

Brecon Vibrationstechnik GmbH, 50933 Köln, Germany

## The lightest quick-release-clamp vibrator of its class

Quick-release-vibrators are used wherever many moulds exist, but where each individual mould is used only rarely. The new Slim2 quick-release-vibrator by Brecon is characterised by a reduction in weight of 25 % and outstanding handling. Quick-release-vibrators from the Slim2 series offer the possibility to change vibrators quickly and easily from one mould to the next and have long since found their place in concrete compaction.

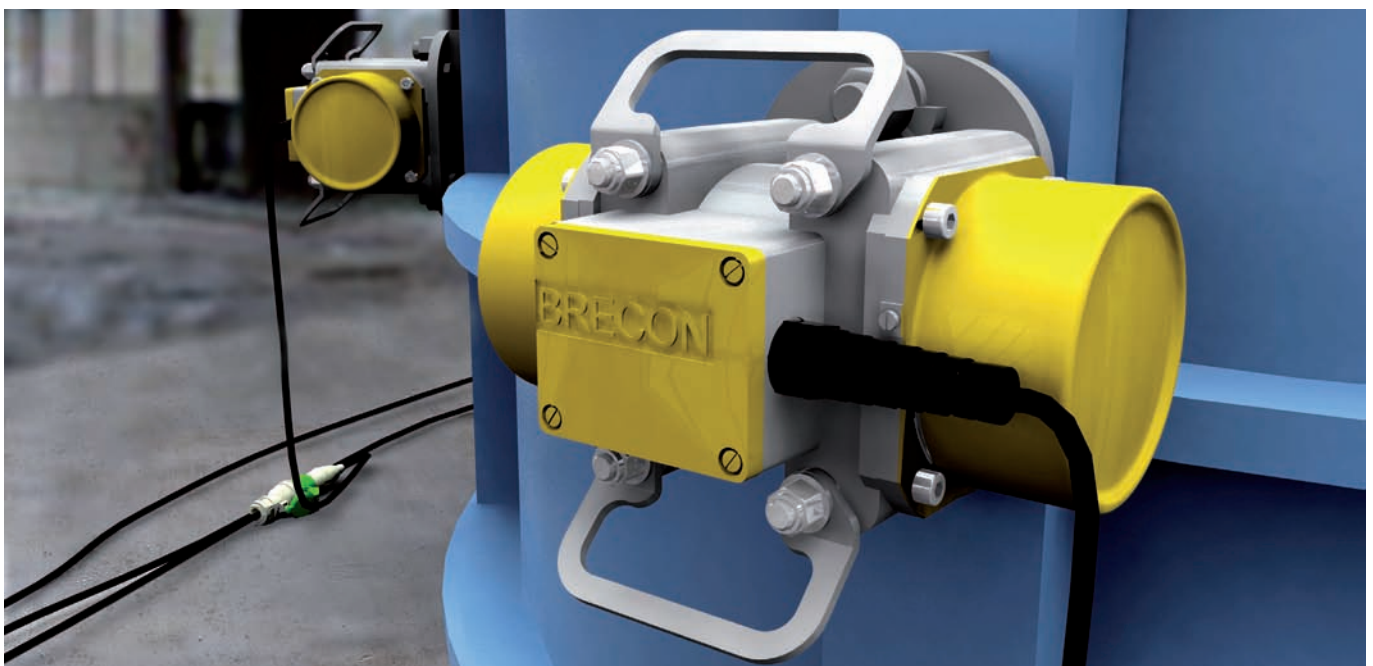
The Slim2 vibrators are normally powered via a mobile frequency converter, in which the distribution and motor protection is integrated. If necessary, holders for the transport of the Slim2 vibrators and the exten-

sion cables can also be provided on the mobile controller. This way, large mould pools can be operated with a small number of vibrators. However, conventional quick-release-vibrators are difficult to handle

when changing from mould to mould, mainly because of their weight. Furthermore some systems on the market carry the risk that the clamp can come loose during the operation.



*Slim2 quick-release-clamp vibrator as part of a mobile vibration system*



*The Slim2 weighs 25 % less than comparable devices*

### Light and handy

The new Slim2 quick-release-vibrator reveals its mobility at first glance. At second glance, the comprehensive improvements to the quick-release-vibrator become clear, with 14 kN and 6000 rpm. The Slim2 weighs only 18.9 kg - a good 25 % less than comparable devices. Due to the low weight and the handles, which are optimised for transport, a worker can move two Slim2 vibrators from mould to mould at the same time.

The ergonomic arrangement of the handles also enables a smooth work process when

placing the vibrators on the mould. All components of the Slim2 that can come into contact with clothing are rounded in order to avoid injuries or damage. The vibrators can be fitted quickly and securely, whereby the tried-and-tested quick-release-clamp mechanism used for many years for Bosch vibrators has been retained as a matter of principle. Optimisation has been achieved by the development of a new motor housing that enables the entire Slim2 vibrator to be given a more compact design.

As opposed to the increased noise developed by other quick-release-clamp systems,

the Slim2 vibrator does not generate any more noise than a permanently installed vibrator. In the SL-Vibrator version (Synchronous Running Vibrator) it even enables the familiar noise reduction. The new quick-release-clamp vibrator can be integrated without problem in existing or new vibration systems. ■



*The change from one mould with, for example, 12 vibrators to the next mould can be accomplished in 10 - 15 minutes – considerably faster than with other quick-release-clamp systems*

#### FURTHER INFORMATION



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