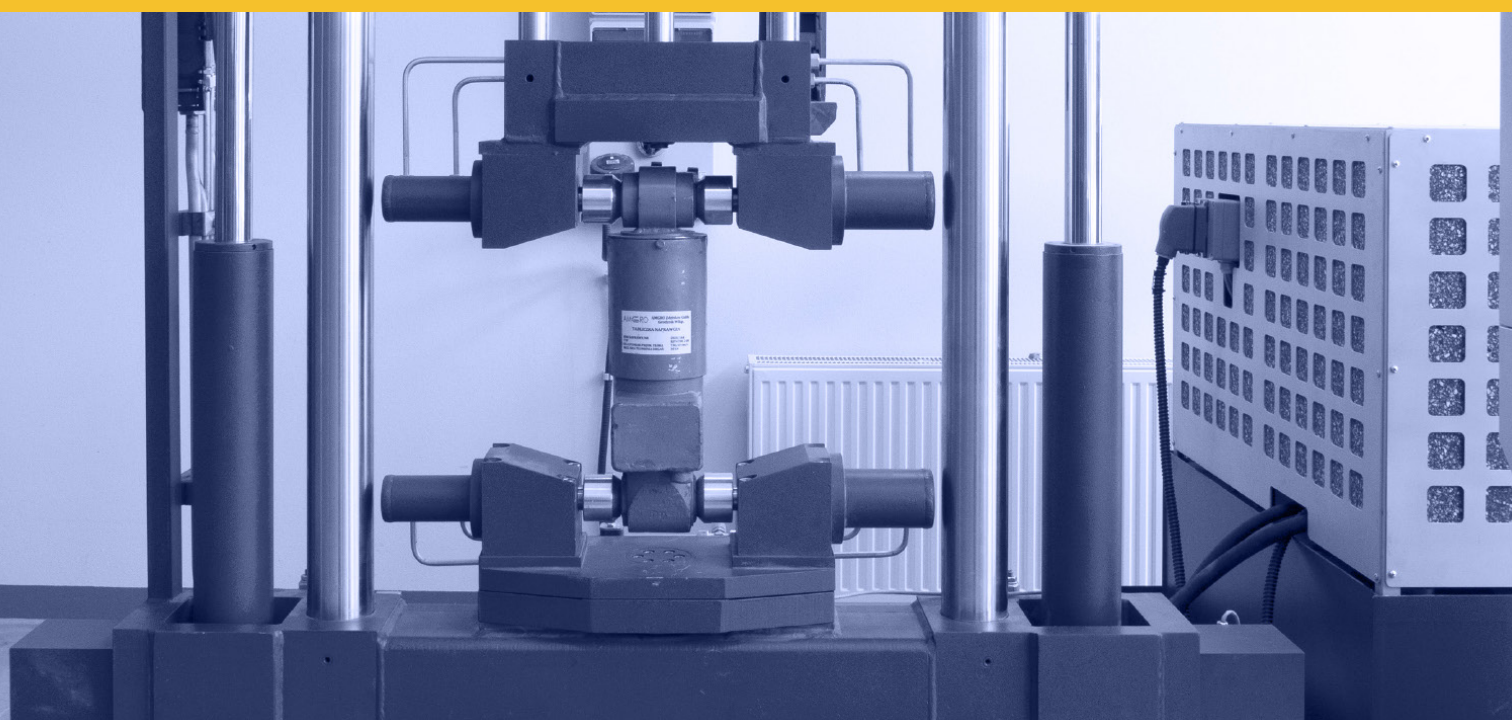


DAMPER TESTING STAND



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ASCO RAIL sp. z o.o.

ul. Wielowiejska 53, 44-120 Pyskowice
POLAND

T: +48 32 230 45 70

F: +48 32 233 21 34

export@ascorail.pl www.ascorail.pl



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DAMPER TESTING STAND



The Damper Testing Stand is designed for to perform tests of oleo-pneumatic shock absorbers KTO with applied automatic cycle of test performance and registration of results. Test results are stored on hard disc of the computer, and they may be later printed out in a form of compulsory protocol form sheets accompanied with automatically generated characteristics charts.



