

## DATA SHEET

# Automatic Impact (Marshall) Compactor, EN



76-B4432 with mould

## General description

The apparatus automatically compacts 4" diameter specimen and stops after the preset number of blows. The 4" mould is held in position by a quick and practical clamping device. The trip mechanism is arranged so that the sliding hammer falls at the same distance for every blow. The compactor includes the laminate hardwood block and vibrated concrete base 450x450x200 mm.

All moving parts are protected with safety guard, which stops automatically the compactor when opened, and the control panel is fit with an emergency stop red button, all conforming to CE prescriptions.

The compactor can be factory installed inside the 33-T3712/CB Noise reduction and CE security cabinet. See accessories.

## Main features

- Automatic control
- Complete protection for operator safety to CE prescriptions
- High resolution graphical display 128x80 pixels and 6 keys membrane keyboard
- Improved rammer lifting device, constant height fall, modern and reliable design
- User friendly rammer replacement system
- Noise reduction and security cabinet available on request.

## Standards

- EN 12697-10
- EN 12697-30

## Specifications

Power rating: 800 W

Blows frequency: 50 blows in 55/60 s

Sliding mass weight: 4535 ± 15 g

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Total hammer weight: 7850 ± 50 g

Free fall height: 457 ± 3 mm

Laminated hardwood block: 200x200x450 mm, density 670 to 780 kg/m<sup>3</sup>

Concrete base (included): 450x450x200 mm

Overall dimensions: 540x556x2066 mm

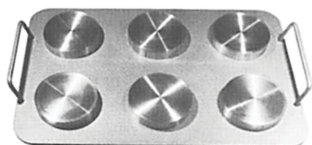
Weight approx.: 270 kg



76-B4432, detail of lifting mechanism



76-B4432, detail of clamping mechanism



76-B0043\_4 Storage plate

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Noise reduction and security cabinet for automatic Marshall ASTM and EN compactors model 76-B4000/CB

### Products

**76-B4432**

Marshall impact automatic compactor. 230V/50Hz/1ph- Conforming to EN 12697-10 and 12697-30

**76-B4433**

Marshall impact automatic compactor. 220V/60Hz/1ph- Conforming to EN 12697-10 and 12697-30

**76-B4434**

Marshall impact automatic compactor. 110V/60Hz/1ph- Conforming to EN 12697-10 and 12697-30

### Accessories and consumables

**76-B0042/1**

Steel block 100 mm dia x 50 mm height

**76-B0043/4**

Storage plate

**33-T3712/CB**

Noise reduction cabinet for CBR-Proctor universal compactor series 33-T371x and Marshall compactors 76-B444x, B443x and B446x