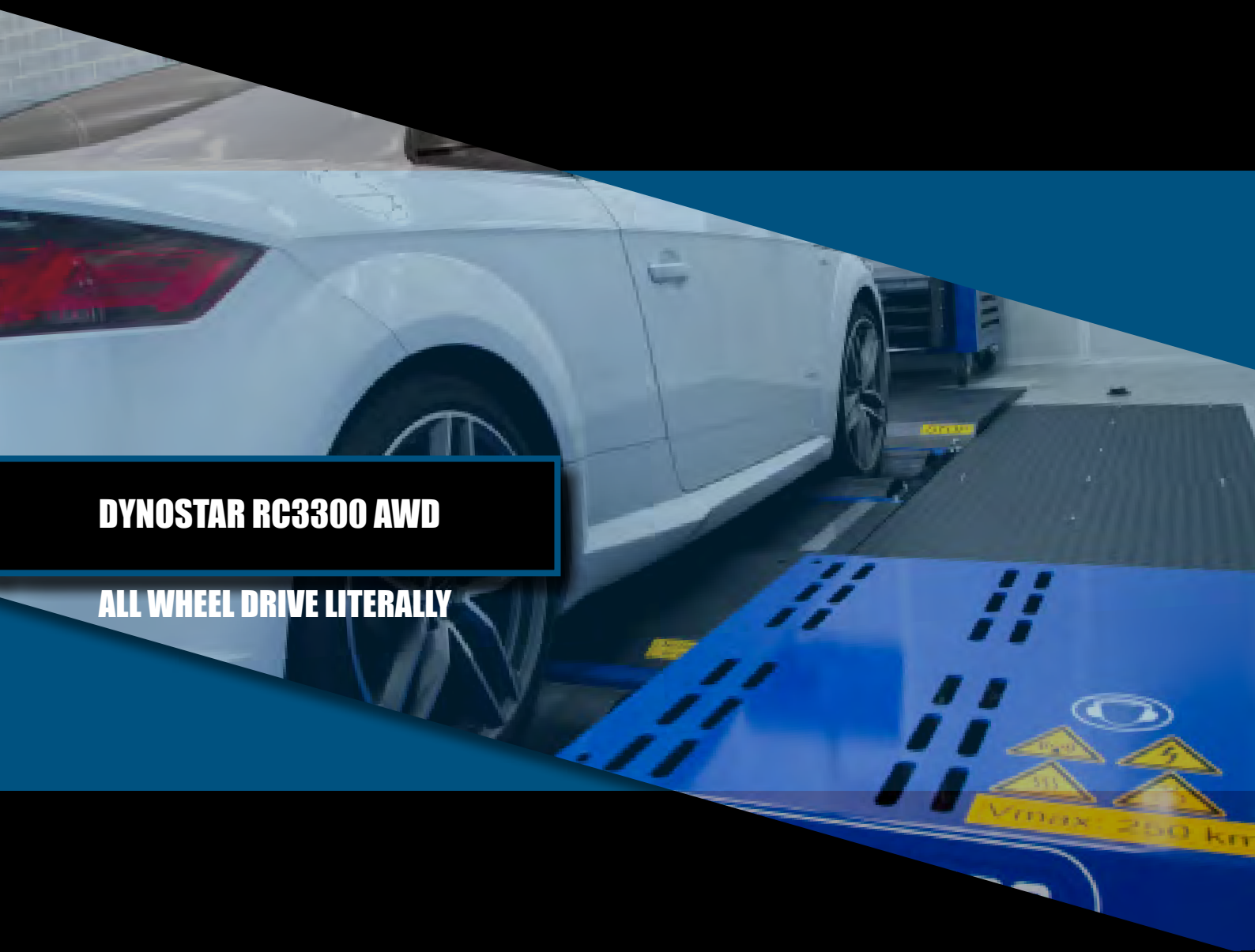




DYNOSTAR RC3300 AWD

ALL WHEEL DRIVE LITERALLY



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With an adjustable wheelbase from 2 meters up to 3,5 meters and a max track width of 2100 mm this reliable dynamometer is suitable for testing a wide range of cars, even four-wheel drive vehicles with ABS, ESP or ASR. In combination with our in-house developed ADS software it's an ideal platform for tuning, testing and diagnosis.

This dynamometer is capable to absorb power up to 620 kW for brief periods and over 260 kW continuously, all because of the air-cooled retarder (3300 Nm). With grooved rollers and optionally tungsten carbide we can offer optimum grip.

Based on the Dynostar philosophy of quality, durability and ease of use, the W4 is fully designed and developed in-house using a 3D CAD and advanced laser alignment equipment, with a motivated team of professionals a high quality product can be guaranteed.

An additional feature is a 55kW e-motor in combination with our drive sym / drive cycle software which allows a realistic on the road simulation.

With years of experience Dynostar can design and construct a bespoke test cell, equipped with all that's necessary to create a healthy atmosphere in- and outside. Based on extensive calculations the capacities of the ducts and fans for exhaust gas extraction, ventilation and cooling are determined.

Standard software features:

- Static power measurement
- Dynamic power measurement
- Speedometer test
- Weather station
- Power correction to DIN, EEC and SAE standard
- Automatic braking after completing a test
- Real time display of engine speed, power, traction and vehicle speed in software
- Simulation of roller and air resistances for simulating situations on the road
- Automatic calculation of losses in the drive line and calculation of power at crankshaft

Standard hardware features:

- DAS Data Acquisition System and PLC system
- Advanced Dyno Station Software package
- Junction Box
- Remote controller
- Instructions and manual
- CE marking
- Emergency brake
- Straps and floor anchors for immobilizing the car



Technical specifications:

- Weight:	5.000 [kg]	- Min. track:	0,69 [m]
- Dimensions (lxbxh):	4,9 x 3,7 x 0,65 [m]	- Max. track:	2,1 [m]
- Power requirements:	400 [V]	- Max. axle load:	3500 [kg]
- Max. consumed current:	25 [A]	- Min. wheel base:	2,0 [m]
- Air requirements:	6 [bar]	- Max. wheel base:	3,5 [m]
- Max. speed:	275 [km/h]	- Total inertia:	56 [kgm ²]
- Drum width:	0,7 [m]	- Equivalent vehicle mass:	1609 [kg]
- Drum Diameter:	0,4 [m]	- Max. dynamic power:	1000 [kW]
- Number of drums:	8	- Max. static power cold:	619 [kW]
		- Max. static power continuous:	259 [kW]

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On pole position