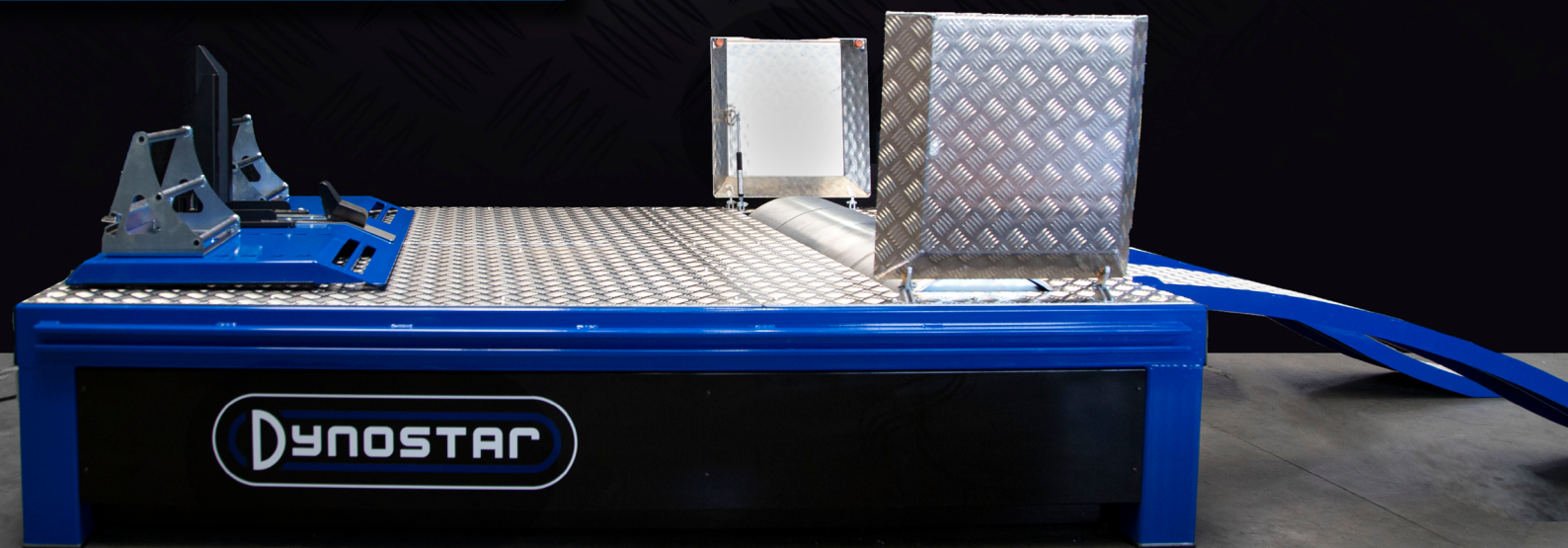




DYNOSTAR 4T



DYNOSTAR 4T



With this unique and multifunctional dynamometer, you are able to test three different types of vehicles: carts, ATV's and motorbikes. All Dynostar Model 4T dynamometers are fitted with electrically adjustable wheel clamps. The wheel clamps are designed to make sure even wide quad tires can be clamped without any problems.

The dynamometer is fitted with a high inertia roller which makes it suitable for dynamic testing up to 440 kW. With the powerful air-cooled retarder this dynamometer can absorb power up to 355 kW. To save space, the eddy current brake of this model is integrated in the roller. For long static testing the eddy current brake is forced cooled.

With a width of 1350 mm this dyno is suitable for widest quads available on the market.