FEATURES

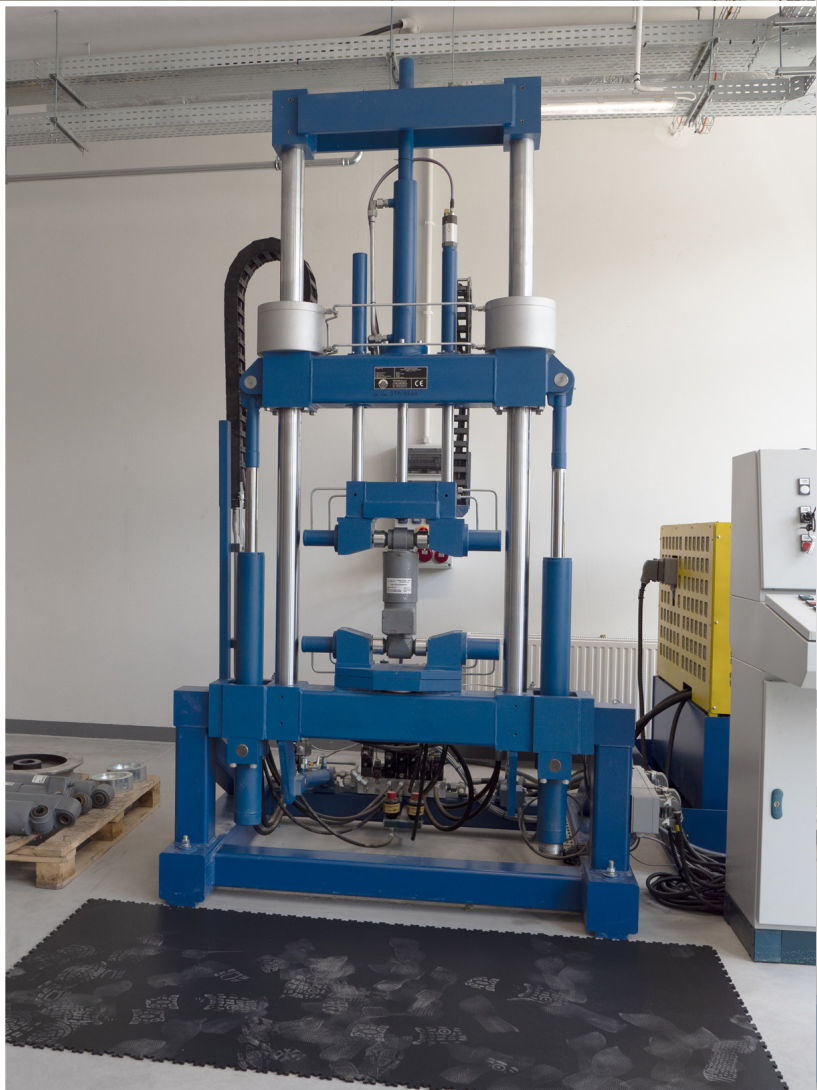
- Testing in automatic mode. Testing is done by giving speed in to-and-from motion to one of dampers' ends, with the other end fixed firmly,
- Maximum damping force at tension,
- Maximum damping force at compression,
- Hysteresis loop damping force, working stroke of tested shock absorber,
- Operator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

COMPONENTS

- Rigid mechanical structure,
- Mounting clamps (upper&lower) hydraulic driven,
- Drive servomotor initiating the to-and-fro motion,
- Electrical cabinet with control panel, PLC controller, built in computer with a database and printer,
- Hydraulic unit,
- Emergency stop and safety crates.



BASIC CHARACTERISTICS	DATA
Maximum acceleration	m/s 0 – 0,3
Maximum stroke	600 mm
Maximum test force	± 40 kN
Accuracy of measured stroke	± 2%
Angle adjustment range	Up to +90
Resolution of load monitoring	<100 N



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