



Heavy-Duty, Automatic Single Compactor with Rotating Mold

The Humboldt Automatic Marshall Compaction Machine is designed to provide a stable and rigid mechanism for producing 4" or 6" diameter asphalt pills used in Marshall tests. The heavy-duty design stands up well to the constant jarring caused by the compaction process. The Humboldt Compaction Machine features a rotating mold mechanism and a hammer with a beveled foot, which together produce a kneading action when producing test pills. The machine's automatic counter allows the operator to preset the number of blows wanted and will turn off the machine when completed. After the number of blows has been set, the operator can start the machine with a push button and keep track of the number of blows on an LED readout. The counter can be operated on either 115V/60Hz or 230V/50Hz, switchable inside the cover. A cam-action lever operates the integral mold holder to facilitate insertion and removal of the stability mold.

Machines can be ordered as 4" or 6" machines, but can be altered to easily accommodate the other size by purchasing a hammer and test molds of the desired size. Each machine includes: the mechanical compactor, an automatic counter, tapered-foot hammer assembly for rotating mold models or a flat-foot hammer assembly for the stationary mold models, (1) stability mold, and (1) package of paper discs. Shipping wt. 400 lbs. (181.4kg). Complies with ASTM D6926, D5581, AASHTO T245 and PTM705

Heavy-Duty, Automatic Single Compactor with Rotating Mold

Description	Model
For 4" diameter specimens. 115V 60Hz	H-1364R
For 6" diameter specimens. 115V 60Hz	H-1366R
For 4" diameter specimens. 230V 60Hz	H-1364R.2F
For 6" diameter specimens. 230V 60Hz	H-1366R.2F
For 4" diameter specimens. 230V 50Hz	H-1364R.5F
For 6" diameter specimens. 230V 50Hz	H-1366R.5F

Heavy-Duty, Automatic Single Compactor with Stationary Mold

Identical to the machines above except these have a stationary mold (non-rotating) and use a flat bottom hammer.

Heavy-Duty, Automatic Single Compactor with Stationary Mold

Description	Model
For 4" diameter specimens. 115V 60Hz	H-1364
For 6" diameter specimens. 115V 60Hz	H-1366
For 4" diameter specimens. 230V 60Hz	H-1364.2F
For 6" diameter specimens. 230V 60Hz	H-1366.2F
For 4" diameter specimens. 230V 50Hz	H-1364.5F
For 6" diameter specimens. 230V 50Hz	H-1366.5F