

Hydraulic Compression Press

Hydraulic Compression Press -- Building-Block Design and Construction

To meet the increasingly varied operating and production needs of the plastic, rubber and electronic industries, PHI has developed a versatile, standardized "building-block" system for the design and construction of its hydraulic presses.

The basic "building-blocks" include a wide range of standard frames, platens, heating systems, hydraulic power supplies and electric cycle controls. Utilizing these basic "building blocks" in various combinations, PHI can supply efficient, cost-effective compression presses with capacities controls, features and capabilities tailored to your specific needs. Benefits of the Hydraulic Compression Press Building-Block Design With this proven, pre-engineered "building-block" technique, press users now have the opportunity to select presses with "special" customized capabilities at cost-effective prices. With the customized building-block design, lead-time can be greatly reduced. The deliveries of most presses can be made in a few weeks.

Whether strain rod or unitized frame, all PHI hydraulic presses are carefully engineered and built for years of heavy-duty service. Only the finest hydraulic, electrical and mechanical components, controls and safety devices are used. Components are conveniently located to afford maximum accessibility for ease of operation, inspection and maintenance.

Special Hydraulic Compression Press -- 75-ton Capacity The special, 75-ton capacity hydraulic compression press provides precise pressure control utilizing PHI's advanced control instrumentation. The press includes three pressure control ranges, electrically heated platens, a microprocessor-based temperature program, operational load cell and a digital temperature and pressure data logger/multipoint recorder with full alarm capabilities.

Uses of the Hydraulic Compression Press

Typical application of the PHI hydraulic compression press includes high quality, high production plastic and rubber molding, bonding and laminating.