

BBMAX : LABORATORY MIXING

Laboratory mixing of bituminous materials for the manufacture of specimens. 25Kg or 80Kg version



EN 12697-35

Device qualified mlpc®

NF P98-250-1

Description

The BBMAX mixer, which complies with the EN 12697-35 standard, is used to prepare homogeneous samples of bituminous mixes in the laboratory with a view bituminous mixes to subjecting them to subsequent tests on a compaction table, a wheel Tracker, a gyratory compactor, module measurement and fatigue testing. Mixing is epicyclic type.

The tool holder arm is driven directly by the shaft motor, while the eccentric tool has its own rotation. The tool is an Archimedean screw.

A blade attached to the tool arm completes the mixing action by holding the materials in the tool's path. The tank is housed in a casing containing the electrical heating resistors and an insulating layer. A BBMAX is available in 80 kg and 25 kg versions.



Highlights

◀ **Mixing efficiency**

- Mixing time generally less than 3 minutes.
- Large quantity (80 kg or 25 kg) in 1 mixing.
- Timer on mixing.
- 2 speed and single shot mode.

◀ **Temperature control**

- Temperature control of the tank.
- Adjustable control.
- Energy efficient.

◀ **Vertical mixing**

- Easy to clean tools and tank.

◀ **Durability**

- Units with service times exceed of 20 years.

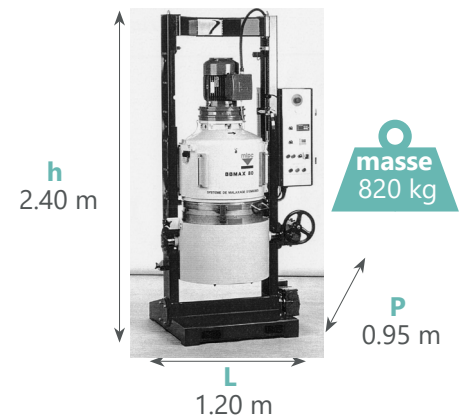


Features

Mixer BMAX80

Usable capacity	80 kg
Motor speed	750 and 1500 tr/min
Speed of the tool holding arm	20 and 40 tr/min
Tool speed	52 and 104 tr/min
Motor power	2.2 and 3.3 kW
Heating power	6 kW
Control range	50 and 250°C
Control accuracy	± 5°C

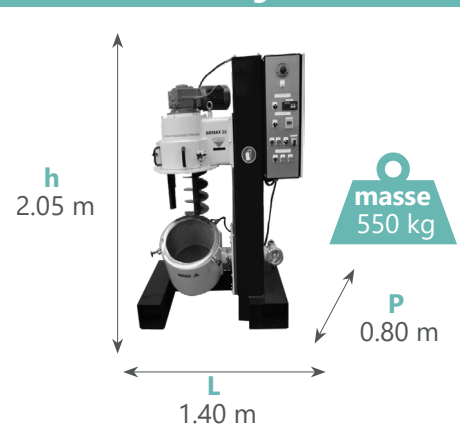
Dimensions & weight BMAX 80



Mixer BMAX25

Usable capacity	25 kg
Motor speed	1500 to 3000 tr/min
Speed of the tool holding arm	32 to 64 tr/min
Tool speed	90 to 180 tr/min
Motor power	1.5 and 2.2 kW
Heating power	3 kW
Control range	50 to 250°C
Control accuracy	± 5°C

Dimensions & weight BMAX 25



BMAX 80, for more extensive work



BMAX 25, ideal to smaller homogeneous samples