

SCHARFENBERG COUPLERS TEST STAND



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SCHARFENBERG COUPLERS TEST STAND

The purpose of the device is to ensure proper testing of Scharfenberg couplings. The device enables tensile and compressive load tests 750 kN at a speed of 0.05 m/s and allows for adequate stress (forces tension and compression) of tested couplings up to 1000 kN, maintaining this load for 2 minutes. The computer system of the device enables full analysis of measurement data and their recording.

FEATURES

- Testing in automatic mode. Testing is done by giving speed in to-and-from motion to one of the dampers' ends, with the other end fixed firmly,
- Maximum damping force at tension,
- Maximum damping force at compression,
- Hysteresis loop damping force, working stroke of tested shock absorber,
- The operators implements pre-programmed test modes, sets tolerances,
- Collecting and saving measurement data, creating reports as PDF or measurement files,
- Aid in data analysis.

COMPONENTS

- Body with hydraulic drive (S) with force converter (Ps) and distance converter (Pd),
- Hydraulic drive with steering system and equipment,
- Steering system and electrical power supply,
- Electrical cabinet with control panel, PLC controller,
- Emergency stop.

CHARACTERISTICS	DATA
Maximum load	1000 kN
Dimensions of device	3 500 x 1 200 x 1 000 mm
Mass of device	3000 kg



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