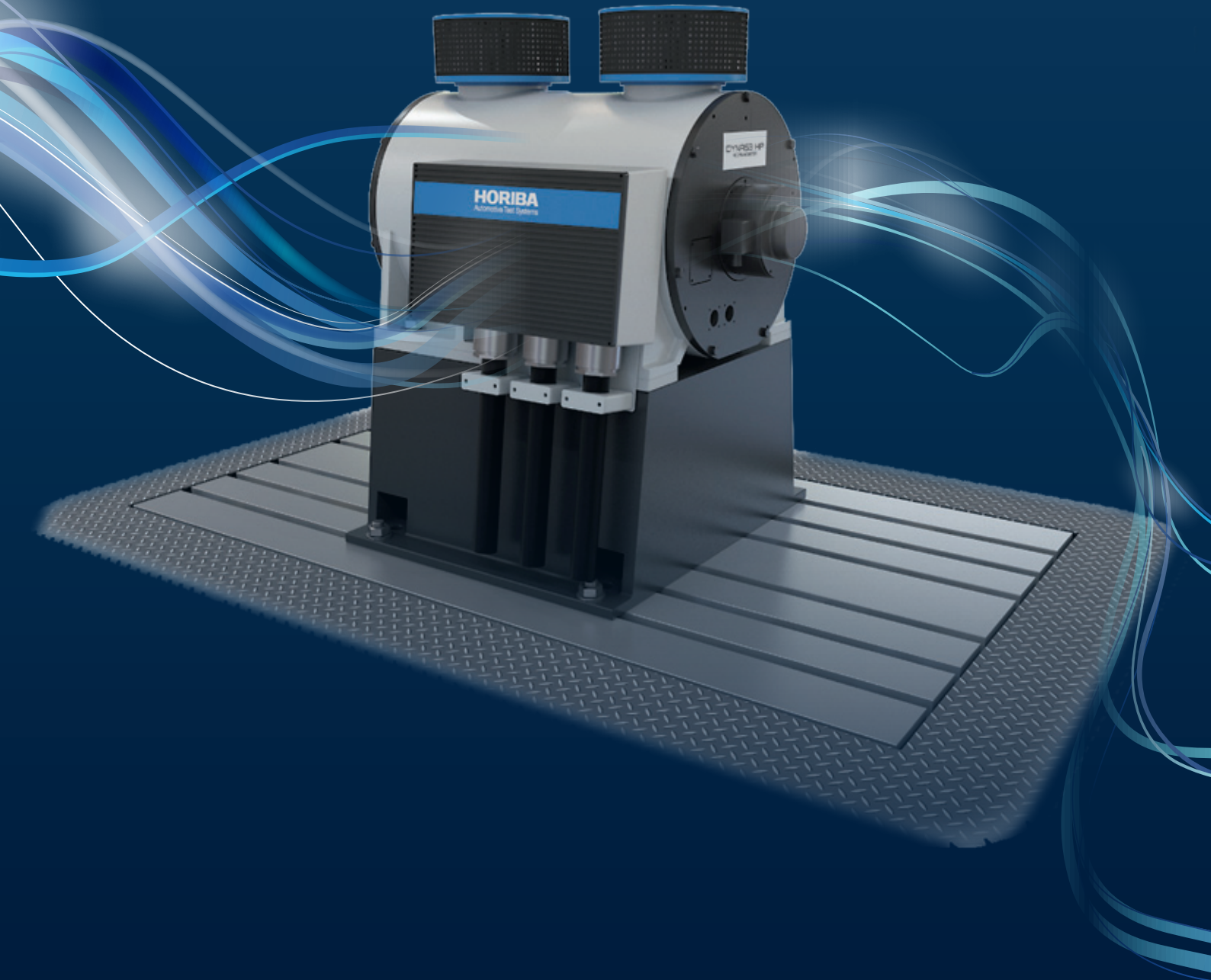


HORIBA
Automotive Test Systems

A C D Y N A M O M E T E R
DYNAS3 HP



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AC DYNAMOMETER DYNAS3 HP

Compact design and high performance

The HORIBA DYNAS series covers the major of engine and driveline testing areas for stationary, transient and dynamic applications. The new HORIBA DYNAS3 HIGH PERFORMANCE class is a significant extension of the well proven DYNAS product portfolio and has been developed to suit the growing demands and needs of current and future markets.

