DYNAPAC

SEISMIC COMPACTION REINVENTED

A SEISMIC SHIFT IN COMPACTION

SEISMIC



DYNAPAC
FAYAT GROUP

dynapac.com

DYNAPAC SEISMIC DOES IT DIFFERENTLY

SEISMIC

A SEISMIC SHIFT IN COMPACTION

- Reduce carbon footprint by up to 55%
- Increase productivity by up to 40%
- Up to 55% less fuel required to complet the job

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 adjust accordingly. Thanks to the SEISMIC system we can offer a reduction of the number of compaction passes up to 30%. Additional savings in fuel consumption with 35% in combination with ECO-mode providing significantly lower running costs, while sparing the environment. In total these saving parameters will sum up to an expected saving of up to 55% less fuel required to complete the job.



INNOVATIVE TECHNOLOGY

SEISMIC DOES IT DIFFERENTLY

Conventional vibratory compactors deliver a rapid succession of impacts to the soil surface at a frequency that is either pre-set at a high or low amplitude or at a frequency that is adjusted manually. Dynapac Seismic does it differently. Since the drum and the soil act as one dynamic system, several benefits can be found from the system's natural frequency.

At the natural frequency, the drum amplitude is enhanced significantly, since energy is automatically fed to the system at exactly the right time. This, in turn, maximizes the contact force between the drum and the ground, yielding maximized compaction and energy efficiency. The best compaction parameters guarantee an optimal output. A machine that can determine the soil's characteristics and then automatically interact with them, will make the world of difference in compaction.



SEISMIC

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SEISMIC INNOVATION BY DYNAPAC



Increase Productivity by up to 40%

Use SEISMIC to get paid for 6356 f3 more!

Reduce Carbon footprint by up to 55%

Use SEISMIC to save 61.7 lbs CO2 per year and machine

Up to 55% less fuel required to complete the job

Use SEISMIC to save 22.96 USD per year and machine

Potential customer savings calculated per year and machine.
For more information visit the SEISMIC page (QR code at cover page).



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SEISMIC is a patented compaction technology available for CA1500-6500