Focus on technologies for sustainable road construction at Excon 2023

True to the maxim: smarter, safer and more sustainable.

The appearance at the show in Bangalore from 12 to 16 December set a major focus on groundbreaking technologies, solutions and applications. With these, the Wirtgen Group delivers the answers to the fundamental need for a smarter, safer and more sustainable road construction process chain and more efficient extraction and processing of materials in quarries and open cast mines.

To underline its leading role in this, the company group’s 640 square metre booth in Hall 3, B 183/B185, offered professionals from all industry sectors an opportunity to discover a cross-section of its portfolio and share a fascinating preview of the future of the industry. The Wirtgen Group always considers the entire construction site and, with its Production Systems, thinks in terms of its customers’ specific needs – from project planning and execution to end-to-end documentation of the construction site. In the course of this, digitalisation will be an essential driver for greater sustainability and higher precision.

Smart. Safe. Sustainable.

Among the highlights for the earthworks sector is the ECO Mode from Hamm. It also enables the fuel consumption of the new HC series earthworks compactors to be cut by up to 20% while maintaining consistently high compaction performance. Experts at the show also presented the purely battery-electric Hamm tandem rollers that work with zero local emissions.

With the InLine Pave concept, Vögele presented a particularly innovative paving method that is ideal for ‘hot on hot’ paving of compact asphalt pavements. The contact-free, full-surface RoadScan temperature measuring system for temperature control during the asphalt paving process was also presented at the show.

Cold in-situ recycling, which has also been in use in India for many years and is globally recognised as a particularly sustainable and cost-efficient method for road rehabilitation, was presented at the show with a wheeled recycler from the WR series as an example. In addition, Wirtgen provided comprehensive information about its leading technologies in the areas of cold milling, concrete paving and surface mining.

With the intuitive SPECTIVE plant operating concept, Kleemann has created a solution that already satisfies the increasingly stringent requirements that will need to be fulfilled by operators of modern crushing plants. In Bangalore, the materials processing specialist showed how SPECTIVE enables crushing plant operators to safely and simply master the technology – and this with a minimum of training.

Wirtgen India also manufactures products for the global market

Following the establishment of the Wirtgen Group’s active presence on the Indian market with its Sales and Service organisation, Wirtgen India, in the 1990s, 2011 saw the start of the production of roller models for the local market at its factory in Pune. This was followed by the production of asphalt pavers, classifying screens and scalpers. Today, market-relevant products such as screening plants and rollers are also exported to Southeast Asia or the Middle East. Always in focus: perfectly tailored solutions for every challenge.

Photos:

  
WG at Excon 2023

At Excon 2023, the Wirtgen Group delivered answers to the fundamental need for a smarter, safer and more sustainable road construction process chain.

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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