Innovation on 8 wheels
SERIES HP
Outstanding visibility
The foundation for high-quality compaction

With their well-conceived design, a modern, spacious panoramic cabin and many creative refinements, the HP series pneumatic tyre rollers provide the best possible overview and maximum user-friendliness. Whether with a cabin or open operator’s platform - the operator has an outstanding view of the machine and construction site at all times. A special feature of the compact pneumatic tyre rollers is their asymmetric frame. It ensures an unobstructed view of the outer edges of the front and rear wheels.
Get in and be comfortable

Drivers can climb aboard the HP series rollers safely and easily from either side via a wide accessway with large steps. At the heart of the workspace is the seat-operating unit with its integrated steering column that offers maximum freedom of movement and great flexibility.

The driver can adjust the spring-mounted driver’s seat and the armrests. The tilt of the dashboard with steering wheel is also adjustable to suit individual preferences. This means that every driver will very quickly find a comfortable, ergonomically advantageous and healthy working position in this roller.

The seat-operating unit can be rotated by 90° in either direction, locked and moved up to the outer edge of the platform for the best possible view of the sides as well as the area behind the roller – including an optimum view of the outer wheels.

Many agreeable details round out the comfortable workspace, including 12 V sockets, ample storage space and numerous fresh air nozzles as part of the standard specification.

Comfort right from the start

Driving comfort 05

In the HP, every driver can arrange their optimum workspace – the essential prerequisite for healthy, concentrated working.
Clear field of vision in all directions

Asymmetric frame

A special feature of the HP is its asymmetric frame. It is a hallmark and quality benefit in one, because the design in symmetry with the wheel sets provides a clear view of all outer wheels - in addition to the excellent overview of the construction site.

Compact design – good visibility

With their modern design and spacious driver platform, the HP series rollers are clearly laid out, user-friendly and compact. Whether from the cabin or from the open driver platform with ROPS - the operator has an excellent overview of the machine and construction site at all times.

Modern operation - safe operation: In the HP, the brake pedal is located on the seat-operating unit. As a result, it is always easily accessible, regardless of the sitting position.

Sturdy grab handles on both sides enable easy mounting and dismounting.

The driver sits on the left or right of the platform while compacting, looking past the engine cover or water tank, respectively. This means that he has the construction site in view at all times.

Safety to the destination

A compact design for safe operation

The compact design of the HP series, the shape of the engine cover and tank plus the high sitting position provide a workspace with an unobstructed view - to the front and to the rear. Persons and objects are spotted in good time. At the same time, the roller fulfills the latest, stringent field of vision requirements in their entirety.

Impressive braking power

With its powerful disc brakes, the HP can be rapidly and safely brought from full speed to a standstill, even when carrying the maximum ballast load.

With optimum safety in mind, the brake pedal is integrally arranged on the seat-operating unit in such a way that the driver can find it in the same place in every working position and stop the roller immediately.

Of course, the braking power of the HP series pneumatic tyre rollers can be applied with great sensitivity because the electronically assisted drive control ensures gentle braking and acceleration - the basis for smooth asphalt paving with no bulges and undulations.
First-class compaction
Satisfies even the most exacting requirements

The HP’s powerful, hydrostatic rear-axle drive combined with a sensitive control system allows the right speed to be set in every working situation. For example, the prescribed working speed can be easily set using a wheel on the control panel – this is crucial for homogenous compaction. Added to this is the intelligent drive control. It enables gentle, even acceleration and braking. This promotes even compaction and results in higher compaction quality.

The efficient water sprinkling system prevents asphalt adhering to the wheels. When working with hard-to-compact asphalt or under challenging operating conditions, the additive sprinkling system ensures high quality.

The ingenious front-axle design ensures that the wheels are level at all times so that the load is distributed evenly across the substrate.

Using the tyre inflation system, the tyre pressure can be varied from 4 to 8 bar to adjust the footprint.

The Easy Drive operating concept received the Universal Design Award in 2016.
Tyre lighting (optional).

Two sockets (12 V) along with two drinks holders.

Ventilation slots for fast de-icing.

Split doors are available as an option.

With joystick for intuitive control of the most adjustment possibilities.

Integrated sunscreen. Plenty of headroom.

Halogen lights fitted as standard.

Bright working spotlights on the cabin.

Language-neutral design. Multifunction armrest.

Ergonomically optimised operator's platform.

Panoramic cabin with all-round view and ROPS.

Very high top speed.

Asymmetric frame, corresponding to the position of front axle for machines from 20 t maximum weight upwards. Deceleration values well above specified tempertures.

