



ROULAGE "METODO MAZAUD"

- ONLY ONE TOOL FOR TWO TESTS:**
- "MAZAUD METHOD" ROULAGE
- OPTION WITH KIT FOR "CSTB CAHIER 3735-ROULAGE LOURD" TEST

- POINTS OF STRENGTH AND INNOVATIVE TECHNICAL SOLUTIONS:**
- RUNNING WITH INNOVATIVE TECHNIQUES
- IMPORTANT SOLUTIONS COVERED BY PATENT (NO. FI2015U000024)
- SIGNIFICANT COST SAVINGS TO RUN NO. 2 TESTS WITH A SINGLE TOOL

TECHNICAL CHARACTERISTICS:

The "Roulage" tool is made up of:

1. A 300x300 mm specimen bearing plate, perpendicular to a vertical axis, rotating in a horizontal plane at a speed of 93 +/- 2 revs/min activated by a constant speed motor.
2. A vertical axis free to translate vertically perpendicular to the support plate of the specimen on which is installed a wheel bearing group which can rotate on its vertical axis. The axis supports the standard load of 590N +/- 2 N.
3. Pneumatic lifting system with pressure adjuster and up-down control valve.
4. Cooling and cleaning of the wheel integrated into the wheel bearer with flow regulator and open-close manual valve.
5. A roller bearer group with the wheel free to rotate and oscillate on the rotation plane (patent pending).
6. The wear wheel is manufactured of AISI 304 stainless steel with a surface hardness of 260 HV +/- 30, diam. 50 mm, and width 25 mm.
7. A powder suction system that must be connected to an aspirator.
8. A simple and rapid specimen blocking system.
9. The electrical control panel is provided with an inverter with display to show the rotation speed, panel potentiometer for adjusting the speed, rev. counter for the stop programmed to the number of the selected revs (22,320 revs), start/stop, positioning of the plate at low speed.
10. Steel frame painted with epoxy protective impact-resistant polycarbonate.

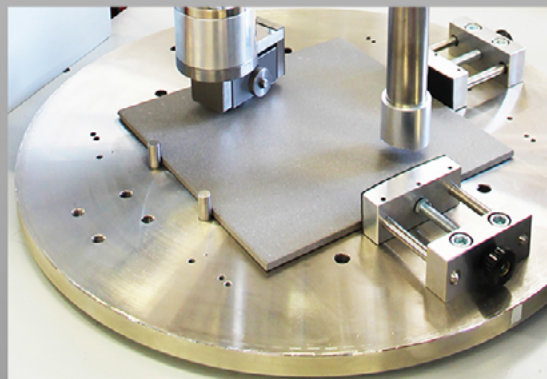
KIT FOR CSTB- ANNEX5 ROULAGE LOURD VERSION:

The operator, with a few and quick manoeuvres can adapt the machine as follows:

- a. Isolates the excess mass, with a simple accessory (patent pending), to obtain the 250 N applied load.
- b. Change of the wheel bearer for the diam. 50 mm, width 20 mm, cast iron wheel.
- c. Varies the locking system of the specimen for the 400x400 mm. concrete plate.

The main TECHNICAL SOLUTIONS PROTECTED BY PATENT:

1. The oscillation of the wheel according to a horizontal axis orthogonal to the axis of rotation of the wheel that allows obtaining the maximum grip on any surface.
2. Cooling system and integrated cleaning in the wheel bearer.
3. When Annex 5 is run, the excess mass isolates without removing it from the machine, so that there is no need of any action by the operator to remove the excess mass during the change from Annex 10 to Annex 5 or vice versa.



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