

## Mechanical connection rupture test stand

The stand is used for testing welded, glued, soldered joints directly at the production line in order to set appropriate process parameters. The working element of the stand is a hydraulic spreader built on the bench top.

The breaking force is measured using a strain gauge sensor. The set of jaws holding the sample is mounted on linear carts. It is possible to make the stand with manual and electric drive.

### Example test cycle:

- fixing the sample in the measuring jaws,
- actuation of the actuator,
- recording the measurement of the breaking force (measurement of the recorded force of the maximum value ),
- tatistical processing (graph, report) of test data.

