The Wirtgen Group Rolls Out a World Premiere at World of Concrete 2025

Show highlight Slipform Paver SP 33

**Innovative and market-driven solutions for precise and cost-efficient concrete paving are the focal point of the joint Wirtgen Group and John Deere booth in Las Vegas from January 21 to 23, 2025 (Central Hall C5327).**

**World Premiere: Presentation of the SP 33 in Offset and Crosspave Version**

Versatile, maneuverable, and efficient – the outstanding features of the slipform paver SP 33. Wirtgen presents the SP 33 concrete paver in two configurations, which, thanks to the fully modular construction concept, enable the paving of monolithic concrete profiles such as curbs and berms, rectangular profiles, concrete safety barriers up to a height of 1.3 m (52 in), and drainage and gutter profiles. In the offset paving configuration, it can effortlessly pave concrete slabs with a pave width of up to 2.2 m (7 ft), also in combination with a Trimmer up to 2.4 m (8 ft) wide. The Crosspave version can pave slabs up to a width of 3.0 m (10 ft) transversely to the direction of travel of the machine. Both solutions can be controlled by the innovative operating concept with an event-driven graphic display. The ECO mode detects every working situation without the need for manual intervention by the operator and ensures automatic, load-optimized regulation of engine output for optimum engine efficiency, maximum fuel economy, and low noise emissions.

The operator is further assisted by the AutoPilot 2.0 control system. The two crawler units with parallelogram swing legs at the front and a laterally adjustable crawler unit at the rear enable zero-clearance installation and maximum flexibility. This makes it the ideal choice for use on construction sites that demand a high degree of maneuverability and the paving of tight radii.

**Production System: WPS 102i, SP 124i and TCM 180i**

With its concrete paving train orchestration, Wirtgen also offers completely coordinated machine technologies and practice-oriented equipment variants. They help users to fulfill quality requirements, in particular regarding outstanding evenness of the paved concrete surface. The Production System comprising a placer/spreader WPS 102i, an inset slipform paver SP 124i, and a texture curing machine TCM 180i will also be shown in Las Vegas.

**Stringless Paving with AutoPilot 2.0 Provides Process-Efficiency**

Conventional concrete paving methods rely on a physical stringline for controlling the paving process. As an alternative to this, Wirtgen offers its field-proven AutoPilot 2.0 control system, which is available for all offset pavers and placer/spreaders. The need for a physical stringline is eliminated, which results in considerable savings in terms of time and effort and increases the safety of the paving crew. At the same time, the system precisely controls both the height adjustment and steering of the machine. A GNSS signal and, depending on the configuration, various local sensors – for example, an ultrasonic sensor on the machine – serve as a reference. It also enables fast and precise paving of tight radii and complex geometries.

Wirtgen Group and John Deere Product and Applications Experts at the Show

Trade visitors to booth C5327 in the Central Hall will have the chance to learn all about the state-of-the-art solutions in direct dialog with specialists from the Wirtgen Group and John Deere. From John Deere, the equipment on display includes the 85 P-Tier Excavator, the 334 P-Tier Compact Skid Steer Loader with a cold planer attachment, and the 335 P-Tier Compact Track Loader.

Photos:

  
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World premiere: The new Wirtgen slipform paver SP 33 can pave concrete slabs up to a width of 2.2 m (7 ft) in Offset mode and up to a width of 3.0 m (10 ft) transversely to the direction of travel.

  
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The AutoPilot 2.0 control system is an integral component of the slipform paver SP 33 and assists the operator during concrete paving with a virtual stringline.

  
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Wirtgen Concrete Paving Train: A placer/spreader, a slipform paver, and a texture curing machine are usually deployed together when paving with pre-placed steel reinforcement.

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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