

DVT LZ

AIR SPRINGS TEST MACHINE



USED TO TEST VEHICLES' AIR SPRING PERFORMANCE

DVT LZ

TECHNICAL SPECIFICATIONS

It is used to test the changes in height and diameter measurements of vehicle air suspension bellows under air pressure and compressive force.

INDUSTRIES OF APPLICATION

- Automotive air suspension bellows manufacturers
- Defense industry
- Railway air suspension bellows manufacturers
- Aircraft air suspension bellows manufacturers
- Marine vessel air suspension bellows manufacturers
- Rubber industry

APPROXIMATE DIMENSIONS AND WEIGHT

- Width: 1310 mm
- Depth: 830 mm
- Height: 2500 mm
- Weight: 765 kg

RELEVANT STANDARDS

- BS-EN14817
- BS-EN 13913
- TS EN 13597

TECHNICAL INFORMATION

- Bellows diameter (width) is measured by laser; corresponding pressure-load graphs are obtained.
- Touchscreen
- Fast return function
- Accuracy: $\pm 0.5\%$
- Operating voltage: 3-phase 380 Volt
- Electrical power: 3 KVA
- Test speed range: 0.001–500,000 mm/min
- Special software consisting of 5 graphs
- Capacity: 100 kN
- Force measurement at 3 points
- Angled upper compression platen

OPTIONAL ADDITIONS

- Additional devices for special tests
- Hot-cold environmental test chambers
- Different models with optional dimensions
- Extension measurement unit for bellows lower height

DVT DEVOTRANS reserves the right to make changes to the devices included in the brochure. The model in the photograph may not be the latest version.