The DYNAS3 LI 265 HP is the first of the new DYNAS3 HP series. It is designed for speeds up to 10,000 rpm with high dynamics and low vibration. Due to the special housing design and the new cooling concept a high power to size ratio is achieved. Delivering a rated power of 265 kW and a rated torque of 525 Nm (overload torque: 630 Nm), the DYNAS3 LI 265 HP covers a wide range of testing requirements.



Key Features:

- Redesigned dynamometer
 - new rotor design
 - stiffened housing with a new shape
- Combined air and water cooling
 - water cooled stator
 - air cooled end windings
 - air outlet via the intermediate frame
- New coupling flange
 - more service friendly
 - allows higher coupling masses

Benefits*:

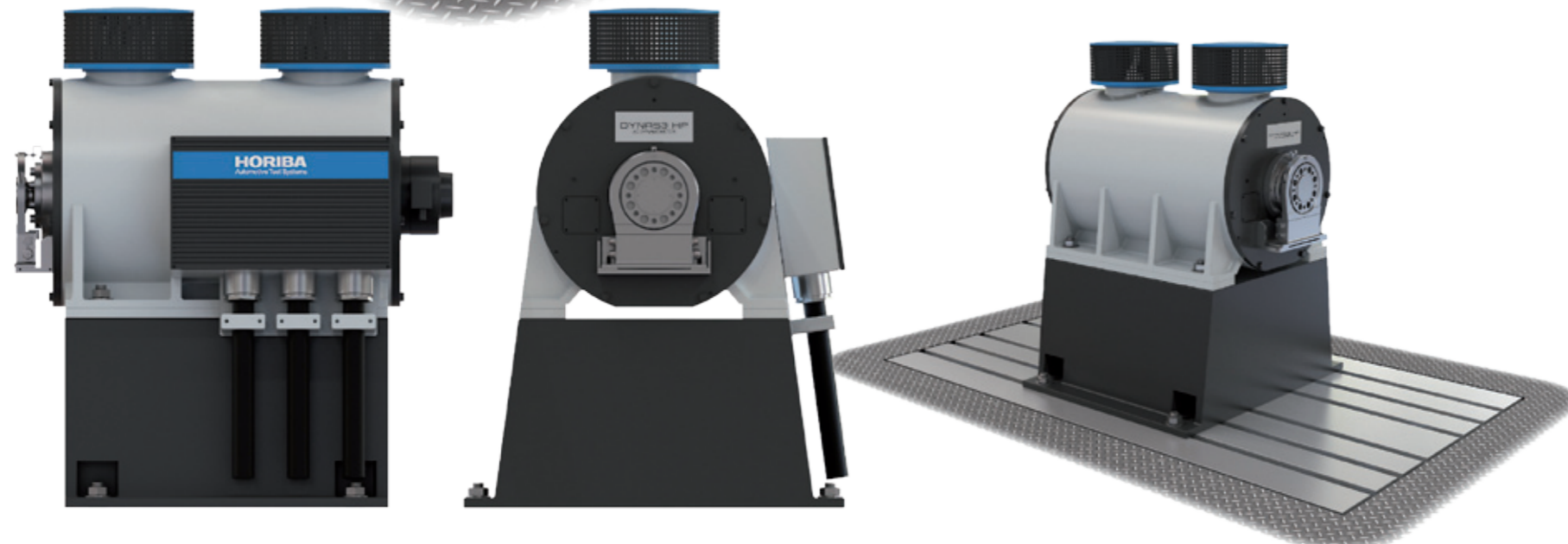
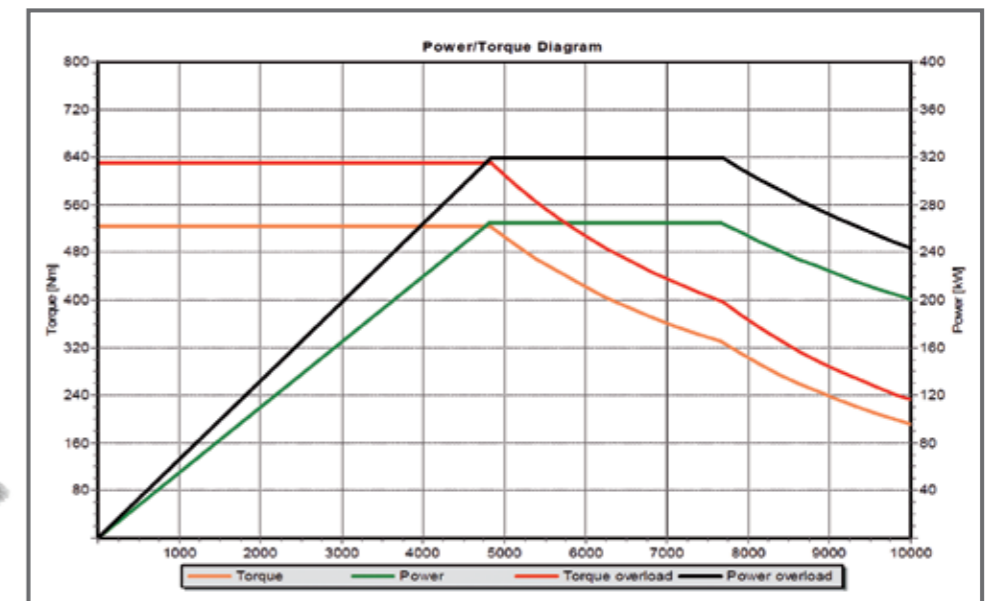
- Power enhancement +6%
- Torque enhancement +9%
- Higher dynamics +18%
- Reduced vibration -28%
- Reduction in perceived noise approx. -50%
- Higher coupling masses (depending on speed) +15% to 30%
- Weight reduction -9%
- Reduced overall length (housing) -8%
- Lower total height (with blower) -20%

