

New surface treatment centre for manufacturer of mobile road construction machines



Scratch-proof and wear resistant – That way the WIRTGEN Group sends its construction machines into the road race

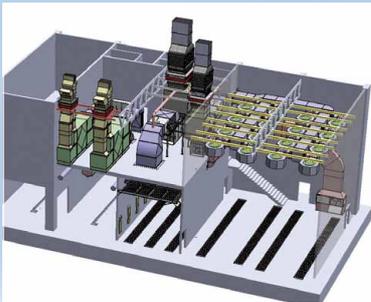
The Wirtgen Group is an internationally active group of companies in the construction equipment industry including the well-established brands Wirtgen, Vögele, Hamm and Kleemann and has found us to be a competent system partner in the surface treatment technology.



Powder coating of large components
(Wirtgen GmbH)



Cleaning cabin (Kleemann GmbH)



Cleaning and paint spraying halls –
Completion in August 2010
(Joseph Vögele AG)

Range of products:

Aqueous pre-treatment systems

- High-pressure cleaning systems
- Passage-type pre-treatment systems

Blasting units

- Blastrooms
- Automatic airblast machines
- Service & Spare parts for blasting units

Paint spraying units

- Open-space paint spraying units with long-range nozzle technique
- Paint spraying cabins with dry and wet separation
- Powder coating units

Conveyor technique

- Heavy-duty transport technology
- Lifting platforms



Corrosion prevention for the extreme application of the construction machinery

Already in 2008 the **Wirtgen GmbH** located in Windhagen/Rhineland-Palatinate had entrusted us with the project planning and the delivery of a large-scale coating system for large components. The global leading manufacturer of mobile road construction machines from now on sets new standards for the powder coating of large components regarding quality, profitability and environmental friendliness. „By now more than 90 percent of our components are powder coated“, told Mr. Johan Kroheck, head of the surface technology department. In this way the well-known manufacturer of road milling machines, slip-form pavers and cold recyclers has found the ideal method to minimise solvent emissions, to optimise production processes and to reduce costs at the same time. Thanks to a perfectly harmonized paint and system technology the powder coating offers Wirtgen decisive advantages in the global market regarding the quality of their products. Last but not least the corrosion prevention plays a more and more important role in the extreme application of the construction machinery.

Another innovation leader in this industrial sector and youngest member of the Wirtgen Group is the long-established company **Kleemann GmbH** in Göppingen. Also for this company we were responsible for the provision of an ultra-

modern pre-treatment and coating system for their new built factory. The components for the mobile stone crushers and sieving units made by Kleemann are pretreated and painted or powder coated by means of our **SLF** facilities. The machine concept is similar to the one supplied to company Wirtgen in Windhagen.

This means that the surface treatment centre consists of a high-pressure cleaning system, a combined paint spraying and drying cabin for wet paints, a paint dryer and a powder enamelling furnace. The handling of the bulky components with a weight of up to 30 tons is effected by an integral conveyor system. This allows a maximal flexibility of the individual work areas and of the entire installation.

Apart from the brands Wirtgen and Kleemann the Wirtgen Group also offers a wide range of products of road pavers to customers in the construction sector. Company **Joseph Vögele AG** is the specialist for machines for the asphalt paving of streets and traffic areas. Still this year it is planned to relocate the production site from Mannheim to a completely new factory in Ludwigshafen.

In this case we will provide the equipment for the finish and repair areas, which among others include the paint spraying and cleaning halls for complete road pavers and the paint spraying cabins for the large associated repair workshop.

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