

Vibration isolation of automobile test stands

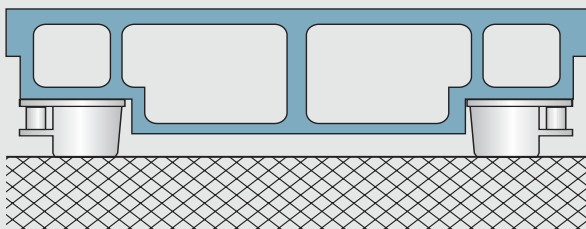
In recent years, ever higher requirements of test stands and test systems for the automobile industry have led to the need for improved performance of vibration isolation systems. BILZ air springs with level control systems are ideally suited for this demanding application.

BILZ services:

- interpretation and supply of the vibration isolation system
- supply and installation of cast iron plates to customer's request
- installation & commissioning of the vibration isolation system

Experience of many years has BILZ in the vibration isolation of:

- engine test stands
- swiveling test stands
- **formula 1 test stands**
(BMW, Daimler Chrysler, Ferrari, Toyota, Renault)
- gearing test stands
- acoustic engine test stands
- acoustic roll test stands
- shaker
- sliding tables
- cylinder test stands
- special test stands
- hydraulic pulsating machines
- heavy shaker test stands
- road simulation test stands



Isolated foundations for special test stands

During the vibration isolation of test stands and assemblies with high dynamic forces additionally an inertia block is needed.

BILZ services:

- interpretation and supply of the vibration isolation system
- preparation of modal and structural analysis, as well as construction plans for the foundation recess and the inertia block
- raising of foundation blocks
- supply and assembly of cast iron plates
- start up of the vibration isolation system

Please ask for our special literature on this topic!

