

Test beds

Low-frequency vibration isolation for demanding and highly dynamic applications



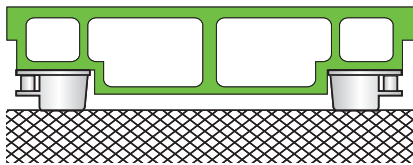
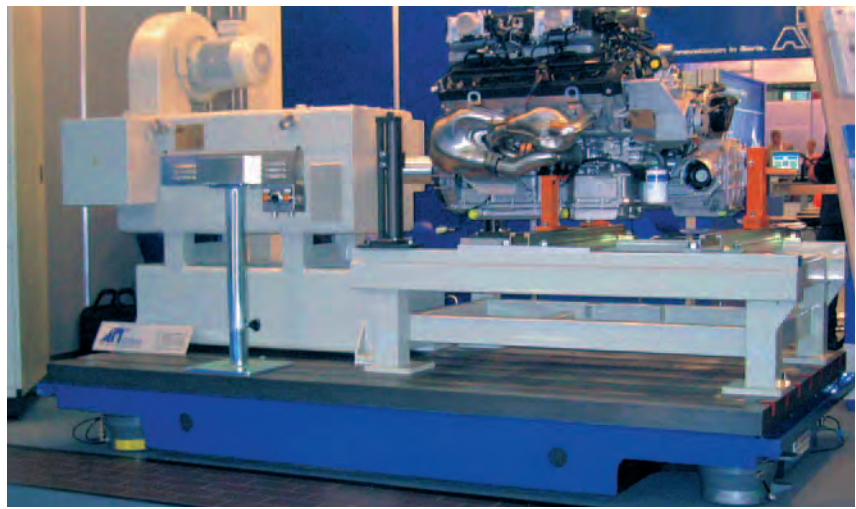
Vibration isolation of test beds

Parallel to the ever increasing demands on test beds and test systems for the automotive industry over recent years, the systems for vibration isolation have also been developing at the same pace.

Convenient and powerful air spring systems with level control have proven themselves ideal for very advantageous solution concepts. For the vibration isolation of test beds and assemblies with particularly high dynamic forces an additional inertial mass in the form of a concrete foundation is also needed, see p.76.

APPLICATION EXAMPLES

- Engine test beds
- Articulated test beds
- Formula-1-test beds (BMW, Mercedes, Ferrari, Toyota, Renault)
- Gearbox test beds
- Acoustic test beds
- Rolling road test beds
- Shaker
- Slip table
- Cylinder test beds
- Special test beds
- Hydropulsers
- Road simulation test beds



Vibration isolation cast steel platform

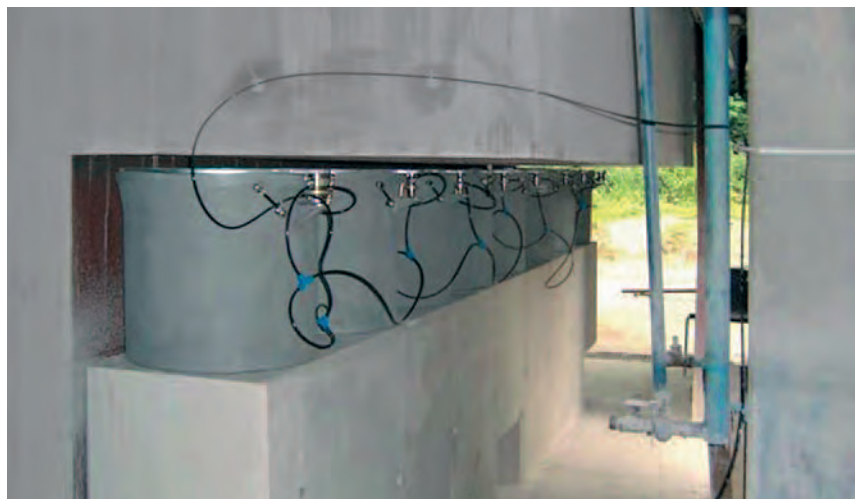


Vibration isolation concrete block or steel platform

Vibration foundations for special test beds

SERVICES

- Frequency analysis and vibration measurement
- Simulations
- Design, manufacture, delivery, assembly and commissioning of vibration isolation systems
- Design, supply and installation of cast iron plates
- Production of static and reinforcement plans for foundation pits and -blocks
- Preparation of bid documents, price comparison, cost estimation
- Construction supervision



For further information contact us to arrange a personal consultation.