



PRESS RELEASE

For further information please contact:

Marten Buse, Global Product Manager City & Electric Paver

Email: marten.buse@dynapac.com

Ph. +49 152 03246709

January 2025

Z.ERA – For an Emission-Free World

World Premiere of the Dynapac Electric Highway Paver SD25 80C e

Dynapac is proud to present the prototype of its first fully electric highway paver, the Dynapac SD25 80C e, at BAUMA 2025. This machine sets new standards in emission-free road construction.

Maximum Efficiency and Reduced Costs. Compared to diesel-powered machines, the new generation electric paver is much more energy efficient. This improvement not only supports more sustainable operations but also significantly reduces operating costs. Construction companies benefit from lower energy and maintenance costs as well as enhanced competitiveness in tenders.

Environment and personal health in focus – Reduced noise emissions

The Dynapac SD25 80C e not only ensures significantly improved air quality but also achieves up to 20% noise emission reduction – a critical advantage for construction projects in sensitive urban areas and massively increasing the operator comfort while working with the machine. The operators can enjoy full silence once the machine stops with having all systems still active.

Same same, but different - Versatility and Performance

The new SD and XD paver series are designed to have alternative drive concepts in focus. The SD25 80C e is the first derivative of a future, emission free portfolio. Compared to the non-electric version, the operators do not need to compromise on any function or performance.

Setting standards - Powerful Batteries and Charging technologies

The Dynapac SD25 80C e is equipped with a battery capacity of 294 kWh, utilizing proven technology from the SD1800W e City Paver. The well-known power of electric drives comes to a peak in the SD25 80C e: With up to 235 kW of power delivered by five electric motors, paving operations can run uninterrupted for up to 8 hours – ideal for average construction site needs.

The electric auger is up to 27% more energy-efficient, and the electric conveyor is nearly 40% more efficient compared to conventional hydraulic drives, further optimizing energy usage. On top the machine is compatible with charging standards including DC fast charge with up to 235 kW.

Efficiency is key - Screed Heating without using the battery

While connected to the grid, the Dynapac SD25 80C e can heat the screed directly without relying on its battery, ensuring seamless operation and energy efficiency. As Marten Buse, Product Manager Paving, explains:

“Our goal is to make operating electric pavers as intuitive and convenient as in conventional models. The Dynapac ‘Bypass’ system is a perfect example of our commitment to creating smart and customer-focused solutions. It enables screed heating directly from the grid, while charging the paver. This not only maximizes efficiency but also simplifies operations for users.”

JOURNEY 2030 – Sustainability Goals and Future Vision for Dynapac

Our mission is to offer 50% of our products fossil-free by 2030, helping us achieve our sustainability goals while also supporting customers in meeting stringent emission regulations in tenders. Dynapac’s commitment to innovation and sustainability ensures we are leading the way towards a cleaner, more efficient future in road construction.

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.