



#### Applications:

Used to compact rectangular 40 x 40 x 160mm of port land and pozzolana cement mortar prism specimens for determining the transverse strength.

#### Salient Features:

- Rapid mould lock and release system
- Rigid structure assuring stability and no distortion
- Easy to operate
- Aesthetic outer appearance
- Powder coated body

#### Construction Details:

- The jolting apparatus consists of rectangular table rigidly connected by two support arms to a spindle at a horizontal distance of 800 mm from the centre of the table.
- There is a projecting lug with a plane face on the lower face of the table beneath which is a stop with a rounded upper surface.
- The table can be raised and allowed to fall freely by a cam which is connected to a motor. The cam rotates at a rate of 60 rev/min.
- A stroke counter fitted with micro-switch is provided which stops the machine after 60 jolts.
- Locating pins are provided for mounting the moulds compartments on the table.
- The mould surrounded by the hopper can be clamped rigidly to the table.

#### Technical specification

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|----------------------------------------------------------------|---------------------------------------------|
| • Total weight of the vibrating part                           | : 20 kg                                     |
| • Vibration frequency                                          | : 60 times/60 seconds                       |
| • Fall distance                                                | : 15 ± 0.3 mm                               |
| • Motor Speed                                                  | : 60 Rev/Min                                |
| • Distance from platform center to center of arm extension rod | : 800mm                                     |
| • Overall Dimensions                                           | : 1070 X 410 X 510 (L X W X D) mm           |
| • Net Weight                                                   | : 40 kg                                     |
| • Operation                                                    | : 230 Volts, 50 Hz, Single Phase, AC Supply |

Note: Specifications are subject to change.