



Material Testing



PLASTIC, RUBBER AND COMPOSITES



METAL AND ALLOY



FINISHED AND SEMI FINISHED PRODUCTS



PAPER, PACKAGING AND TEXTILE



BUILDING



BIOMEDICAL AND FOOD

Universal Material Testing Machines

A wide range of electromechanical material testing machines suitable for bidirectional test, according to International Standards as:

- tensile
- compression
- flexure
- bending
- shear
- friction
- cycle
- constant load test
- and others

Machining and assembly of testing machine frames, crossheads and major components take place totally at our factory



Quantum 2,5-5-10-25-50-100 kN

Quasar 200-250-400-600-1000-1200-2000 kN

Strike 300-450-50 J



Our testing software is a highly intuitive, wizard-guided and Windows-based solution

It allows users to set up methods, configure and run tests, displaying easily results and printing certificates in few steps



Robotic and Advanced Solutions

Compact cobot automation (QUANTUMMATE)

Automated sample loading system designed to eliminate repetitive tasks and streamline the technician's workflow.



Automated cells with anthropomorphic robot

Unit for the complete sample characterization (hardness, size, and destructive testing) enclosed in a fully automated cell.

Our Heritage and Certifications

We invest more than 7% of our turnover in R&D and believe that innovative design and pioneering solutions make the difference as demonstrated from our heritage since 1890



1890 ·

Start up with hydraulic press and pioneering applications

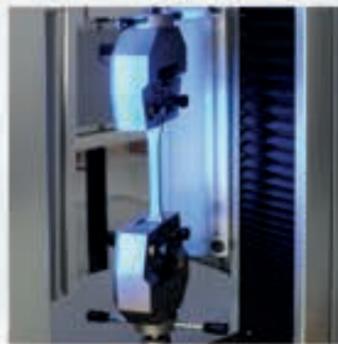


1934 ·

1st Universal tensile testing machine (entry in the market of Quality test)



What's Next?



2018 ·

Intensive development of Optical devices for process measurements during testing



1991 ·

1MN Dead-weight machine for load cell calibration (country primary reference)

Why Galdabini?

For us, innovation means new solutions that meet new requirements and needs. This is accomplished through more effective machines, processes, services, technologies and ideas that are all readily available to satisfy customers' requirements and industries

Moreover, we design and manufacture hydraulic presses, straightening and drilling machines. We are Official Calibration Laboratory LAT 034 for instruments and machines, providing metrological traceability according to International Standards to assure our manufacturing process control

Calibration Services:

- Load cells
- Dynamometers, Testing and Impact machines
- Extensometers
- Hardness Rockwell, Brinell and Vickers
- Torque and Hand-torque calibration
- Pressure and Humidity
- NADCAP Alignment
- Temperature
- Straightening machines
- Scales and standard Weights



ISO 9001



ISO 14001



International Quality System



SUSTAINABLE DEVELOPMENT GOALS

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GALDABINI
1890

