

Product Name :
Power Press Machine

Product Code :
ELAB-MAC0011



Description :

Power Press Machine

Technical Specification :

Frame

The frame is of all steel construction, fabricated from rolled steel plates with suitable cross ribbings. Presses up to 30T will be supplied with C.I. legs. Proper alignment of the frame is ensured by machining.

The structure is designed for perfectly balanced distribution of stress over the cross section eliminating deflection & vibration, in result increased tool & machine life.

Crank Shaft

The Crank shaft is made of special alloy steel with precisely machined to grind finish having closed accuracy and fitted in bronze bushes for smooth working, longer life with consistent performance.

Clutch

Clutches of pin/rolling key-type and well supported with high rigidity.

The Clutch is made of special alloy steel, the pin / rolling key is manufactured from W.P.S. / EN24 material & with proper heat treatment to ensure trouble free long life & give continues stroke for mass production.

Adjustable Stroke

Gears are of steel cast or fabricated. Gear teeth are generated by precision hobbing machine.

The unique feature of adjustable stroke enables the press to perform all kinds of operations by employing short stroke for blanking and forming operation.

Properly sized flywheel is made of high grade cast iron, for storing and releasing adequate energy for the pressing operation, and properly balanced for smooth running.

LAB ENGINEERING

Elab Engineering Equipments Manufacturers