Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Hydraulic Press Machine

Product Code :

SLE/MCE/09



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Description :

Hydraulic Press Machine (Product Code: SLE/MCE/09) is a motor-driven hydraulic press used to apply large, controllable force for pressing, straightening, bending, forming and assembly work, such as fitting bearings and bushes, in maintenance shops, fabrication workshops and engineering training institutes. It is listed from 5 to 200 tonnes at 25 MPa working pressure, with honed steel cylinders and chevron seals. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, as part of its range of engineering lab equipment in India.

Specifications

Parameter	Detail
Capacity	5–200 tonnes
Working pressure	25 MPa
Table travel	200–270 mm
Bed size	235 x 235 mm to 750 x 800 mm
Motor	2–10 HP
Cylinders	Made from quality steel; bores honed to a mirror finish for long piston-seal life; surface ground and hardened for seal life and corrosion resistance
Sealing	Chevron seals and bronze strip for leak-proof performance
Product code	SLE/MCE/09
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Hydraulic Press Used For?

A hydraulic press multiplies force with oil: the motor-driven pump pushes oil into the cylinder, and the working pressure acting on the piston area produces the rated tonnage at the ram. Because the ram can be stopped, held or reversed at any point, the press suits jobs that need control rather than speed — pressing bearings and bushes on or off shafts, straightening bent components, bending and forming, and general assembly work.

For engineering students it is also a clear demonstration of force equals pressure times area. Honed cylinder bores and chevron seals with bronze strip are there to keep the system leak-free, so keep the oil clean and check for seepage during routine care. Always centre the load on the bed, use suitable fixtures and never work above the rated capacity.

What to Specify When Ordering

- Required capacity, from 5 to 200 tonnes.
- Bed size needed for your largest job (235 x 235 mm up to 750 x 800 mm).
- Table travel required, within 200–270 mm.
- Your electrical supply for the 2–10 HP motor, which is not stated in the listing.
- Quantity and delivery location.

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