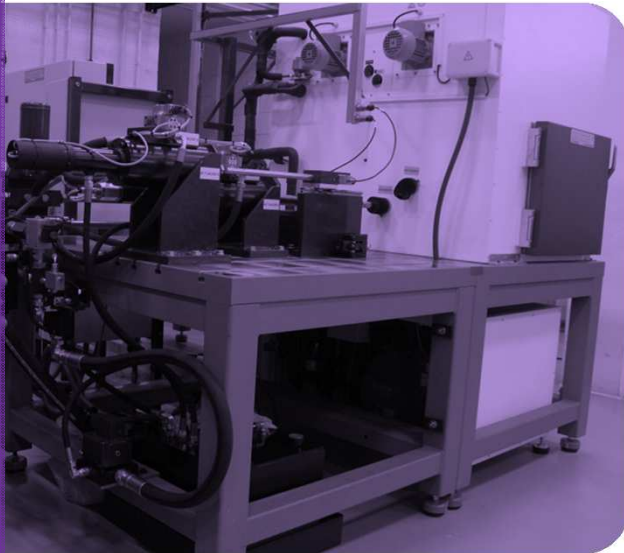


servosis

Testing Machines



Solutions for automotive



Specific software.
Products under Standard.
Custom-made designs.

www.servosis.com



Experience

Servosis has a vast experience in testing world for pieces and materials. More than three decades working support us as a benchmark in the sector.

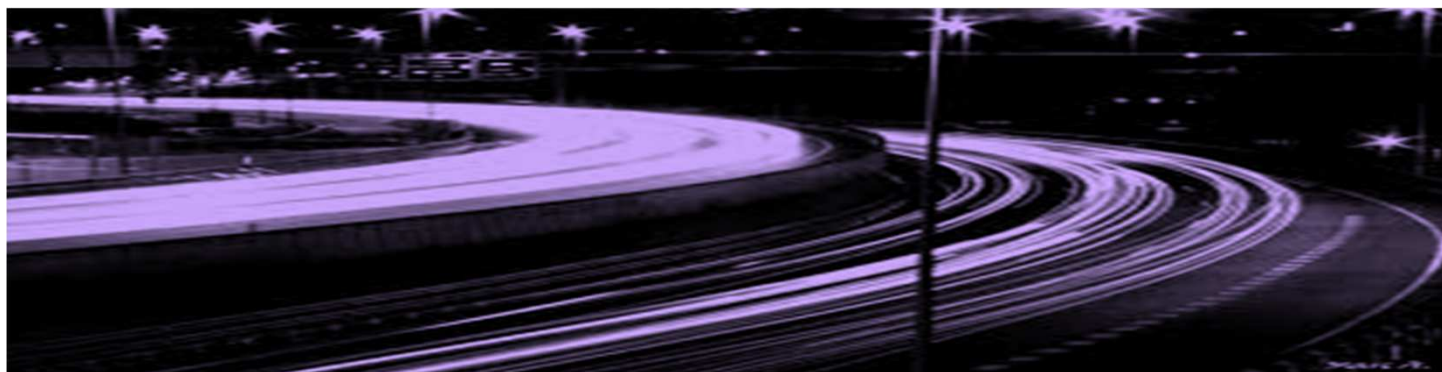
Our range of products include all fields: aeronautic, railway, construction, lamber, composites, and also automotive sector.

Innovation

We are in contact with the main manufacturers and research institutes of the sector, in order to be able to offer updated products adapted to the most recent regulations.

Custom-made

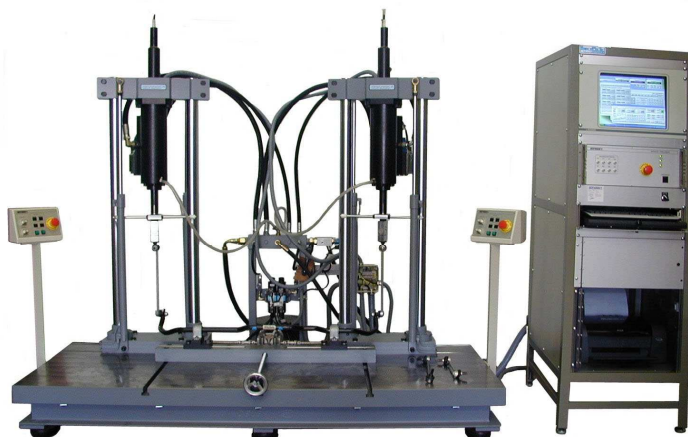
Our competitive advantage is our ability to offer custom solutions, according to the specific need of each of our customers.



