**TECHNICAL SPECIFICATIONS:**

Hydraulics

Two-stage pump

DC motor, 720W, 50-60Hz

Maximum operating pressure 700 bar

Pressure application/release valve

Valve for second and third frame available as an option

High resolution and stability analog channels, 3 sensor channels Control frequency 250 Hz, sampling frequency 250 Hz 5.1”, 800 x 480 pixels, 16 M colors, touch screen with icons Internal SD card 16 GB for unlimited test data storage USB port for recording test data to an external USB memory stick and for upgrading internal software Ethernet port for PC / Internet /network communication Integrated printer with Load-Time plot available as an option RS 232 port for downloading data in ASCII format

Performance of compression, bending, stretching, ACV tests in automatic mode with force increments controlled by P.I.D. system. Possibility of manually increasing or decreasing the test speed during the test Simultaneous display of load, specific load, increment, load/time graph Recording of the failure type (according to EN or ASTM) in the test results Printing data via internal printer (optional) or transferring to PC via RS 232 port or USB stick PC / network communication via Ethernet Multi-coefficient linearization of the calibration curve for higher accuracy at low loads, thus avoiding the use of a second pressure transducer Device for recording up to 9 test profiles for each channel including: test type, specimen shape and size, force increment, test standard and other general information. Each of the test profiles can be automatically recalled to save time Improved PID algorithm and multiple PID selection. Up to 3 different PID settings can be set for different materials (e.g. cylinder with neoprene washers, low strength specimens) and test methods (e.g. ACV, bending, indirect tension) Compatible with the newly released Datamanager software, tailored for building materials testing laboratories, for real-time data acquisition, display and data management Integration of peripheral devices with Link-LAB Automatic verification procedure of load measurements, by connecting the appropriate load cell and digital readout to the PC Language selection, unit selection (kN, ton, lbf) USB port for internal software upgrade and secure backup of original configuration data (PID, calibration, etc.), in case of data loss and damage. Restoring the press to factory settings is easy, avoiding the need for technical support.

**Scope of the supply:**

* Pilot pro Compact-Line automated press for concrete 2000kN
* Distance tool 200x50mm
* Distance tool 200x68mm
* Distance tool 200x30mm
* triple valve for pilot systems for second and third test frame control
* upgrading automax pro and pilot pro models with built-in printer
* caibration of the unit
* stand for frames and model presses
* datamanager pc software
* dependent import costs (packaging, transport, customs clearance, import permits)