Email : sales@scilabexport.com
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Product Name :

Power Press Machine

Product Code :

SLE/MCE/07



Science Lab
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Description :

Power Press Machine (Product Code: SLE/MCE/07) is a flywheel-driven mechanical crankpress used to punch, blank, bend and form sheet metal with matched punch-and-die tooling in fabrication shops, sheet-metal workshops and technical training institutes. It is listed in capacities from 5 to 50 tons, with an all-steel fabricated frame, an alloy steel crankshaft running in bronze bushes and a cast iron flywheel. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Capacity	5–50 tons
Frame	All steel construction, fabricated from rolled steel plates with cross ribbing; alignment ensured by machining
Legs	Presses up to 30 T supplied with C.I. legs
Crankshaft	Special alloy steel, precisely machined to a ground finish; diameter 70–140 mm
Bearings	Bronze bushes for smooth working
Flywheel	High grade cast iron; diameter 406–660 mm
Gears	Steel cast or fabricated; teeth generated on a precision hobbing machine
Adjustment of stroke	38–89 mm
Adjustment of ram	25 mm
Punch hole in ram	25–45 mm
Hole in bed	63–95 mm
Bed thickness	50–83 mm
Bed size (L x W)	355 x 178 mm (as listed)
Distance between bed and ram	177–350 mm
Floor to bed surface	700–1000 mm
Strokes per minute	80 to 35 (across the capacity range)
Motor	1–5 HP
Product code	SLE/MCE/07
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Power Press Used For?

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