



HAMM

Top-class compaction **SERIES HD+**





Excellent visibility

The basis for top-class work

Fully glazed panoramic cabin with large, wide-opening doors

The open frame and the shape of the tanks make for a clear view of the area directly in front of the drums.

A large operator's platform provides an unobstructed view of the working area directly around the roller as well as the surrounding site. Neither the exhaust pipe nor side rails interfere with the view. This visibility ensures high-quality compaction and a high level of safety.



The comfortable workspace in the large panoramic cabin of the HD+ provides the perfect conditions for concentrated working.

XXL workspace

Comfort and ergonomics

Drivers get to their daily workspace, the XXL operator's platform of the HD+, via a wide stepway with broad footplates. The convenience features continue with an optional rearward-tilting steering column that makes getting on very easy. The comfortable seat can be supplied with a backrest extension and fabric covers. The driver's seat can be rotated and moved sideways to the edge as standard, the height and springing are adjustable. The seat always includes two armrests and can be optionally equipped with a control lever on the left.

In addition, there are a wealth of agreeable details that characterise working in the HD+: for example, 12 V sockets for charging a mobile phone or for a cold box, ample storage space, several drinks holders and various fresh air nozzles. On request, a lunchbox holder can also be provided in all ROPS machines.

The tilt of the dashboard with steering wheel is adjustable to suit every operator.

The XXL cabin of the HD+ offers generous space and plenty of headroom.

The driver's seat can be moved sideways and rotated by 90° to either side.



The turning circle of the HD+ is remarkably small. This means that even the large models can manoeuvre well in tight spaces, too.

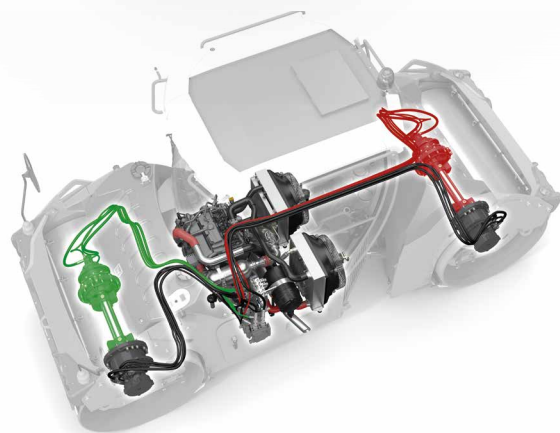
A little extra quality

Quality factor: articulated joint

The 3-point articulation developed by HAMM is the key to exceptionally even weight distribution, first-rate directional stability and high stability when turning together with great resistance to tipping. This benefit is particularly apparent when compacting on curved sections. Surfaces with impeccable evenness and no deformations are produced rapidly.

Quality factor: compaction parameters

In addition to the usual adjustment of vibration frequency, some HD+ models offer yet another special extra: the frequency and amplitude of each drum can be set independently as standard, allowing extremely easy variation of the compaction parameters for each construction site and type of asphalt.



The panoramic cabin and the frame, which is open at the top, provide a clear view of the spray bar and spray nozzles.

The perfect interplay between articulated joint, vibration drives and the powerful water sprinkling system makes for high-quality compaction.



Quality factor: water sprinkling system

The position and mounting of the spray bar also ensure high quality: it is positioned in front of the cross member so that the driver has the sprinkling system in view at all times and can quickly adjust the water volume. In addition, the spray bar is secured in such an ingenious way that it can be mounted and removed in a matter of moments.

With their large water tanks, the HD+ series rollers are equipped for long working days without stopping to top up. Here, the desired water delivery is automatically adjusted in line with speed. Two water pumps, an optional antifreeze filling system and a triple water filtration system ensure maximum availability.



Ready for big jobs

Large drums for large area coverage capability

Driver safety is provided through a protective roof with ROPS.

Everything about the HD+ series rollers is geared to performance: the generously sized tanks and the large drum diameters, as well as the powerful traction and vibration (or oscillation) drives. Thanks to Hammtronic and many other intelligent solutions, the HD+ is very economical in use. That is the reason why these rollers are the right choice for efficient compaction of large areas.



The HD+ has won more design awards than any other construction machine in the world: it received the "iF design award" in gold, the "red dot design award", the American "Good Design Award" and the French "Observateur du design".

