**Wirtgen** | **New SP 102i Inset Slipform** **Paver** **for the North American Market**

**The Wirtgen SP 102i inset slipform paver has been developed to cater to the specific needs of North America construction companies. With paving widths from 16 to 40 feet, the two-tracked paver can handle typical concrete paving applications such as the construction and rehabilitation of roads, the expansion of airport infrastructure, and paving in industrial and residential areas.**

**The SP 102i – The Most Versatile Paver in Its Class**

An extended maximum working width makes the SP 102i the ideal choice for even more paving projects. No other two-tracked paver can cover the entire spectrum of typical concrete paving jobs. Thanks to its fully modular construction concept, the machine can be quickly and easily adapted to meet the requirements of different construction sites by adding or removing the required modules. In addition, the designed concept ensures that all components – including the spreader plow and the super smoother – can remain mounted on the machine during transport. This means that the inset slipform paver takes less time to setup prior to commencing work.

**State-Of-The-Art Fuel-Saving Engine Technology**

Efficient engine management also contributes to the economical operation of the machine. When the user selects ECO Mode, the power management system automatically adjusts the engine speed based on horsepower required, and in turn, reduces fuel consumption. ECO mode ensures that the US EPA Tier 4f exhaust emission standards compliant, 231 kW (310 HP), high-performance diesel engine always runs at optimal speed, allowing the SP 102i to offer outstanding fuel-economy and lower exhaust gas and noise emissions.

**Standardized Operating Concept for Easy Handling**

Wirtgen has also responded to the wishes and needs of our customers. The ergonomically designed operator’s platform provides an ideal overview of the entire construction site and a hydraulically height-adjustable canopy protects the operator against sun and rain.

The user interface of the SP 102i features state-of-the-art control panels with language-independent graphic labeling of all control elements. These are identical on all Wirtgen slipform pavers, which reduces the need for training and familiarization of operators working for the first time with the various models. At the same time, the ergonomic layout of the control elements reduces the operator’s workload and promotes higher productivity.

**Proven Wirtgen Technologies Assure Optimal Paving Quality**

In the paving process, the SP 102i draws on consistently proven Wirtgen technology. For example, the oscillating super smoother ensures high surface quality of the up to 18-inch thick concrete layers. These can have crown profiles with a cross slope of up to 3%. As an additional option, two side dowel bar inserters place anchors into the fresh concrete to prevent adjacent lanes drifting apart.

The machine is equipped with hydraulic vibrators to assure high-quality compaction. They evenly compact the concrete and ensure a homogeneous structure, producing high paving quality. In addition to the 18 factory-fitted hydraulic connections for vibrators, and as an additional option, the inset slipform paver can also be equipped for the connection of 24 or 30 hydraulic vibrators for greater working widths.

**Intelligent High-Tech Solutions On-Board**

In order to satisfy the most stringent demands regarding profile precision on roads and paved areas, the SP 102i is fitted with a field-proven 3D interface. This can be used in combination with a 3D system and total stations from various providers for the realization of extremely precise paving results based on pre-determined planning data. In many cases, this makes paving more precise and economical than with the conventional leveling and steering method or stringline paving.

With WITOS FleetView, the SP 102i also provides remote support for machine fleet managers. This telematics solution from the Wirtgen Group makes fleet management easier and increases machine availability by timely identification, planning and execution of required maintenance and servicing. At the same time, WITOS FleetView enables access not only to positioning and machine data, but also to all status information such as, for example, the current fuel level.

Photos:

***Ein Bild, das Boot, Transport enthält.

Automatisch generierte Beschreibung***

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The new Wirtgen SP 102i inset slipform paver is an extremely economical solution for a broad spectrum of concrete paving tasks.

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Automatisch generierte Beschreibung

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The low ground pressure exerted by the two-tracked paver from Wirtgen makes the machine particularly maneuverable and flexible when paving.

*Please 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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