* compared to DYNAS3 LI 250

Key performance data DYNAS3 LI 265 HP:

- Rated power (absorbing) [kW] 265
- Rated power (driving) [kW] 244
- Rated torque (absorbing) [Nm] 525
- Rated torque (driving) [Nm] 500
- Max. Speed [rpm] 10,000
- Speed gradient [rpm/s] 18,200
- Moment of inertia [kgm²] 0.33
- Weight [kg] 670

Power & torque diagram (absorbing)



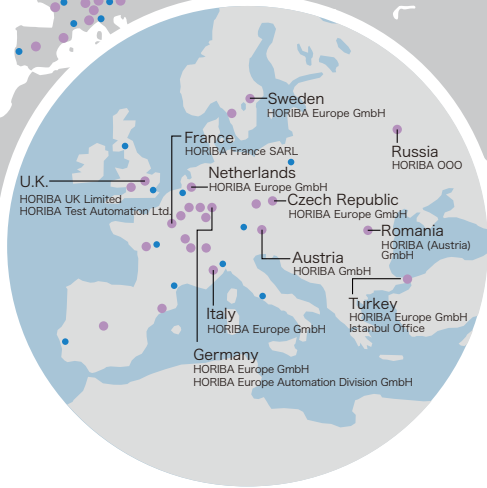
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HORIBA continues contributing to the preservation of the global environment through analysis and measuring technology.

⚠ Please read the operation manual before using this product to assure safe and proper handling of the product.

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