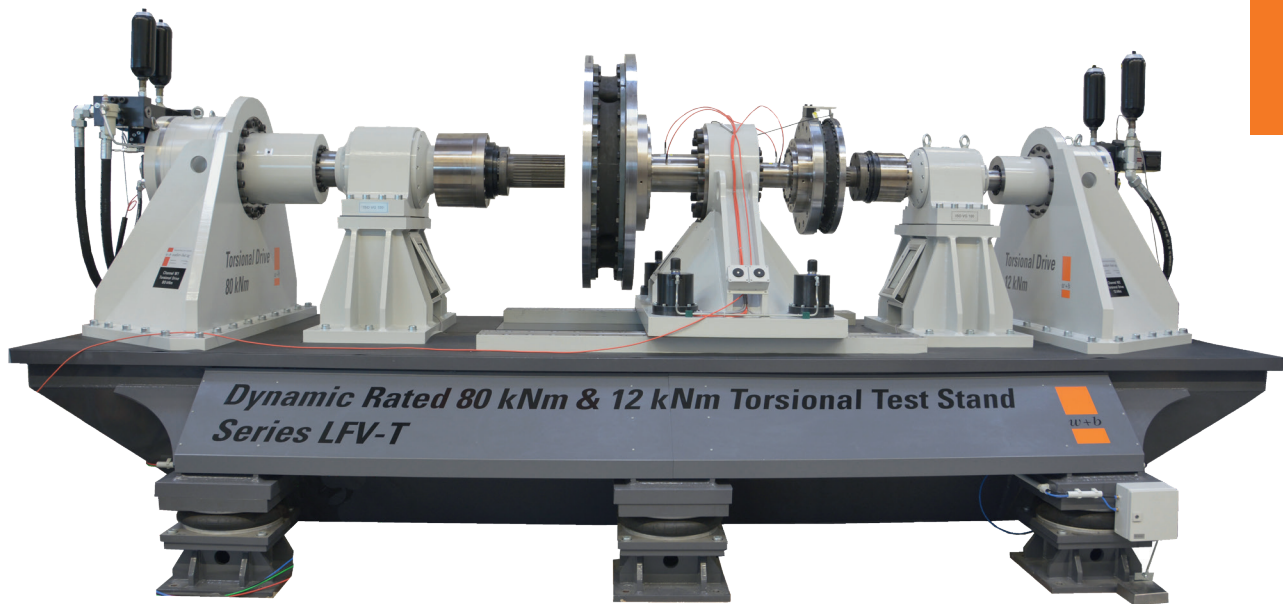
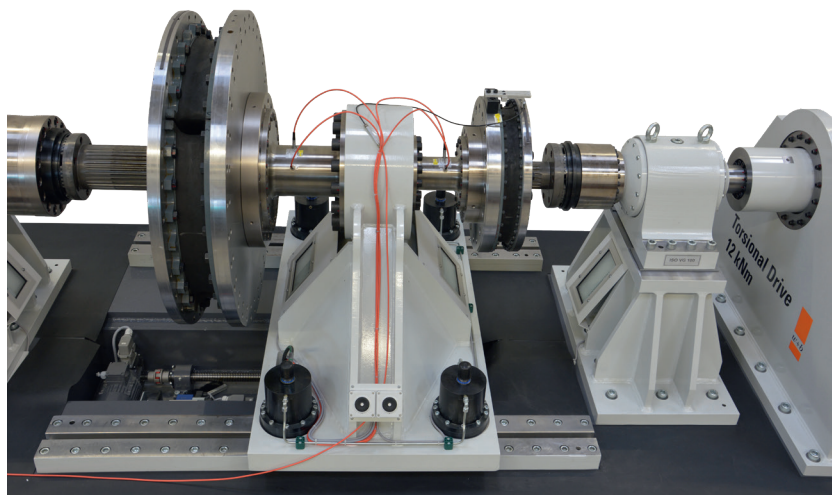


## High Torque Fatigue Testing System for testing of Flexible Rubber Couplings

Walter+Bai AG Testing Machines supplies High-Torque static and dynamic Torsion Testing Machines to determine the mechanical properties, testing of full-size parts as shafts, axles, twist drills couplings, clutches or drive line components for the Oil,- and Gas Industry, Steam & Diesel Engines, Gas Turbines, for Wind Turbines, Shipbuilding / Marine Industry or for calibration purpose of torque transducers.



This high torque fatigue rated test systems is used for testing of torsional flexible rubber couplings that compensates radial, axial and angular shaft displacements of the connected machinery. The torque is transmitted by elements loaded in shear. These couplings are available with different torsional stiffnesses and damping factors to satisfy the torsional vibration behaviour of the drive system.



Our tests system consists of two (2) working rooms, one for torque moments up to 80 kNm, the second for 12 kNm.

Each working room is equipped with independent dynamic rated torsional actuator, high precision torque transducer and related specimen mounting flange.

The middle support with attached torque transducers can be moved hydraulically to both sides in order different samples with thickness up to 1000 mm can be installed.

# w+b Materials Testing Systems

