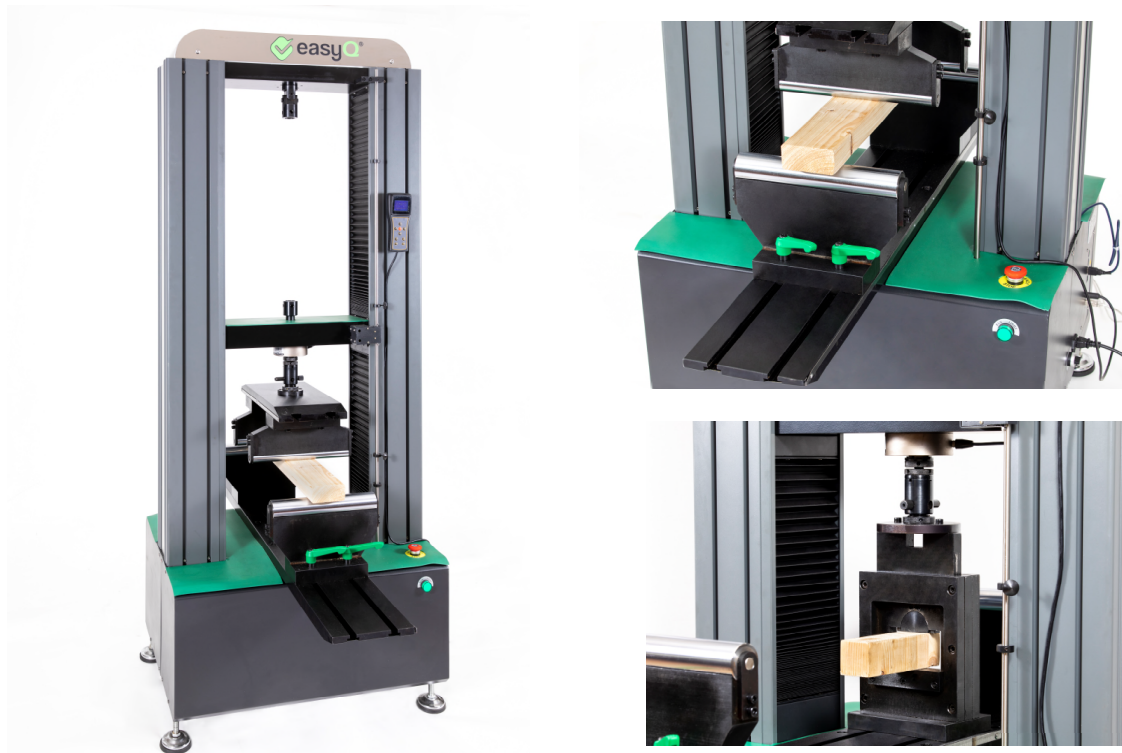


## easyQ UTM

Universal Test Machine for  
Bending- and Shear as well as optional tension tests

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### UTM-50



#### Functions

Four-point bending test-machine according EN14080 / EN 408 for construction timber products, particular suitable for testing of Finger Joints.  
Further standards on request.

Bearing distance manual and freely adjustable. Automatic calculation of required distance in software in dependent from the wood thickness

Electro-mechanical pressure unit by servo drive.  
Load measurement with force cell at an accuracy of  $< \pm 1\%$  of final value.

Operation by push buttons or fully automatic with optional software.  
Loading speed stepless adjustable by software.  
Fully automatic test processing by mouse-click in PC. (PC not included in scope of delivery).

If ordering optional Test-Stand eQLab\DLA, this PC can be used as control PC for Universal Test Machine

# easyQ UTM

## Universal Test Machine for Bending- and Shear as well as optional tension tests

Maximum burst force 50 kN at max. Bearing distance of 1200 mm.  
Alternative available: 100 kN / 2100 mm or 150 kN / 2700 mm.

### Options

#### Shear device

Optional available with shear device for determination of shear resistance of glued wood samples accord. EN14080. Further standards on request

#### Rolling shear device

Optional available with rolling shear device for determination of rolling shear resistance of CLT EN16351. Further standards on request

#### Determination of Global and Local E-module

Optional available measurement devices to determine global and/or local E-Module.

#### Tension Tests

Optional available fixtures to do tension tests.



#### Control software

Optional PC-Software for fully automatic control of test procedure as well as evaluation and storing of results in an excel-sheet.  
Automatic recording of measured values and graphic representation in diagrams.  
When using our test-stand eQLab, software can be installed on this PC to control the machine.

