

RoadNews

VÖGELE's MT 3000-2 Offset PowerFeeder speeds up work on asphalt job sites:

**Non-stop paving –
unlimited possibilities**



To all users of WIRTGEN GROUP technology and WIRTGEN GROUP customers in India – this is for you!



WIRTGEN

New variability in concrete paving: the new SP 124 and SP 124 L machines can handle pave widths between 4.5m and 12m



VÖGELE

Non-stop, non-contacting: the VÖGELE MT 3000-2 Offset PowerFeeder is an indispensable aid on large asphalt job sites

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HAMM

Flexible ballasting, modern operation:

HAMM presents a new generation of pneumatic-tyre rollers with its new HP series



KLEEMANN

Performance and productivity made in India:

the new mobile classifying screens of the new MOBISCREEN EVO series in action

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New SP 124 and SP 124 L from WIRTGEN: Concrete paving made more flexible



With the addition of two new models, WIRTGEN is equipping its 12m-class slipform pavers with the state-of-the-art technologies from the SP 60 and SP 90 series which have already proven successful on the market. The SP 124 is the first slipform paver with a maximum working width of 12m to be equipped with four hydraulic pivoting legs and crawler units, which are optionally available

with a new slew drive steering system featuring a steering angle of up to 260°. The additional manoeuvrability of the paver allows the operator to adapt the machine quickly and flexibly to the conditions on the job site. Its narrow profile and reduced track gauge allow the machine to pave close to obstacles.



Highly flexible concrete paving: the SP 124 and SP 124 L slipform pavers lay down concrete slabs between 4.5m and 12m wide and up to 450mm thick with absolute precision.



Steerable and slewing crawler units

Like the previous SP 1200 model, the SP 124 L also has a rigid crawler unit connection. What is new, however, is the greater steering angle achieved by equipping all four crawler units with slew drive

as standard; this gives them greater flexibility than their predecessors. Stand-out features of both the SP 124 and the SP 124 L are their high level of paving accuracy, intuitive operation and ease of use.

A job for the VÖGELE MT 3000-2 Offset PowerFeeder: Mobilizing SUPER powers



Non-stop, non-contacting

Continuous material transfer and paving for maximum paving quality.



Boosting paving performance

With its powerful conveying capacity of 1,200t/h and its large mix storage capacity, the MT 3000-2 Offset PowerFeeder enables lorries to be emptied in just 60 seconds. As a result, the paver can operate continuously, boosting paving performance.



Offset pivoting conveyor

The belt opens up a wide range of applications and also permits feeding from the side, delivering a high level of machine utilization.



45t

Using a material feeder increases the mix storage capacity to 45t (the material hopper of the SUPER 2100-2 has a capacity of 14t without an extra material hopper). This keeps paving operation flowing, even if a mix lorry arrives a little late or takes a little longer to manoeuvre.



Punjab | **Samrala**



Constructing a new highway is always quite a spectacular undertaking. In the case of the NH-95 (new NH-5) from Kharar Town to Ludhiana in the state of Punjab, the MT 3000-2 Offset PowerFeeder from VÖGELE also played a key role. "The machine enabled us to operate non-stop across a large width of 13m," said Ravi Sharma, machine manager for the contractor Ashoka Buildcon Ltd.

The MT 3000-2 Offset is what is known as a material feeder. It decouples material transfer by receiving the hot asphalt from the arriving mix lorries. The material feeder then transfers the mix

to the paver, in this case a SUPER 2100-2 with the SB 250 TV Fixed-Width Screed and an extra 20t material hopper. The MT 3000-2 Offset transfers the material via a heated pivoting conveyor.

Paving teams can boost quality with the VÖGELE PowerFeeder. Firstly, because material feeders permit non-stop paving, a factor that plays a major role in asphalt processing. And secondly, because the lorry docks onto the PowerFeeder rather than directly onto the paver (non-contacting). This prevents impacts from being transmitted to the pavement. Little wonder, then, that results on the NH-95 were outstanding too.



For more details on the VÖGELE PowerFeeder
MT 3000-2 Offset, go to:
www.voegele.info/webspecial/powerfeeder



HAMM HP series:

A new generation of pneumatic-tyre rollers

HAMM's new pneumatic-tyre rollers unite proven advantages with attractive innovations: they offer, for instance, simple and intuitive operation and an ergonomically-optimized operator's platform. The asymmetrical frame design gives operators a clear view of the outer flanks of the wheels at all times. The enhanced, innovative water and additive sprinkling system is a brand new feature which prevents the additive/water mixture separating and automatically mixes the additive according to the specifications during the compaction process. The dosing process can be regulated straight from the operator's platform by selecting different mixing ratios. HAMM has also expanded the machine's unique ballasting flexibility.

Additional water tank: Ballasting and water reserve

All HP series models have a capacious diesel and main water tank plus an additional 1,500-litre tank. The water can be used entirely as a reservoir for the sprinkling system.

