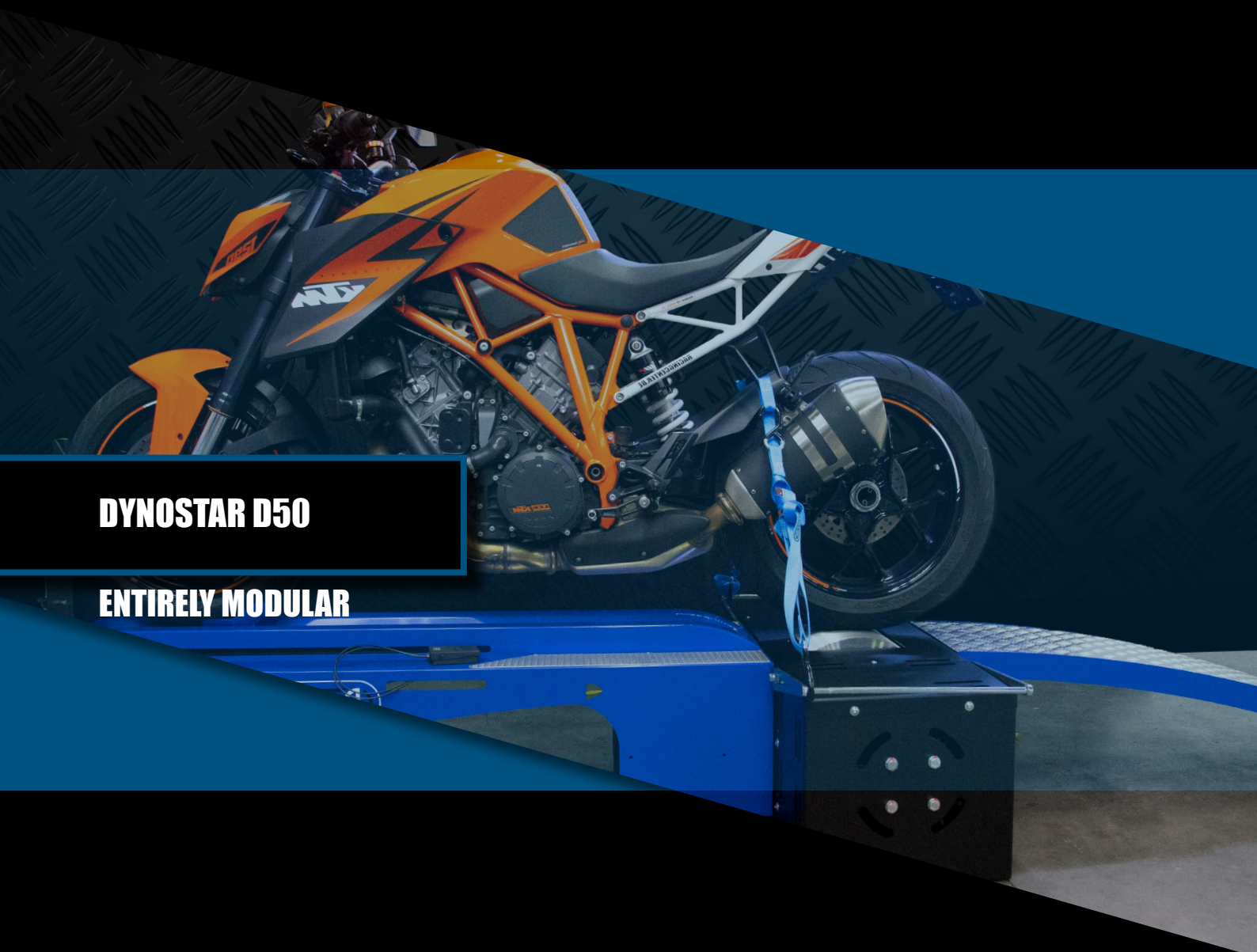
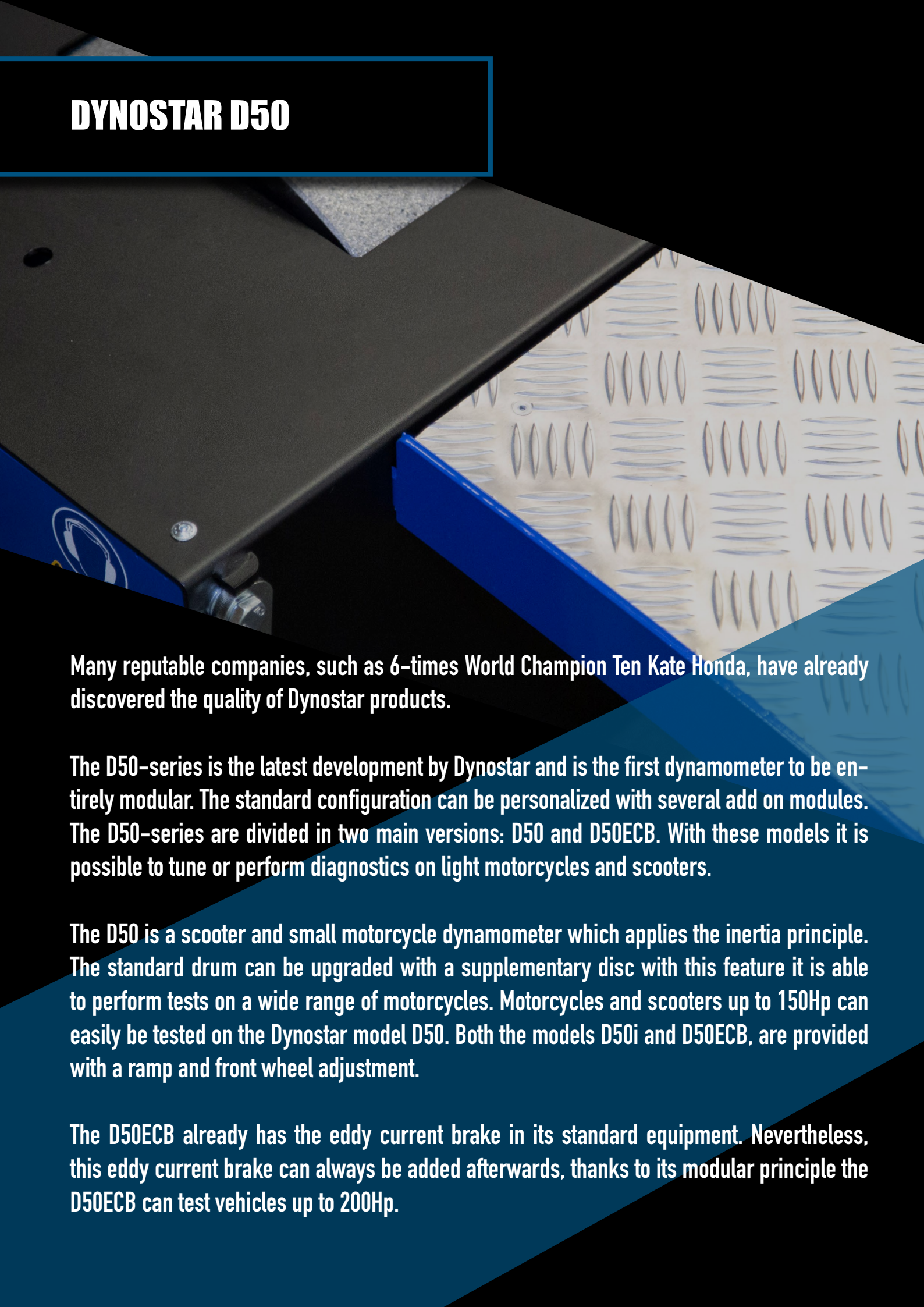




