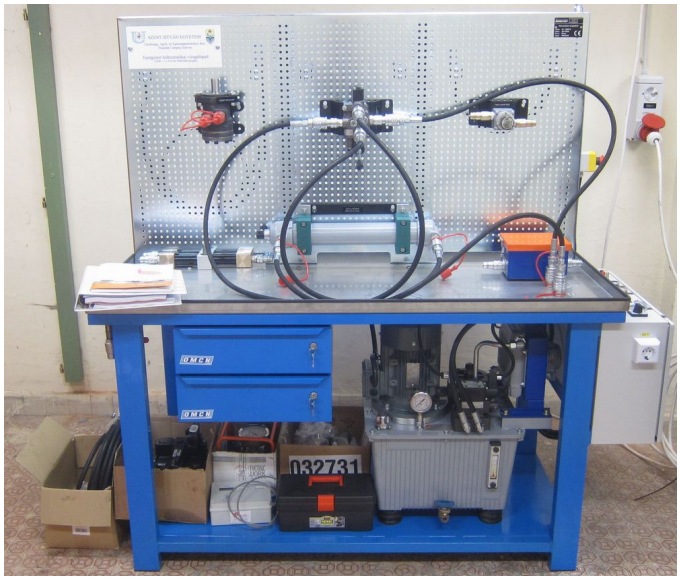
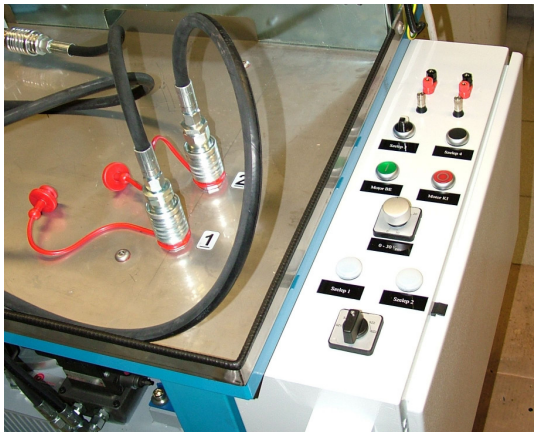
Hydraulic system for educational purposes

The equipment is suitable for training and presentation of hydraulic elements. Any kind of hydraulic controls can be actuated by the built-in hydraulic pump, the electronic way diverter valve and electronically regulated oil flow. The inspected elements can be connected by quick connectors.



- It is mounted on stable metal table
- The table has an oil collection tray function, too
- Vertical panel for presentation and storage
- Built-in adjustable hydraulic pump
- Hydraulic hose system with quick connectors
- Electronic power- and control box
- Emergency button
- Lockable storage drawers



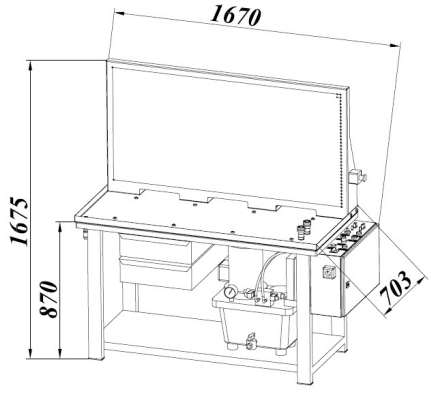
Control interface

Requirements for installation

- Power supply
- Filling with hydraulic oil
- Anti-slip oil resistant flooring

Standard equipment

- Metal table with oil collection tray
- Storage drawers
- Perforated demonstration panel
- Hydraulic power pack with quick connectors
- Electronic control box with emergency button
- The inspected hydraulic elements, parts can be selected from the list of optional accessories



Dimensions of the equipment

Optional accessories

Hydraulic elements for in-use presentation:

- Pressure and flow controllers
- Mounted reduction valve
- Double operation hydraulic cylinder
- ORBIT hydraulic motor
- Manual valve
- Manually actuated diverter
- Swing motor

