

LABORATORY SCALE DEVICES / SHAPING AND FORMING

ATMOSPHERE CONTROLLED AUTOMATIC HOT PRESS

Pressing, which is one of the most widely used methods of material shaping methods, has been designed to design different presses according to the basic requirements of the application. MSE Teknoloji produces various press-driven presses with various characteristics in accordance with the new requirements in the field of technology, industry and R & D. Apart from the standard specifications, a number of presses are designed and manufactured for the purpose of the process use.

- PID controlled heating, PLC control and touch screen, applied force, time and control, position control, temperature, time, stroke distance,
- process log display, data recording with USB output and the ability to automatically adjust and program the vacuum operation via touch screen
- Electronic safety system, emergency stop button, voice and display warning, auto power cut while lid is opening
- Force control via patented MSE_Servo Hydraulic system
- Atmosphere controlled cooled cabin, cooling temperature display
- Load cell
- Ability of pressing same sample everytime
- Galvanized steel construction
- Able to work at max. Temperature
- Over temperature alarm
- Epoxy shippimer coated
- PC software and remote connection
- Hydraulic pump and hydraulic system protection
- High sensitivity at low flow
- Aluminum structure
- Do not able to work without lid closed
- Adjustable gas and cooling water flow meter
- 10^{-2} vacuum pump and vacuum display
- Water circulated hydraulic system protection
- Graphite blocks and pressure refractories for high temperatures



Force: 50 ton
Temperature: 2500 °C