Tensile-compression test of stabilizer bar, with two synchronized actuators.

Equipment:

- ❑ 2 actuators model CH9, 50 kN, stroke 150mm.
- ❑ The hydraulic power supply is designed according to the test characteristics.
- ❑ Custom made bench and holders, with manual displacement.
- ❑ Control software PCD2K.
- ❑ Measure electronics for 16 analog channels.



Guiding test for perpendicular forces in shock absorbers.

Equipment:

- ❑ ME 402/50 kN with custom design fixtures.
- ❑ Control software PCD2K.
- ❑ Measure electronics for 8 analog channels.

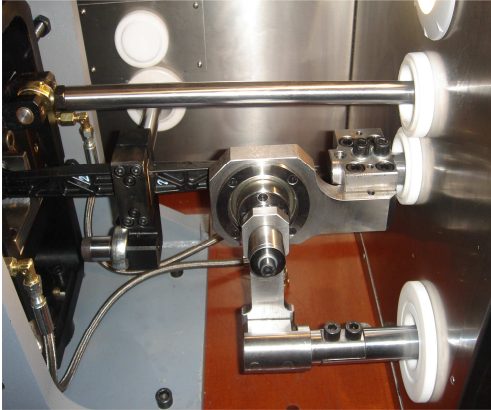


Rotating bending test for shock absorbers.

Equipment:

- ❑ Custom made bench with two synchronized movements for shock absorber tubes: rotation and perpendicular force.
- ❑ Optional 5 l/min – 200 bar hydraulic power supply.
- ❑ Pneumatic pressure measure in the tube, applied force, number of spins...
- ❑ Control software PCD2K.
- ❑ Electronic measure for 8 analog channels.

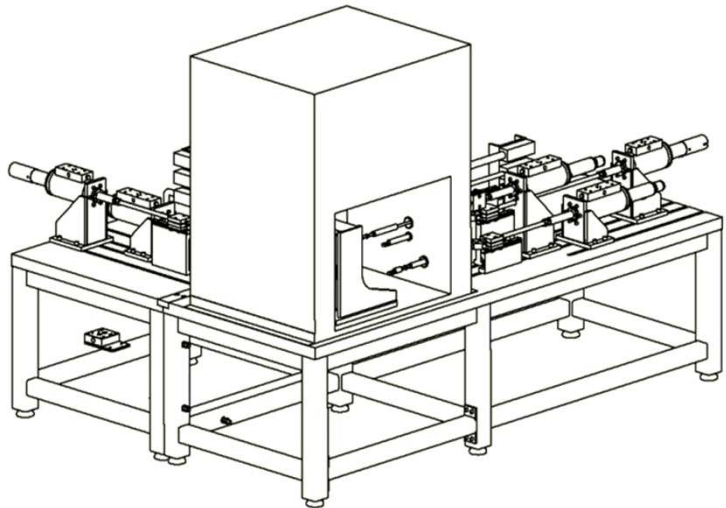
Wear test of swivels:



Equipment:

- ❑ 5 synchronized hydraulic actuators.
- ❑ Enviromental chamber controlled from testing software.
- ❑ Control softwre PCD2K.
- ❑ Measure electronics for 16 analog channels.

The values of the test to be performed have been taken through a data acquisition in a real vehicle, later Servosis system has import them to emulate reality.



Dynamic actuator + mounting bracket for many purposes.



Equipment:

- ❑ Actuator model CH9, different capacities and strokes.
- ❑ Mounting bracket that allow vertical and rotating movements..
- ❑ Hosing for hydraulic connection.

This equipment can be provided with the hydraulic power supply, control software and measure electronics.

Pulsating pressure generator for filters, filter burst, torque tests, crank shafts crack tests, multiactuator tests with free configuration...

www.servosis.com

comercial@servosis.com

+34 91 691 68 61

