**Vögele | Latest drive technology for the Vögele SUPER 1400i paver**

**Powerful John Deere engine reduces fuel consumption and emissions**

**The SUPER 1400i Universal Class paver is the first Vögele paver in the world to be fitted with an engine from the group’s parent company, John Deere, and as a result, the first to meet the more stringent CEV Stage IV emission standards. The intelligent drive technology ensures economical operation with low emissions and noise. Construction firms and companies which lease construction machinery further benefit from the integrated all-round service both manufacturers provide.**

With its versatile potential applications, compact dimensions and high performance, Vögele’s SUPER 1400 paver has proven itself in the Indian market for years. This popular all-rounder, which with the AB 480 Extending Screed can achieve pave widths of between 2.55 m and 7.5 m is now getting new drive technology developed in-house. The 4-cylinder diesel engine of the 4045 EWL type has an output of up to 110 kW, whilst its intelligent electronic engine control means it produces especially low emissions and saves fuel. Effective exhaust emissions after treatment with diesel oxidation catalyst (DOC) and selective catalytic reduction (SCR) significantly reduces harmful substances. The Vögele Universal Class paver thus satisfies India’s new CEV Stage IV emission standards and receives the “i” suffix in the machine name: this suffix stands for “intelligent emission control” and indicates environmentally-friendly engines in which the latest technology guarantees especially low emissions.

**The SUPER 1400i: a powerful, quiet and low-emission machine**

The new drive reduces noise levels as well as CO₂ emissions. The SUPER 1400i is rendered especially quiet by the variable-speed fan and integrated ECO mode. Like the paver itself, the engine is designed to cope with maximum strain: all its components are especially rugged. Steel pistons and wet-type cylinder liners, for example, ensure maximum reliability and a long service life. As a result, the SUPER 1400i provides road construction professionals with an especially sturdy, low-emission and user-friendly machine for small to medium-sized projects. The compact Universal Class paver from Vögele has a material hopper with a capacity of up to 13 t, a laydown rate of up to 600 t/h and can pave complex material such as Wet Mix Macadam (WMM) or Dry Lean Concrete (DLC) without any difficulties. The intuitive ErgoBasic operating concept also makes the machine especially simple, safe and convenient to operate.

**Service from a single source**

Apart from the machine technology, the service concept of the SUPER 1400i, too, is consistently aimed at users’ needs: as part of the Wirtgen Group, Joseph Vögele AG belongs to the John Deere Worldwide Construction & Forestry Division, which means that both the machine and the engine now come from a single source. Construction firms and construction machinery agents thus benefit from an expanded service network and a full range of maintenance services: all service intervals are harmonized and customers also need just one central contact for all their needs.

Background information

**Highlights of the Vögele SUPER 1400i paver**> Maximum pave width 7.5 m  
> Laydown rate up to 600 t/h  
> Transport width of just 2.55 m  
> Powerful, economical 110 kW drive concept with low emissions

> AB 480 TV Extending Screed (tamper and vibrators) for first-class compaction results  
> Intuitive ErgoBasic operating concept and Niveltronic Basic System for Automated Grade and Slope Control

Photos:

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| Z:\02__Kommunikationsmarketing\B_Presse\2021\X_Lokale_PM\SUPER 1400i Indien\Bilder\VOE_S1400i_Front_RGB.jpg | VOE\_S1400i\_Front\_RGB.jpg The Vögele SUPER 1400i paver has been equipped with a low-emission John Deere engine and thus meets the current CEV Stage IV emission standards. |
| Z:\02__Kommunikationsmarketing\B_Presse\2021\X_Lokale_PM\SUPER 1400i Indien\Bilder\VOE_S1400i_Back_RGB.jpg | VOE\_S1400i\_Back\_RGB.jpg Practical all-rounder: in combination with the AB 480 Extending Screed, the SUPER 1400i achieves pave widths of between 2.55 m and 7.5 m. |

*Note: These photos are just for preview purposes. For printing in the publications, please use the 300 dpi-resolution photos which are available to download from the Wirtgen Group websites.*

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