



PRESS RELEASE

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Dynapac's Seismic Innovation: Eliminates Guesswork and Perfects Compaction Results

Increase productivity, quality and operator well-being. Reduce costs, fuel consumption and CO₂ emissions.

Dynapac's SEISMIC technology, known for its effectiveness in soil compaction, eliminates guesswork for operators, allowing them to focus on meeting compaction requirements. Building on this success, Dynapac has adapted SEISMIC for hot asphalt, to handle the unique characteristics of asphalt mixes.

SEISMIC will do the job for you

The intelligent SEISMIC system improves compaction performance significantly compared to conventional compaction carried out at fixed frequency. SEISMIC automatically detects the optimum compaction frequency and continuously adjusts according to the resonance frequency of the drum and ground, as well as changes in the asphalt temperature. In fact, the system can adjust the machine settings as often as 5 times per second. A Dynapac SEISMIC ASPHALT machine adjusts both the rear and front drum simultaneously, making the machine even more effective compared to other machines on the market. SEISMIC ASPHALT uses smart technology and sensors so the operator can get in the machine, set it and forget it. With a fully

automatic system like SEISMIC no additional training is required – the system will do the work for you.

Benefits of working smarter

Advantages of SEISMIC ASPHALT include high-quality compaction, improved operator comfort and up to 25% fuel savings when working in combination with EcoMode. As a result, this helps in reducing the CO₂ emissions by up to 25%. Additionally, noise levels are lowered due to lower frequency and a potential overall reduction in the number of passes required to complete the job.

Less vibration goes hand in hand with reduced wear and tear and thus lower maintenance and repair costs as well as increased lifetime of the machine. SEISMIC ASPHALT is not only about the compaction results. The lower frequency, noise and vibrations make for a much more comfortable working environment, both for the operator and the wider surroundings.

Road-tested and approved

Dynapac's SEISMIC ASPHALT system has undergone extensive in-house and field testing, showing it operates at lower frequencies, reducing energy and fuel consumption while maintaining excellent compaction performance. The system benefits the environment, efficiency, and operator well-being, and is available for CC2200 VI – CC6200 VI, CO2200VI-CO6200VI & CX8 & CX9 rollers including combi variants.

For more information or to schedule a live demo, visit www.dynapac.com or contact your local Dynapac representative.

Dynapac is a leading supplier of high-tech soil and asphalt rollers, light equipment, and pavers committed to strengthening customer performance by being a partner on the road ahead. Dynapac is represented worldwide via its regional sales- and service offices and cooperates with an extensive and professional distribution network. Headquartered in Wardenburg, Germany, Dynapac has production facilities in Europe, South America and Asia. Dynapac is part of the FAYAT Group.

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