

Chavant

Clay Modeling Products
Since 1892, the finest name in modeling clay

Hydraulic Extruder



General Details:

This Clay Extruding machine is an Electric Hydraulic device. The unit is used to extrude clay into a length with a consistent profile shape. An interchangeable die plate, fabricated by the user, determines the profile shape. The machine is designed so that a billet of cold clay can be placed into the machine and then extruded through the die plates to form a specific design, typically sections of trim, which will then be applied to a model.

Technical Specifications

Construction:

The internal chamber is constructed of heavy section Aluminum Alloy castings. The casting is fitted with one Mica band heater which is regulated by a digital temperature controller and a built in thermocouple.

The unit is powered by a two speed hydraulic power pack which is manually controlled by an operating lever.

The Extruder is fitted with a series of interlocked safety switches which are connected to a purpose designed safety monitoring system. This ensures that all the guards and operating equipment are in a secure position before allowing the hydraulic pressure to be applied.

It is a fully contained unit and only requires to be connected to a suitable power supply.

The unit is portable, mounted on a strong fabricated steel frame which is fitted with four lockable castor wheels.

The unit has a 320mm x 65mm (12.5" x 2.6") diameter barrel and was made to accept one full Billet of clay.

Drive:

Double acting 40 mm chrome piston hydraulic ram.

Hydraulic power pack system with 2.2Kw, 220 volt, 3 phase power supply, complete with a lever operated directional control valve, spring return, a remote mounted pressure control valve with incorporated speed control valve.

Control:

Fully integrated Guard Master safety switch system comprising of locking master safety switch, secondary inline back up switch and safety monitoring safety relay.

Panel mounted integrated controls

Overall Specifications:

Dimensions: 1260 mm long x 760 mm wide x 1000 mm total height (50"L x 30"W x 39.5"H)

Approximate weight: 120 kilos (265 Pounds)

CE compliance: Built to all the current requirements including BSEN 60204, BSEN 292 & 294, Low voltage directive 73/23IEEC

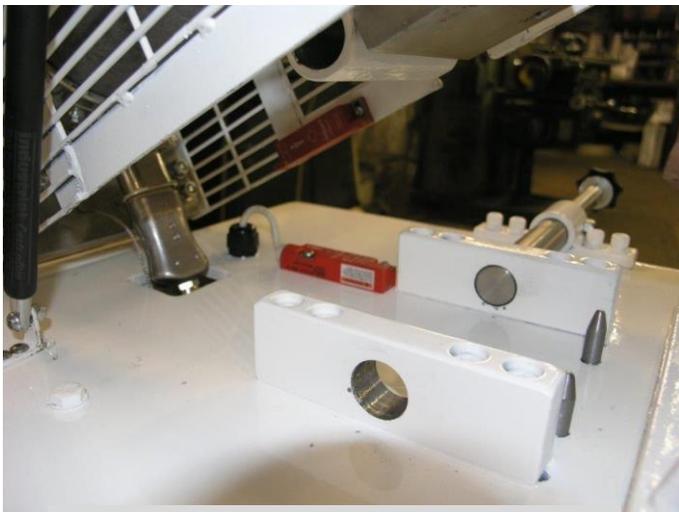
The Unit will be supplied with full supporting documentation to customer's requirements



Remove 4 nuts to Interchange Die Plate
Note: Operating Lever on right side.



Hinged Loading System & Safety Cage
The unit has a 320mm x 65mm diameter barrel made to accept one full Billet of clay



Locking Pin for Loading System

