DYNAMOMETER FOR PALLET

PALLETLAB

TO TEST THE QUALITY AND MECHANICAL CHARACTERISTICS OF WOODEN PALLETS

PALLETLAB is a machine for testing the quality and mechanical characteristics of wooden pallets in various conditions and then processes the results obtained.

PALLETLAB combines simplicity of use with safe and reliable operation thanks to a microprocessor that controls the data measurement process, and an optimized HMI interface designed to carry out the tests and efficiently obtain the measurement results. It comes complete with a set of accessories to conduct all the tests in compliance with current ISO standards.

IMPLEMENTED STANDARDS

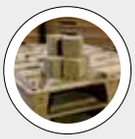
The PALLETLAB is designed to perform tests in compliance with the following international standards:

- ISO 8611-1 part 1a – bending strength in racking situations.
- ISO 8611-1 part 2a – bending strength in forklifting situations.
- ISO 8611-1 part 4a – bending strength in stacking situations.

MACHINE SPECIFICATIONS

The PALLETLAB has been engineered to perform compression tests on standard 1200x800 mm wood-based pallets, with forces up to 10000 kgF.

BEST IN CLASS FOR:



PRESSED WOOD PACKAGING:
WOODEN PALLETS
PRESSED PALLETS

IMALPALGROUP
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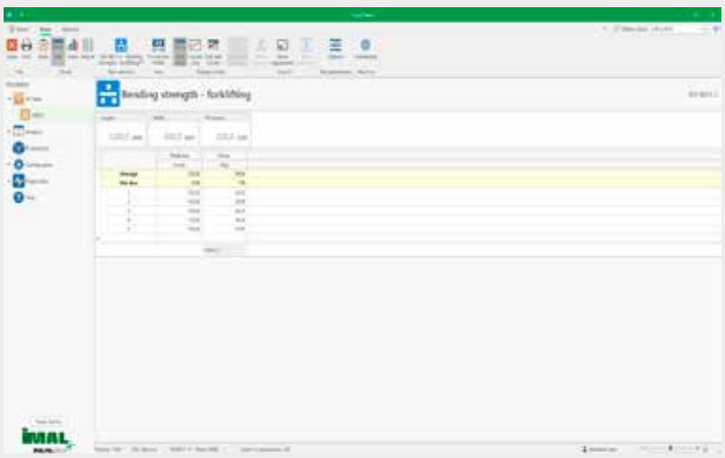
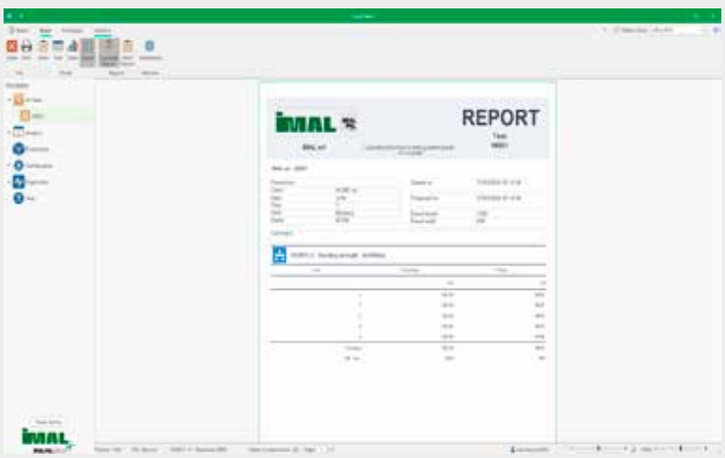
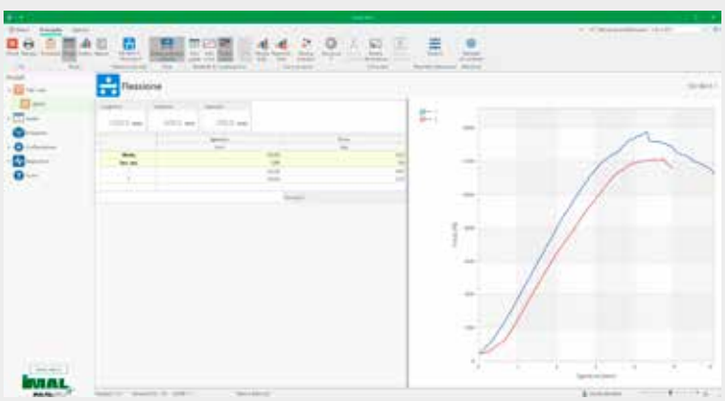
HMI INTERFACE

The operator can programme and carry out the tests which need to be conducted to control pallet quality through simple operations. The user interface combines top level graphics with the most modern software technology for filing data and subsequent data search. During the test, the operator can see the load curves real time, for a live feedback of the measurement in progress. All the data are stored in an SQL server database, from where they may be exported to other applications, like Excel for example, and/or printed (in graph form and/or as a numerical report).







TECHNICAL DATA	
INSTALLED POWER	2 Kw
MAXIMUM PALLET DIMENSIONS	800 x 1200 mm
MAXIMUM LOAD	10000 kg