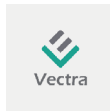
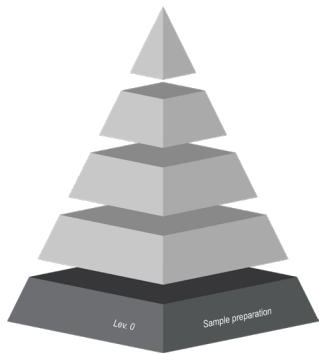


BBPAC : LARGE COMPACTOR - PNEUMATIC TYRED ROLLER

Uniform compaction of parallelepiped specimens (slabs) of bituminous mixtures



EN 12697-33

MTQ LC 26-400
CSA qualification
NF P98 250-2

Working principle

Laboratory apparatus allowing the production of homogeneous slabs of hydrocarbon materials, according to the NF P 98-250.2 standard.

The material, placed in a parallelepipedic mould, is subjected to the action of a wheel or a coupling which can have vertical movements (with application of a preset variable load), longitudinal (at constant speed), transverse (imposed or free positions).

The bottom of the mould is mobile to hold the upper part of the material in the rolling plane. The pre-compaction, compaction and surfacing phases are carried out successively by varying the settings of the machine.

The opening at the front of the compactor frame allows easy handling of the moulds.



Highlights

- ◀ **Durability**
→ Demonstrates longevity, with units exceeding life cycles of over 20 years.
- ◀ **Flexibility**
→ Compacting in both free and locked mode.
→ Programming of number and type of passes.
- ◀ **Security**
→ Integration of several security levels.
- ◀ **Visibility**
→ Clear view of compaction.
- ◀ **Rapidity**
→ Distinguishes itself by its speed of compaction, which represents a significant operational time saving for the operator.



Features

Mechanical/electrical features	
Compaction time of a slabs	On average 20 minutes.
Average dispersion as a function of percentage void	$\sigma = 0.125 (V \%)$ where $V \%$ = plate void content expressed in %.
Useful dimensions of the resulting slabs	L = 0,60 m ; l = 0,40 m ; 0,025 ~ h ~ 0,15 m, L = 0,50 m ; l = 0,18 m ; 0,025 ~ h ~ 0,15 m.
Pneumatic	Single or twin mounted, smooth profile
Capacity	2500 W
Load capacity of the tyre inflated to 7.105Pa	520 daN
Nominal pressure	7 bar, 0.7Mla
Dimensions and weight BBPAC	
Compactor	L = 1,70 m ; p = 1,30 m ; h = 1,10 m
Console	L = 0,80 m ; P = 0,55 m ; h = 1,10 m
Compactor weight	950 kg
Lectern weight	80 kg

Standard equipment

The plate compactor comprises :

- An equipped cabinet,
- Control panel,
- Pehause and mold for rutting test.

Accessories and spare parts

Fatigue option (extension, mold and double hub).

