



TESTING POWERTRAINS TO MOVE THE FUTURE



TEST CENTER

Modern and flexible test benches for the most diverse test duties of your e-drive, hybrid drive or combustion engines.

DEVELOPMENT TEST BENCHES

With state-of-the-art measurement technology for e-drive, hybrid drive or combustion engines.

ENDURANCE TEST BENCHES FOR E-DRIVE APPLICATIONS

With dynamic air- and media technology for endurance and environmental tests of e-drives and e-axles.

COMBUSTION ENGINES

All known dynamic and stationary test procedures

POWERTRAIN TEST BENCH

For the testing of conventional, hybrid and pure electric powertrains.

As an innovative and certified test facility with long-standing tradition we offer our global customer pool from the automotive, heavy duty and non road mobil machinery sectors highly dynamic test benches with state-of-the-art measuring technology for combustion engines (up to 4MW), hybrid drive trains and electric engines.

KST's range of services comprises the following technical areas:

- KST is in the market for more than 50 years
- **200+** highly qualified employees
- **85+** test benches
- **38.000** sqm of company site
- 3-shift system 24 hrs / 365 days
- Internal combustion engines incl. CNG, LPG and **H₂ COMING SOON**
- Electric motors and hybrids (BEV, PHEV, HV)
Power range up to 500 KW – **NEW AT KST**
- Voltage source up to 1.000V / 2.000A / 500kW – **NEW AT KST**
- Turbo engine gearboxes
- Realtime Motor Emulation (EME) – **NEW AT KST**
Performance data: Phase current AC: 800 [ARMS]
DC intermediate circuit: 1.000 [VDC]
- Heavy Duty Engines (up to 4MW)
- Transmissions, Drive Trains, Component Testing
- Real Driving Emissions (RDE)
- Lubricants and Fuels
- On-Road Tests
- Certified acc. to ISO 9001:2015
and accredited acc. to
DIN EN ISO/IEC 17025:2005



We invite you to try out and test our services and opportunities. Convince yourself of our competence! We will actively support you and address your specific needs!

Your contact

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