

## Automatic Marshall Compactor for Bituminous Mixes



It is a motor-driven mechanical compactor useful for compaction into 100 mm Dia moulds. It is fitted with a compaction rammer of 98.5mm Dia, weighing 4.535 kg. with a free fall of 457 mm. The rammer assembly is provided with a ratchet and pawl arrangement to lift it from the top of the test sample. When the rammer reaches the required height the pawl release the rammer which falls freely on the test specimen. The release mechanism is connected by an arm moving up and down which is connected to a reduction gear coupled to the motor through another arm. An automatic blow counter fitted to the compactor is used to set the number of blows. The Compactor is supplied complete with a wooden pedestal. Suitable to work on 220V, 50 Hz, AC single phase.

The **Automatic Marshall compactor** has been designed to simulate hand compaction as described in ASTM D1559. This apparatus automatically compacts the sample and stops after a preset number of blows has been completed. The Compactor gives Uniformly and accurately compacted marshal moulds for reliable testing.

Vertex **Automatic Marshall compactor machine** is designed to provide a stable and rigid mechanism for producing 4" & 6" diameter asphalt pills used in Marshall tests.

<b>REF. STANDARD</b>	ASTM D1559,ASTM D6926, D5581,AASHTO T245, MS2, IRC
<b>COUNTRY ORIGIN</b>	Indian
<b>MAKE / OEM</b>	VERTEX
<b>MODEL</b>	VSLIC-B134

## FEATURES

- Both versions feature automatic control and a reliable rammer lifting device.
- High-resolution graphical display 128×80 pixels and 6 keys membrane keyboard.
- Noise reduction cabinet available.
- CE versions complete with safety guards for operator protection and emergency stop button.



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