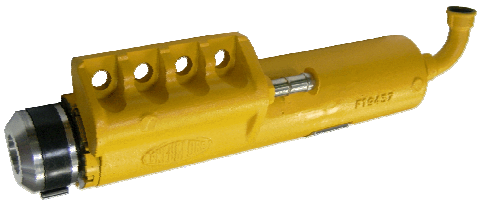
FREQUENCY MONITORING SYSTEM CFNG

MAKE SURE YOUR DECORING HAMMERS ARE OPERATING CORRECTLY THANKS TO AN ELECTRONIC FREQUENCY MONITORING SYSTEM, THE CFNG



THERE IS A DIRECT RELATIONSHIP BETWEEN THE STRIKING RATE AND THE WEAR CONDITION OF THE DECORING HAMMERS.

In order to foresee the occurrence of possible failures and verify hammer performances, O.P. GLOBE has developed and fine-tuned a New electronic frequency controller which allows a continuous follow- up of the operating condition of your hammers..

OBJECTIF

VERIFY THE PERFORMANCES OF DE-CORING HAMMERS BY MEASURING THE REGULARITY OF THE STRIKING RATE AT AN APPROPRIATE UTILIZATION FREQUENCY.

IMPLEMENTATION

- **Air exhausting from a hammer is channeled and directed to a sensor which transforms the air flow signal into digital information.**
- **A connecting cable transmits this information to an electronic card located generally in the power box or the control unit of the sand removal cabinet.**
- **The electronic card contains a calculator and a display which permanently indicates the average striking frequency of the hammer while in operation.**

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OUTILS DE PRODUCTION

Siège social et services commerciaux :
143, avenue du Général de Gaulle – B.P. 102
92252 LA GARENNE COLOMBES CEDEX

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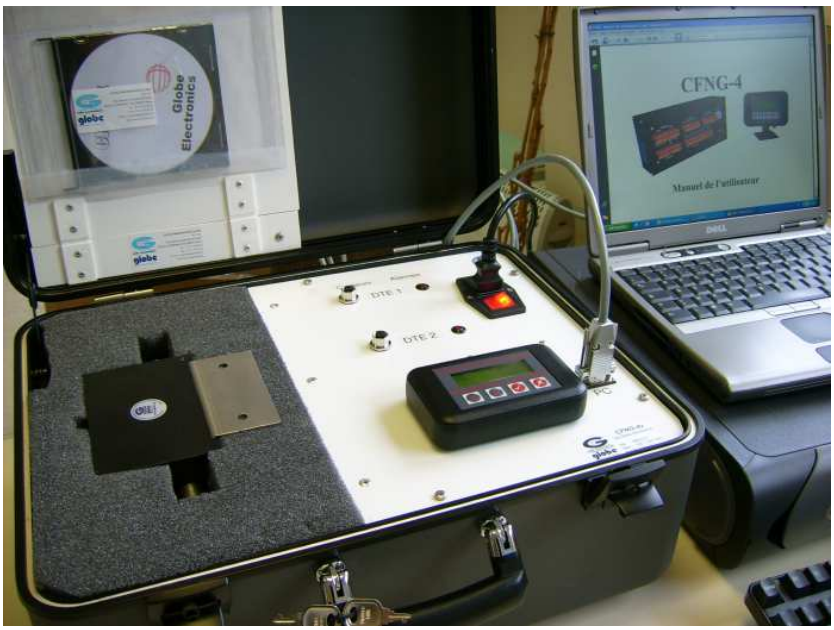
OTHER ADVANTAGES OF THE O.P. GLOBE CFNG FREQUENCY CONTROLLER

- **Starting from the nominal striking frequency expected from the hammer, the maximum and minimum allowable striking frequencies may be programmed directly on the electronic card.**
- **The electronic card has a 4/20 mA output, an alarm contact and a RS 485 bus link.**
- **The thus-transmitted information will allow triggering an alarm in the event where a de-coring hammer should operate abnormally, which is characterized by an over- or under-ranging of the maximum or minimum frequency thresholds, respectively, programmed on the electronic card.**
- **The measured striking frequencies may also be retrieved and stored to a PC to assure a traceability of the sand removal process.**

TRANSPORTABLE VERSION

- **The CFNG is available in transportable version. Check the good operating of hammers so occasionally.**



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