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Product Name :

Block Making Machine Hand Operated

Product Code :

SLE/MCE/10



Science Lab
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Description :

Block Making Machine Hand Operated (Product Code: SLE/MCE/10) is a manually worked, vibration-compaction machine used to mould paver blocks and hollow blocks in small block-production yards, construction training centres and vocational training workshops. Builders, small producers and technical institutes use it for its 375 x 600 mm moulding area and a 1.5 HP bottom vibrator motor offered for single-phase or three-phase supply. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Operation	Hand operated
Bottom vibrator	1.5 HP motor, single-phase or three-phase
Vibration	Amplitude adjustable
Moulding area	375 x 600 mm
Machine weight	450 kg
Paver blocks	4 blocks per stroke; 800–1000 blocks per shift
Hollow block 100 x 200 x 400 mm	4 blocks per stroke; 500–800 blocks per shift
Hollow block 150 x 200 x 400 mm	2 blocks per stroke; 250–400 blocks per shift
Hollow block 200 x 200 x 400 mm	2 blocks per stroke; 250–400 blocks per shift
Product code	SLE/MCE/10
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Block Making Machine Used For?

The machine turns a stiff, low-slump concrete mix into uniform masonry units. The operator fills the mould box, the bottom vibrator shakes the mix until it settles into a dense block, and the hand-worked mechanism releases the fresh blocks so they can be moved away to cure. Paver moulds give four blocks per stroke, while hollow-block moulds give four or two per stroke depending on block width.

In civil and construction courses it gives trainees hands-on practice with batching, compaction and curing, and it suits small producers who want steady output without an automatic plant. The per-shift figures in the table are ranges: real output depends on crew size, mix consistency and how quickly blocks are cleared. Tune the adjustable vibration amplitude to the block type, clean the mould at the end of every shift and keep the machine on a firm, level base.

What to Specify When Ordering