



Paving project in Brigachtal, Baden-Württemberg: the lead contractor deployed a Vögele SUPER 1803-5 X wheeled paver for the resurfacing of heavily used asphalted roadways in the recycling yard.

IMAGE SOURCE: WIRTGEN GROUP

Wheeled paver resurfaces yard with winding roadways

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- The Vögele SUPER 1803-5 X wheeled paver was used to resurface a 700-m² metal recycling yard with complex, winding roadways and multiple manhole covers.
- Its Pivot Steer system and high maneuverability allowed precise work around obstacles, exceeding operator expectations.
- The Dash 5 generation features improved operator comfort, automated processes, and reduced noise and emissions.

- Enhanced usability is provided by the ErgoPlus 5 operating concept, optional Lighting Package Plus, and the AB 500 TV screed with hydraulic tamper stroke adjustment for efficient, high-quality paving.

The new generation SUPER 1803-5 X paver

The roadways of a metal recycling yard in Brigachtal, Baden-Württemberg are frequented by heavy goods vehicles on a daily basis. The lead contractor deployed a new **Vögele** SUPER 1803-5 X paver for the resurfacing of the asphalted yard. The agile wheeled paver demonstrated its particular advantages on the winding roadways of the site.

A time-window of just one day

Formerly a scrap merchant, today a commercial enterprise in the non-ferrous metals sector in the Black Forest: the roadways in the yard at Scholz Metall are severely stressed by continuous heavy goods vehicle movements. That is why the company commissioned Karl Müller Tief- und Straßenbau from Niedereschach to resurface the 700-m² site. The project specifications foresaw the paving of a high quality, two-layer asphalt pavement—a 6 to 8 cm binder course and a 4 cm surface course – within a time-window of just one day. Marco Müller, third-generation Managing Director, decided to use the new SUPER 1803-5 X wheeled paver from Vögele on the job.



The winding roadways and numerous manhole covers on the project site gave the agile Vögele paver an opportunity to demonstrate its particular strengths.

IMAGE SOURCE: WIRTGEN GROUP

The first wheeled paver of the Dash 5 generation

The first wheeled paver of the Dash 5 paver generation was presented at Bauma 2025. It combines the advantages of a wheeled paver—high manoeuvrability and mobility during repositioning—with the advantages of the Dash 5 paver generation: more operator comfort, automated processes, shorter setup times, and low noise and exhaust emissions. ‘The paver is impressively quiet and economical,’ says Marco Müller. ‘That’s a big thing for our paving crew and from a business perspective.’ With paving widths from 2.55 m to 8.25 m, its outstanding versatility makes it the ideal choice for a wide range of applications.

Paving around manhole covers

The complexities of the recycling yard were a challenging prospect for the paving crew: The roadways on the site have numerous corners, a number of narrow sections and ten manhole covers. 'On this job, the wheeled paver's manoeuvrability played a major role,' says Müller. Equipped with the Pivot Steer steering brake, the turning circle of the SUPER 1803-5 X can be reduced by more than 2 m. This made it easy to work around the manhole covers. 'The machine performed flawlessly—my expectations were even exceeded.'



New ErgoPlus 5 operating concept: Smaller steering wheel, clearer overview, more comfort, improved ergonomics and an optional touchscreen display for digital applications.

IMAGE SOURCE: WIRTGEN GROUP

Quickly deployable and easy to use

The clear and logically laid out operating concept of the Vögele paver was also a great help: 'We felt right at home on the machine straight away, and the operators could get started directly without extensive training,' says Müller. Compared to its Dash 3 predecessors, the ErgoPlus 5-operating concept offers a clearer overview, more comfort and storage options, improved ergonomics and an optional touchscreen display for digital applications. Vögele has completely redesigned the steering wheel in a more compact form that provides a clearer overview and makes it easier to use the function buttons.

Lighting Package for poorly lit areas

During the paving project at the recycling yard, new assistance systems and automated functions also proved their practical value by simplifying commissioning and certain paving functions and reducing setup times. These included, for instance, the optional Lighting Package Plus: When paving under roofs and in poorly lit areas, the permanently integrated lighting could be switched on as needed—with no extra installation effort required.



Dark areas on the project site: Amongst other things, the integrated Lighting Package Plus for the Vögele Dash 5 generation paver proved to be an essential asset during the paving work at the recycling yard.

IMAGE SOURCE: WIRTGEN GROUP

Tamper stroke adjustment at the press of a button

Müller also sees a major advantage in the upgraded extending screed: The new generation AB 500 TV screed enables hydraulic tamper stroke adjustment. With the so-called Dual Power Shift Tamper, operators can set the tamper stroke at the press of a button. Compared to mechanical adjustment, this saves a lot of time and is particularly practical when paving with varying layer thicknesses. In combination with the tamper and vibration compacting systems, the screed achieved high pre-compaction and surface quality on the project site. This was a particularly important factor, as the paved roadways of the recycling yard have to constantly withstand heavy loads.



Three generations of the family-owned company: Karl Müller (right), Ingo Müller (center), and Marco Müller standing in front of their new Vögele SUPER 1803-5 X paver.

IMAGE SOURCE: WIRTGEN GROUP

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