

Large Automatic Mechanical Compactor for Soils with the Rammer

This machine is used to prepare specimens for soil strength and permeability tests for dam construction and other applications.

The machine uses two friction pulleys to efficiently pull the rammer up to achieve sufficient drop height and good compaction.

The table is rotated by a heat-treated geneva drive and bevel gears. The slide for the center ram is moved by an air cylinder with good timing. Slide surfaces are made of heat-treated steel balls, needle bearings, etc.

The structural design and materials are designed to provide high durability in consideration of repeated hardening. The cover is designed with safety in mind for safe use.

SPECIFICATION

Electric motor : AC200V 0.75kW

Rammer : standard 10kg \varnothing 100mm

Drop Height : standard 75cm

Number of drop : 15 times/min.

Drop count setting counter with automatic stop device

Table rotation angle : 65degrees/time & Central thrust

Applicable mold : \varnothing 300 × 700mm (collar included)

Dimensions : 2500Hx930Wx1050D(mm)

Option : Air compressor

Mold

SPECIAL SPECIFICATION(Options)

Rammer : 2.5kg 4.5kg

Drop Height : 30cm 45cm

Thrusting speed : Inverter type

Applicable mold : For both \varnothing 100 & \varnothing 200



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