

Automatic hydraulic Compression Molding Press for plastics

Specification:

Fully automatic operation

Capacity: 0-20 Tons.

Working Temp: up to 300° up to 500°C with accuracy of $\pm 1^\circ \text{C}$

Heating Load: 1.5 KW per Platen

Platen size: 200 mm X 200 mm.

Pressure Range: 100 Kg/cm²

Day Light: 100 mm

Platen movement by hydraulic system (up stroke)

PLC with four line HMI for Display and control with Two Temperature

Controllers for both platens, Two Timers for curing and cooling time.

Heating and cooling system in platens.

Cooling by Tap water circulation by Pump (Water connection to be provided by user)

Template for rectangular samples of 4 mm thick.

Customers Scope: Tap water connection and water pump with ball valve & water Drain Connection.

Covered with doors for safety during operation

Inbuilt Power pack unit with Branded components, Pump and Motor.

Floor Model

Power: 3 phase + Neutral.

Paint: Powder Coated.

Hydraulic Oil will be provided by buyer.

(Included in below parts)

- A. Force Calibration Certificate using equipment traceable to NIST**
- B. Floor stands**
- C. Floor stand Casters**
- D. KBr buffer plate & single un-heated platen with centering grooves for use with dies & TCOs**
- E. Set of two (2) platen Hardened un-heated Steel Platens for smooth surface,**
- F. Spare parts Hydraulic Cylinder Kit include the following:
Piston & Rod Seals, with misc hardware etc.,**
- G. Spare parts Hydraulic Vent Valve include the following:
Solenoid/Cartridge Valve & Coil**
- H. Spare parts Carver Special Hydraulic Fluid (Oil)
One pint container - (Auto Series Presses take 2.5 pints of oil)**
- I. Spare parts Safety Door Switch with Actuator**