



## Press release

For more information

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European market premiere for Dutch infrastructure sector

Europe's first fully electric highway asphalt pavers Dynapac SD25 80C e have been delivered directly from the factory. A major step towards scaling up zero-emission construction equipment.

This month, three Dutch infrastructure companies will put Europe's first fully electric large asphalt pavers into operation. Never before have electric asphalt pavers of this size been delivered directly from the factory.

The infrastructure companies Mourik, Van Gelder and Heijmans will deploy the machines. The machines are being built and supplied by Dynapac in cooperation with the importer Van der Spek from Vianen. The delivery of three machines, one for each construction company, marks an important step in making the Dutch infrastructure sector more sustainable.

These machines are the largest possible variant of highway pavers with a laying capacity of 800 t/h and can be used for resurfacing highways. Smaller electric models, such as the electric City Paver SD1800W e designed for urban road applications, had already been available as factory-built solutions. This machine can be deployed in the major replacement and renovation projects within Dutch

infrastructure, whose maintenance backlog was recently estimated at a total of €34.5 billion.

### *In-house conversions*

Unlike previous solutions, where diesel-powered machines were retrofitted into electric versions by third parties, this highway paver is the first to be purpose-built and engineered from scratch as a fully electric machine itself.

This makes scaling up zero-emission equipment significantly easier. By the end of 2026, the machine will also become available to other companies.

A machine can operate on battery power for eight to ten hours, effectively a full working day with one charge of the 294 kWh Battery. Recharging takes 40 minutes charging time via DC. The SD25 80C e can be charged by AC and DC standard chargers and additionally by Marechal for flexible recharging with standard jobsite supply. The paver has an overall energy efficiency of 65% due to 5 Electric Drives.

### *Importance for the Netherlands*

Asphalt plays an important role in Dutch infrastructure. It forms the foundation for roads, airport runways and taxiways, and contributes to strengthening dikes. As such, asphalt is of major importance for the accessibility, safety and economic continuity of the Netherlands.

The use of electric asphalt pavers directly contributes to reducing emissions such as nitrogen oxides and CO<sub>2</sub>. In addition, this development reduces dependence on expensive fossil fuels such as diesel. This aligns with the broader ambition of all participating companies to provide environmentally friendly solutions.

### *Joint development*

The development of the electric asphalt paver is the result of intensive cooperation between clients, supplier and manufacturer. In January 2024, the five companies decided to collaborate. In March of that year, Heijmans, Mourik and Van Gelder jointly commissioned the factory development of the machine. In April 2025, the prototype was presented at BAUMA in Munich, after which extensive field tests and evaluations followed during the second half of 2025.

*Heijmans is a listed company that combines activities related to property development, construction & technical services and infrastructure in the fields of Living, Working and Connecting. Our constant focus on quality improvements, innovation, and integrated solutions enables us to generate added value for our clients. Heijmans realises projects for home buyers, companies and government entities and together we are building on the spatial contours of tomorrow.*

<https://www.heijmans.nl/en/>

*Mourik is one of the largest family-owned companies in the Netherlands. The company has existed since 1933, and they are active in the fields of infrastructure, industrial services, construction, and environmental engineering. Across all these activities, safety, sustainability, and innovation are the guiding principles behind everything they do. Worldwide, Mourik has more than 2,200 employees and a turnover of €781 million.*

<https://www.mourik.nl/>

*Van Gelder is a full-service infrastructure partner for the Netherlands. With infrastructure solutions, they contribute to the smart, sustainable, and safe public spaces of the future. Van Gelder is a Dutch, financially independent company with more than 2,350 employees and over 100 years of experience.*

<https://www.vangelder.com/>

*Van der Spek Vianen B.V. is a leading partner in the sales, rental, and servicing of machinery for earthmoving, road construction, high-rise construction, recycling, material handling, and concrete applications.*

*Founded in 1932, the company has evolved into a stable yet dynamic organization with a strong focus on innovation and market-driven development. Backed by decades of industry experience, an extensive product portfolio, and comprehensive technical expertise, Van der Spek provides reliable and tailored equipment solutions to meet the evolving needs of its customers.*

<https://vanderspek.nl/>

*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.*

<https://www.dynapac.com>