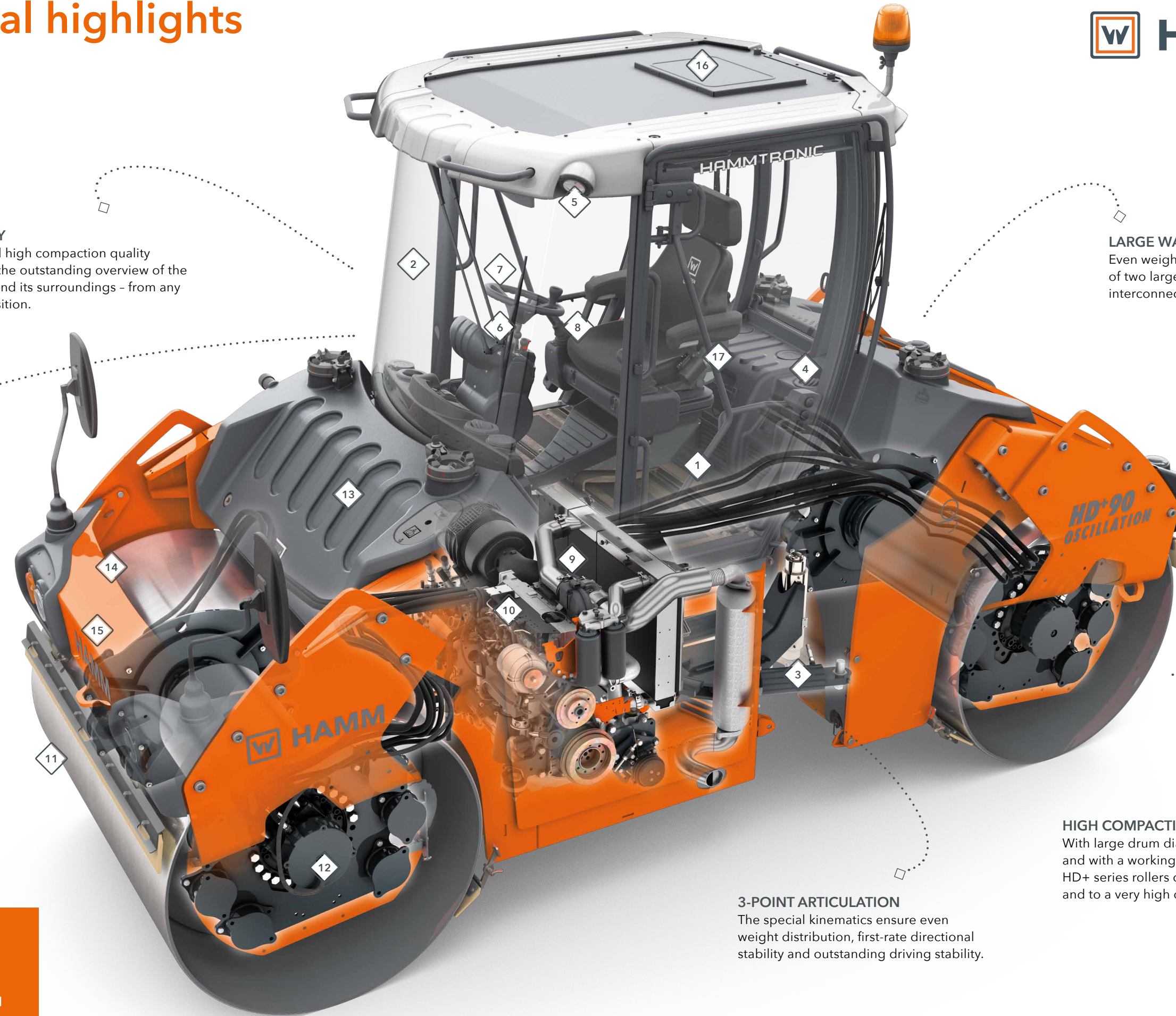
The technical highlights at a glance



VISIBILITY
Safety and high compaction quality thanks to the outstanding overview of the machine and its surroundings - from any sitting position.

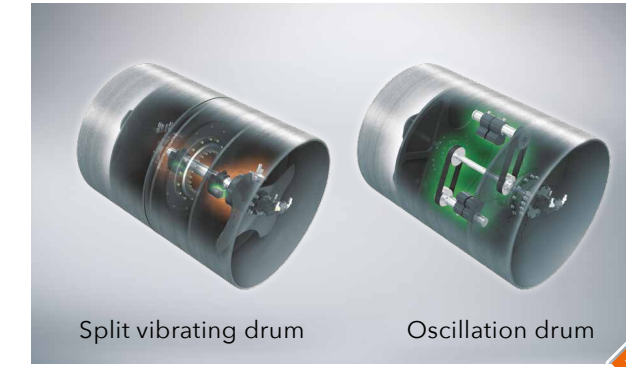
LARGE WATER TANKS
Even weight distribution on account of two large water tanks with interconnecting pipework.

OPERATION
Ergonomically optimised operator's platform with a comfortable driver's seat; wide range of adjustment possibilities. Simple, intuitive operation based on a language-neutral design.



3-POINT ARTICULATION
The special kinematics ensure even weight distribution, first-rate directional stability and outstanding driving stability.

HIGH COMPACTION POWER
With large drum diameters and widths, and with a working weight to match, the HD+ series rollers compact quickly and to a very high quality.



