# Traction / compression test bench 2000 kN



## **MAIN FUNCTIONS**

The hydraulic traction/compression test bench allows to carry out tensile and compression tests for products of high length (extension 3,000 mm) and high resistance (max. force 2,000 kN) at a regulated and servo-controlled speed. Automatic test functions:

- High speed approach and automatic contact detection
- Test at regulated speed in compression or traction
- Stop in force or position
- Tests cycling

### **APPLICATIONS**



**SHOCK ABSORBERS** 

(hydraulic, motorcycles, trains, etc.).



HYDRAULIC JACKS

Possibility to test all types of absorbers Characterization of the force/displacement performance of hydraulic jacks.



ELECTRIC CABLES

Test of tension/compression resistance off the the electric cables.

### **ADVANTAGES**





### **EASE OF INSTALLATION**

#### **REGULATED SPEED**

Ease of installation with adjus- The speed is regulated accor- The operator is protected by a table automatic height brac- ding to configurable cycles. kets.

### **OPERATING PROCEDURE**

- Automatic adjustment of the supports height according to the dimensions of the product to be tested
- Automatic feed at high speed until automatic contact detection
- Cycle(s) of automatic loading in compression/traction in accordance with configu-rable program sheets
- Editing of automatic reports

### **TECHNICAL CHARACTERISTICS**



1 - Hydraulic jack 2 - Force sensor 3 - Adjustment brackets 4 - Slindig cover 5 - Hydraulic unit



**OPERATOR SAFETY** 

reinforced sliding cover.



ERGONOMICS

Sliding control panel, always close to the test area.

