



PRESS RELEASE

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Digitalize your construction site

Highest efficiency and traceability as the Key to Success – The Dynapac NEXUS Job Site Documentation Suite

How can a perfect machine become even more efficient? By fully integrating it into the construction process and making it benefit from big data. The Dynapac NEXUS Job Site Documentation Suite not only optimizes planning and execution but also ensures precise recording and real-time analysis of all relevant data in soil compaction and asphalt construction.

The load-bearing capacity and stability of earth and asphalt layers heavily depend on precise construction execution. To support our customers, Dynapac now offers the Dynapac NEXUS job site documentation suite for all Dynapac machines and even for 3rd party equipment's from other OEMs.

This easy-to-use system supports construction managers throughout the entire process, including compaction, asphalt planning, temperature control, compaction control and more – providing comprehensive planning and reporting capabilities. Of course, all data is available in real time.

Two-in-One – NEXUS Connectivity Kit

The core of Nexus is the so-called Nexus Link Module. During pre-installation, all machine-specific settings are stored in there, allowing seamless usage of the same Nexus Display on several machines without any manual setup in daily use.

One for All – Modular Concept for Retrofitting a Mixed Machine Fleet

Nexus is built as a modular system: Specific applications are available for each machine type – pavers, asphalt rollers, and soil rollers – along with custom-tailored sensors and accessories. This allows you to optimally equip each machine for its intended application or flexibly expand an existing pre-installation as needed. In the end, all data can be evaluated and processed together – in real time.

The following sensors and accessories are available through Dynapac:

- **3rd Party Preparation Kits** – Not a Dynapac machine? Not a problem! Machines from other brands can be seamlessly integrated.
- **Compaction Sensors** – Synchronize compaction measurements across the fleet, delivering precise double jump detection, frequency analysis and Compaction values in mN/m^2 .
- **Truck Recognition** – Automatically identify the trucks in front of the paver or feeder to automate your logistic documentation
- **Truck Temperature** – Precise values and advanced algorithms to calculate the temperature per truck during unloading.
- **Thermal Mapping Kit for Pavers** – Provides accurate thermal mapping data immediately behind the screed.

Data access the way you need it – Powerful software tools

The Nexus System is based on four main pillars: Beside hardware on the machines at powerful cloud architecture, called Nexus Cloud, and powerful software tools, NexusWeb and NexusDoc are key to offer a full line software solution. NexusWeb is a powerful web app allowing you project planning, live project tracking, and real time target setting, while the NexusDoc desktop app gives you advanced civil engineering tools on hand and allows extensive modular project reporting.

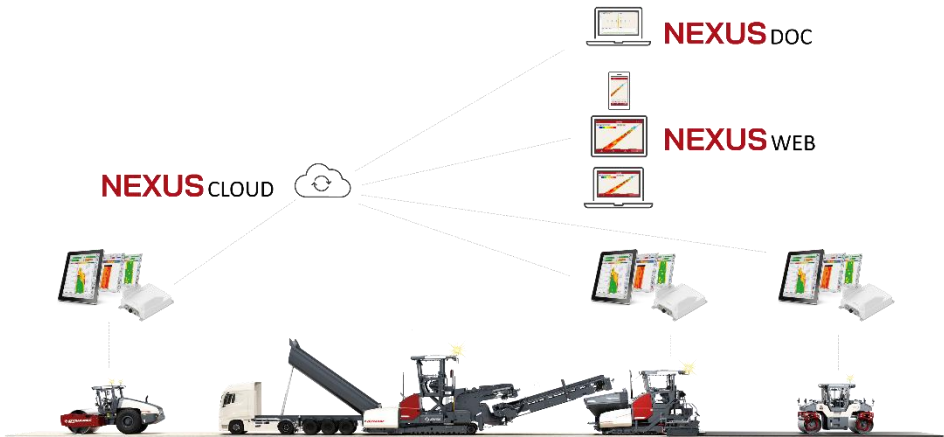
For more information and additional options, please feel free to contact us. The NEXUS Navigator range is available through Dynapac's global dealer and distribution network. For more information or to schedule a live demo, visit www.dynapac.com or contact your local Dynapac representative.

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.

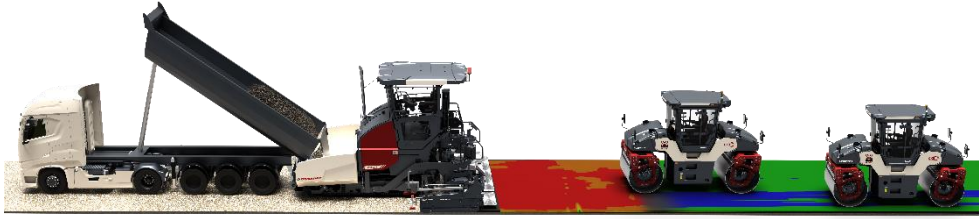
Images:



Caption: Nexus Connected Fleet



Caption: Nexus Network



Caption: Nexus Paver Train Asphalt Thermal Heat Map and Compaction Pass Count Map



Caption: New Generation XD25 110C with Nexus Heat Map.