DYNOSTAR D50

ENTIRELY MODULAR

DYNOSTAR D50



Many reputable companies, such as 6-times World Champion Ten Kate Honda, have already discovered the quality of Dynostar products.

The D50-series is the latest development by Dynostar and is the first dynamometer to be entirely modular. The standard configuration can be personalized with several add on modules. The D50-series are divided in two main versions: D50 and D50ECB. With these models it is possible to tune or perform diagnostics on light motorcycles and scooters.

The D50 is a scooter and small motorcycle dynamometer which applies the inertia principle. The standard drum can be upgraded with a supplementary disc with this feature it is able to perform tests on a wide range of motorcycles. Motorcycles and scooters up to 150Hp can easily be tested on the Dynostar model D50. Both the models D50i and D50ECB, are provided with a ramp and front wheel adjustment.

The D50ECB already has the eddy current brake in its standard equipment. Nevertheless, this eddy current brake can always be added afterwards, thanks to its modular principle the D50ECB can test vehicles up to 200Hp.

Standard software features:

- Static power measurement (D50ECB only)
- Dynamic power measurement
- Acceleration test
- Speedometer test
- Weather station
- Power correction to DIN, EEC and SAE standard
- Automatic braking after completing a test (D50ECB only)
- 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:

- MiniDAS Data Acquisition System
- Advanced Dyno Station Software package
- RS232 cable (length 3 m)
- Calibration weight (D50ECB only)
- Remote control (length 2.5 m)
- Straps (2 pcs)
- Instructions
- CE marking
- Emergency brake
- EMC filter



Technical specifications:

- Weight:	300	- Drum diameter:	0,39 [m]
(ECB)	400 [kg]	- Number of drums:	1
- Dimensions (lxwxh):	2,21x 0,62 x 0,75	- Total inertia:	4,4
(ECB)	2,21 x 0,89 x 0,75 [M]	(ECB)	4,7 [kgm2]
- Power requirements:	230 [V]	- Equivalent vehicle mass:	117
- Max. speed:	300 [km/h]	(ECB)	124 [kg]
- Drum width:	0,25 [m]	- Max. dynamic power:	112
		(ECB)	120 [kW]

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On pole position