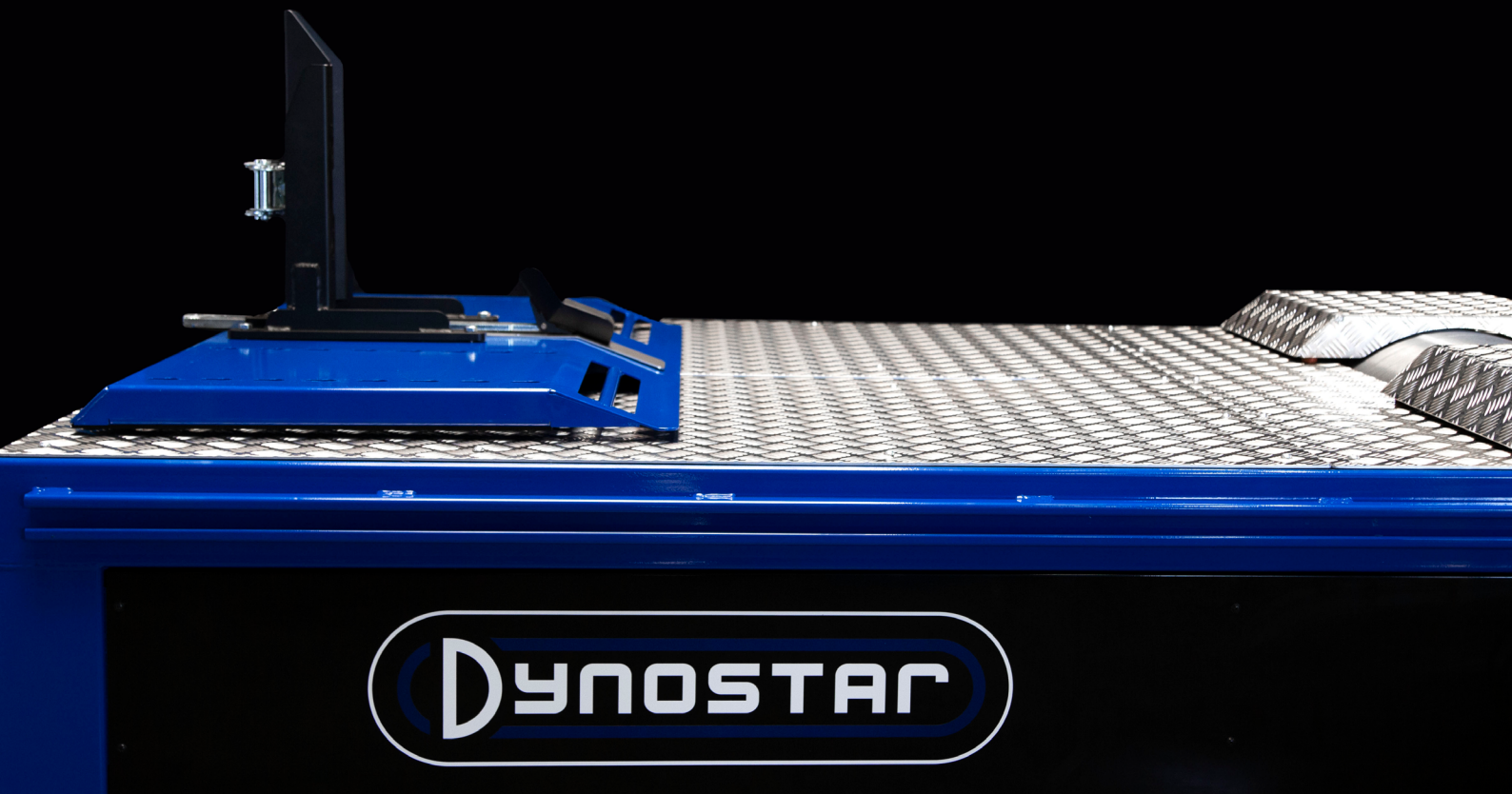
Based on the Dynostar philosophy of quality, durability and ease of use, the 4T is fully designed and developed in-house using a 3D CAD and advanced laser alignment equipment, with a motivated team of professionals a product of high-quality can be guaranteed.

Standard hardware features:

- DAS Data Acquisition System
- Advanced dyno station software
- Junction Box incl. 37-pin cable (length 5 m)
- RS232 Cable (length 5 m)
- Calibration weight
- Remote control
- Straps (4 pcs)
- Operating instructions
- CE marking
- Emergency brake
- EMC filter

Standard software features:

- Static power measurement
- Dynamic power measurement
- Acceleration test
- Speedometer test
- Weather station
- Power correction to DIN standard, SAE, EEC
- Real time display of engine speed, power and torque
- Automatic calculation of losses in the drive line and calculation of power at crankshaft



Technical specifications:

- | | | | |
|-----------------------|-----------------------|---------------------------------|---------------------------|
| - Weight: | 650 [kg] | - Total inertia: | 17.21 [kgm ²] |
| - Dimensions (lxwxh): | 2,4 x 1,63 x 0,92 [m] | - Equivalent vehicle mass: | 257 [kg] |
| - Power requirements: | 230 [V] | - Max. dynamic power: | 440 [kW] |
| - Air requirements: | 3,5 [bar] | - Max. static power cold: | 355 [kW] |
| - Max. speed: | 325 [kmh] | - Max. static power continuous: | 139 [kW] |
| - Wheel base: | 900-1600 [mm] | | |
| - Drum width: | 1,35 [m] | | |
| - Drum diameter: | 0,52 [m] | | |

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