

B026N

PaveMix - Matest made

Automatic Asphalt Large Laboratory Mixer, 32 litres capacity

STANDARD: EN 12697-35 / ASTM D6307 / AASHTO TP53

The PaveMix has been expressly designed to prepare homogeneous bituminous mixtures at a strictly controlled temperature. The preparation of the bituminous sample is obtained in a short time period (few minutes) to avoid any mechanical aggregate degradation and to fully coat all mineral components, as requested by EN 12697-35.

The mixer produces representative samples to perform:

- Gyrotory compaction tests (EN 12697-10, EN 12697-31)
- Marshall stability tests (EN 12697-34, EN 13108)
- Wheel tracking wet and dry tests (EN 12697-22)
- Slabs compaction laboratory tests (EN 12697-33)
- Beam fatigue and Stiffness tests (EN 12697-26, EN 13108)
- Asphalt general purpose tests.

PaveMix consists of:

- Main frame holding a horizontal stainless steel bowl with a helical mixing shaft.
- The bowl, double wall insulation made of stainless steel AISI 316, contains an electric heater with probe sensor granting constant and uniform temperature control.
- An electromechanical motion allows to tilt the bowl to get easy the unloading operation.

The control panel foresees:

- Digital thermo regulator to set temperature and to control the mixing temperature.
- Mixing speed regulator.
- Main and start/stop switches.
- Command to tilt the bowl.

Technical Specifications and features:

- Mixing capacity: 32 litres max.
- Mixing bowl: stainless steel AISI 316
- Mixing temperature: selectable from ambient up to 260°C through sensitive probe and digital display control.
- Mixing speed: adjustable from 4 to 40 rpm.
- Easy tilting unloading operation by electromechanical motion.

Heating power: 3000 W

Power supply: 230V 1ph 50/60Hz 4500 W

Dimensions: 1280 x 700 x h1210 mm

Weight: 350 kg



Bowl detail: open and tilted