The entire tank can be filled in just three minutes using a fire hose connection (type C). The additional water tank is connected to the main water tank via pipes. The tanks can also be completely emptied by means of a pump.

Highlights of the HP series

- > Very good visibility
- > Simple, intuitive operation
- > Large, comfortable cabin or operator's platform
- > Flexible ballasting concept
- > Innovative additive sprinkling system
- > Quick, convenient maintenance
- > Maximum safety

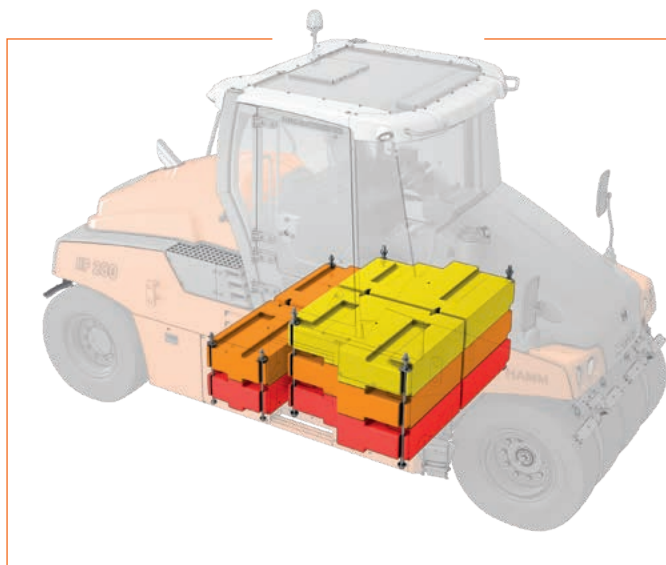
Depending on the particular machine involved, the two basic models in HAMM's new HP series can work with operating weights of between 8 and 28t and meet the requirements of the Bharat III exhaust emissions standard.



Flexible ballasting concept

The HP series rollers incorporate a highly flexible ballasting concept, which makes it possible to adapt the machine's weight quickly to suit the asphalt type, layer thickness or application. Depending on the model and the basic weight, the ballast can be increased by up to 17t.

The principle: prefabricated ballast bodies made of steel, magnetite or concrete are simply inserted or removed from the large ballast chambers between the sets of tyres.



HP 180

HP 280

MOBISCREEN EVO -

The mobile screens made in India:

**"We are getting
high production levels."**

Manufactured by the WIRTGEN GROUP in India, to be precise in the local production and assembly plant in Pune, the mobile screening plants in the MOBISCREEN EVO line are successful all over the world. The machines are classifying screens, which means that they classify the rock after it has been crushed by KLEEMANN crushing plants, sorting it into up to three aggregate fractions (MS 702 EVO and MS 952 EVO plants with two screen decks) or up to four aggregate fractions (the 703 and 953 plants with three screen decks). Using various screen surfaces, the plants are ideal for a wide range of applications, for instance for classifying granite, basalt, iron ore or limestone. Other highlights of the MOBISCREEN EVO line include a large feed hopper with vibration for prescreening, an easy-to-operate mobile control panel and a fully automatic process control system.

Top performance in open cast applications, too

The screens make a particularly valuable contribution in their "home market", however. There is hardly another region anywhere in the world with a more dynamic road construction industry than India. When constructing roads, it is particularly important to have a supply of crushed aggregate in precisely defined grain sizes. KLEEMANN plants also perform invaluable services in open cast applications. This is being demonstrated by 4 MOBISCREEN EVO plants of the MS 952 EVO and MS 953 EVO types in Keonjhar in the state of Odisha. KLEEMANN technology is sustainably boosting productivity and efficiency at an iron ore extraction site operated by its customer Kalinga Commercial Corporation Limited (KCCL). "At present, we are operating 4 plants for 18-20 hours a day. And we are getting high production levels from all 4 plants," says Mr Shri Kumar, project manager at KCCL.

40

Lakh M.T.

are classified by the
4 MOBISCREEN EVO plants each year



Watch the MOBISCREEN EVO screening plants in action in Keonjhar, Odisha:

▶ klqr.kleemann.info/MSEVO_INDIA



MOBISCREEN EVO

MS 953 EVO

Feed capacity | Screen decks
500t/h | 3

MS 952 EVO

Feed capacity | Screen decks
500t/h | 2

It can easily process feed material with moisture contents of 6-7%, as in the open cast iron ore extraction site in Keonjhar: the MOBISCREEN EVO series.

MS 702 EVO

Feed capacity | Screen decks
350t/h | 2

MS 703 EVO

Feed capacity | Screen decks
350t/h | 3

Odisha | **Keonjhar**



Asphalt paving across a width of 11.6m:
the new VÖGELE SUPER 3000-3i with the
SB 350 Fixed-Width Screed - also new -
in operation in Marktdredwitz, Germany.