Hydraulic elements for demonstration:

- Radial piston pump
- Constant power vane pump
- Adjustable axial piston pump
- Pressure and flow meters
- Bidirectional flow stabilizer
- Direct controlled pressure limiter
- Hydraulic accumulator
- Check valve
- Reduction valve for pipe

Hydraulic testers, measuring instruments:

- Hydraulic testers
- Digital pressure indicator
- Infrared thermometer
- Laser RPM meter

Other options:

- Professional training manuals, manufacturer datasheets, catalogs
- Hydraulic hoses (in length of 1-2-3 m)
- Hydraulic oil

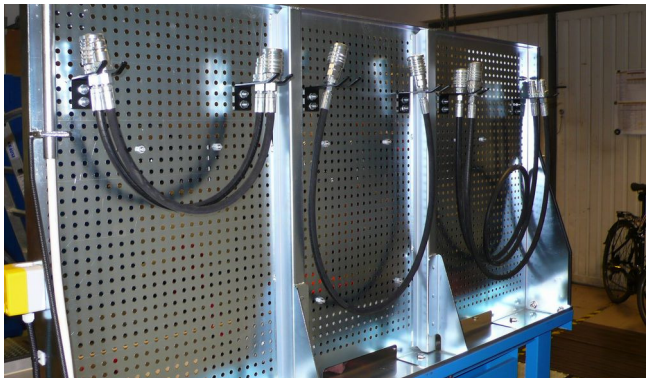
Technical data

Hydraulic pump power:	3 kW
Hydraulic pump capacity:	0-30 l / min
Maximum oil pressure:	50 bar
Oil tank capacity:	30 l
Oil quality:	U32
Dimensions of the work table:	1500 x 500 mm
Dimensions of mounting panel:	1500 x 800 mm
Electronic power supply:	3 x 400 / 230 V 16 A
Protection:	IP 44
Protection class:	I.

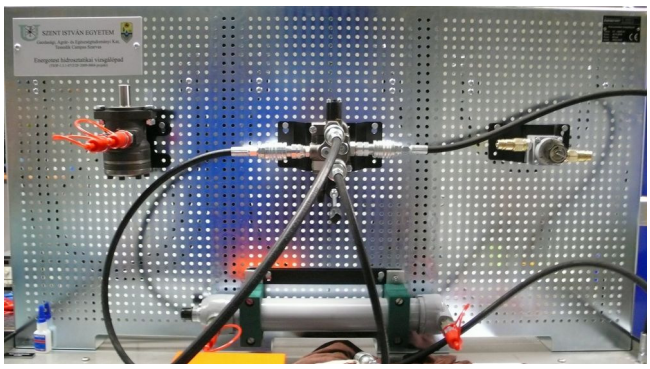
Made in Hungary

Az Ön partnere:

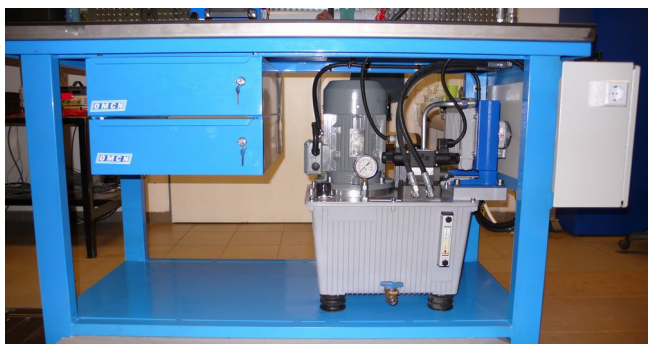
Work table with oil collection tray



Replaceable hydraulic tubes



Hydraulic elements to be inspected



Built-in hydraulic pump

Due to constant product improvement Energotest reserves the right to make changes without prior notice. Images may contain optional extras.

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