Option. Powerful braking system with discs on the front wheel pairs.

Option. Speedy adjustment of tyre pressure from the driver's seat.

Option. Tank with additional 1500 l volume for use as water reservoir and for extra weight.

Option. Enables precise edge finishing.

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Option. Modules for measuring, documenting and analysing compaction processes.

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Self-ballasting in closed-bottom ballast space, volume 2 m³.

Electronic machine management system for monitoring all engine and vehicle functions.

Future-proof, water-cooled engines with advanced exhaust post-treatment in accordance with the applicable regulations. Low-noise, environment-friendly operation.

Option. Speeds up tyre warming and guards against overheating.

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**Easy Drive: Simple and intuitive**

With Easy Drive, HAMM has developed an innovative operating concept for tandem rollers, compactors and pneumatic tyred rollers. On all these machines, the operating elements for identical functions are located in the same position on the operator’s platform. It is therefore no problem to switch between different roller types.

The language-neutral operation of these rollers is very simple and quickly learnt, because the few switches are intelligently arranged on the uncluttered operator’s platform. The Easy Drive rollers are steered using a steering wheel. Drive control is by means of a joystick with clearly visible push-button switches in an ergonomically ideal layout on the multifunction armrest.

**Intelligent ballasting concept**

**Utmost flexibility**

In order to quickly outfit the HP with the perfect weight for each task, HAMM has developed an intelligent ballasting concept. It enables modification to a different operating weight in the user’s workshop or even on the construction site.

At the heart of it are the large ballast spaces located between the wheel sets, and an open-bottom compartment frame with inserts. Loading and unloading can be carried out with minimal effort: prefabricated steel, magnetite or concrete ballast bodies are inserted and removed through the open-bottom frame using a fork-lift truck, for example. HAMM offers a range of ballast body kits of various sizes for this purpose. They enable different weights to be achieved.

There is also a model with a large ballast space (2 m³) for self-ballasting. As an option, an additional water tank with a volume of 1500 l is available for all HP series rollers. It can be used as a water reservoir and also for extra weight. The additional water tank is linked to the standard water tank via interconnecting pipework. As an option, the water tank is also available with a C-pipe connection for fast filling.

**Quality thanks to even weight distribution**

Because the ballast spaces are located in the centre of the machine, the weight is always evenly distributed over both axles – perfect conditions for optimum compaction quality. Here, the loads vary between 1.25 and 3.5 t per wheel.
**Efficient maintenance**

User-friendly and simple

Daily maintenance is carried out in minutes. This leaves plenty of time for compaction.

**Easy access**

Easy servicing is a key characteristic of the HP series pneumatic tyre rollers: all maintenance work can be carried out on one side of the engine. Topping up is also quick and easy thanks to convenient access to the water and diesel tank filler necks.

All manual operations can be safely performed even in the dark because the cabin/roof lamps provide good illumination of the engine compartment. To ensure fast and thorough servicing, HAMM uses the WIRTGEN GROUP’s service diagnostic tool WIDIAG. The interface for this system is easily accessible in the multifunction armrest.

**Environment-friendly engines**

The HP series rollers come equipped with state-of-the-art engine technology. They are thus ready to meet the requirements of the future while fulfilling the applicable legal requirements with an environment-friendly combustion and exhaust after-treatment system.

**Low maintenance**

Long maintenance intervals and few maintenance items are good indicators of mature technology. During routine service and maintenance, the HP series rollers stand out for their ease of access to vital points and wide-opening engine cover.

**Efficient maintenance**

**Service**

Large footplates provide quick and easy access to the maintenance platform on the engine.

A rail on the maintenance side of the engine ensures safety when carrying out routine checks.
Proven and highly regarded all over the world

Outstanding performances in earthwork and asphalt construction

With their large tanks and robust engineering, the HP series rollers are exceptionally productive. They always get the job done reliably and safely, even on large construction sites. The range of potential applications extends from soil stabilisation and cold recycling to landscape gardening as well as final compaction and surface sealing in asphalt construction. The tyre pressure, machine weight, additive mixing and quantity as well as the top speed can be very easily adjusted to suit the application. Diverse options are also available for equipping the driver platform to suit all climatic zones.

The large water and diesel tanks have sufficient volume for an uninterrupted day’s work.

The carriers can hold different scrapers, e.g. plastic scrapers and brushes without inserts or with coconut fibre inserts.

Anti-slip control ensures optimum traction when working in uneven terrain as well as on surfaces with varying temperatures.