The Wirtgen W 100 HR Combines Performance with Efficiency and Precision

The Compact Milling Solution for Today’s Road Construction Process Chain

At this year’s Paving Expo in São Paulo, the Wirtgen is presenting the W 100 HR, a one-meter class small milling machine developed especially for cost-efficient milling operations.

**A Versatile Machine Portfolio to Meet the Needs of Every Construction Site**

From compact milling machines for smaller urban milling tasks to high-performance large milling machines for large-scale infrastructure projects – the company’s extensive machine portfolio covers the entire spectrum of requirements in the cold milling sector. The range of applications extends from the complete removal of asphalt and concrete layers to layer-by-layer removal and fine milling of asphalt and concrete surfaces. With Wirtgen cold milling machines, it is possible to realize working widths from 0.35 m to 4.40 m and working depths of up to 0.35 m in a single pass. In all cases, the focus has been set not only on performance and efficiency, but also on sustainability and outstanding operator-comfort. An example of this is the small milling machine W 100 HR.

**High Milling Performance and Efficient Material Loading**

The W 100 HR combines powerful milling performance with an extremely efficient material loading system. Three selectable milling drum speeds allow flexible adaptation to varying conditions on construction sites and enable the machine to reliably deliver high performance and a clean milling pattern for tasks ranging from surface layer rehabilitation to full-depth reclamation. At the same time, the rear loading system provides continuous conveying of milled material at a rate of up to 92 m³ per hour. Intuitive control with the multifunction joystick makes operating easier and contributes to increased efficiency and ergonomic control of working procedures.

**Precise Leveling**

The W 100 HR can be equipped with the LEVEL PRO PLUS leveling system to enable the realization of particularly challenging milling tasks. The digital leveling system enables more precise control of the milling depth, delivers a more homogeneous milling result and simplifies operation of the machine – also in the case of complex profiles or when milling on difficult ground. This reduces the need for reworking and saves valuable time.

**Intuitive Operating Concept**

The multifunction joystick with the automated functions and milling depth control with save function is located on the right armrest. All relevant information are clearly presented on the multifunction display. Milling depths can be saved in digital form and retrieved whenever needed. This function saves time on recurring tasks and increases repeatability. The simple operating concept provides valuable assistance to both new and experienced users and contributes to greater safety on the construction site.

Photos:

  
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The Wirtgen small milling machine W 100 HR enables the cost-efficient realization of milling projects with high precision.

Note: The photographs shown here are only previews. If you wish to publish them in other media, please download the higher resolution (300 dpi) versions from the Wirtgen Group websites.

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