Split vibrating drum

Oscillation drum

- 1 >> OPERATOR'S PLATFORM**
Available in different versions: with handrails (with or without protective roof), with ROPS or ROPS cabin.
- 2 >> CABIN**
XXL panoramic cabin with all-round view and ROPS. Generous headroom. Two drinks holders and storage compartments as standard. Two sockets (12 V) for cold box, etc. Optional split door.
- 3 >> STEPS**
Steps to cabin on both sides, additional service steps in the drum area.
- 4 >> VENTILATION AND AIR CONDITIONING**
Air outlets for agreeable climate control and supply of fresh air as standard. Ventilation slots for fast de-icing. Heating as standard in machines with cabin. Air conditioning (option).
- 5 >> LIGHTING**
Bright working spotlights on the cabin or roof. Halogen lights as standard; long-lasting, very bright LED technology is also available as an option. Optional LED drum edge lighting.

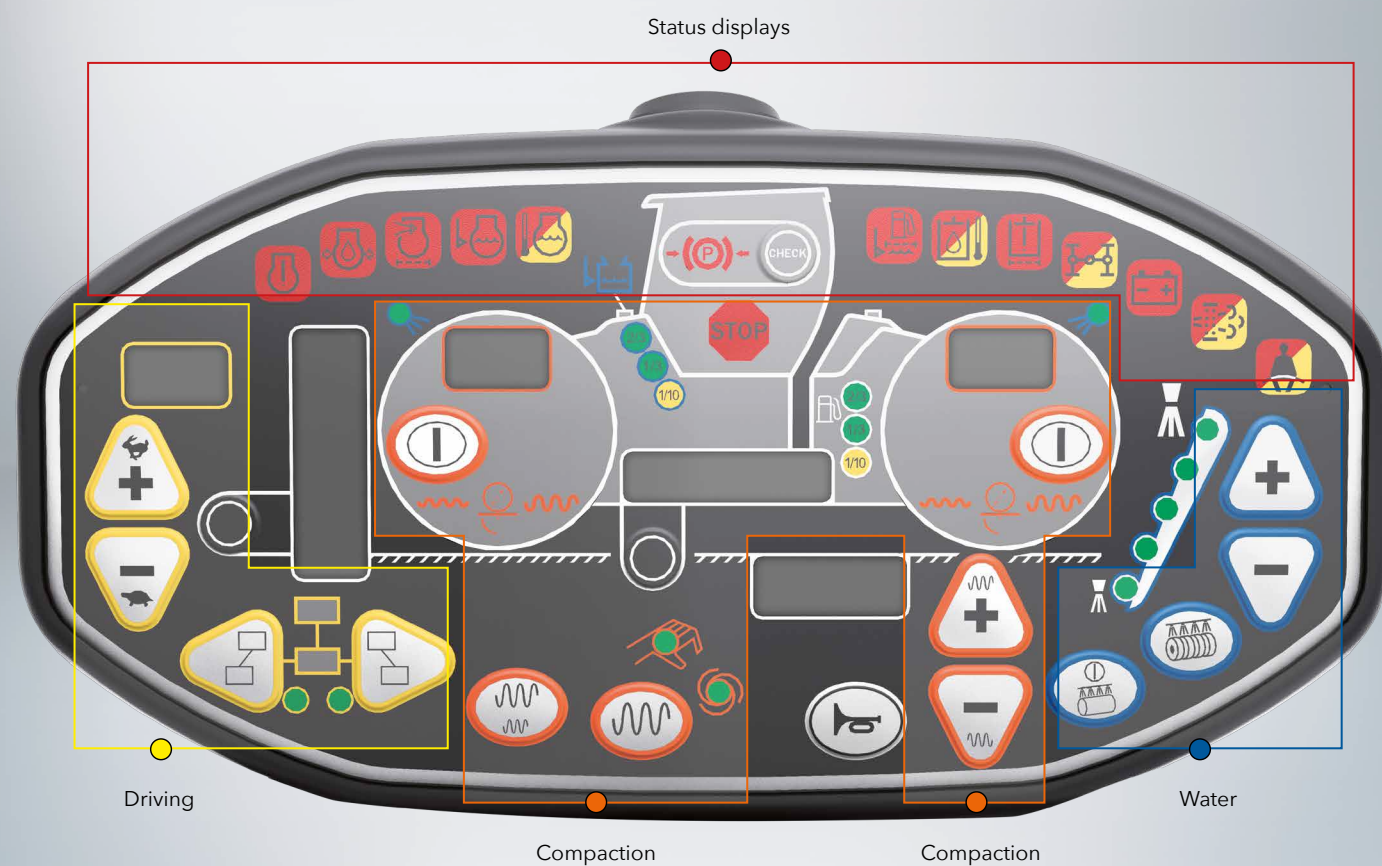
- 6 >> OPERATION**
Ergonomically optimised operator's platform with mechanical seat movement and rotation; wide range of adjustment possibilities. Continuously adjustable steering column. Language-neutral design.
- 7 >> STEERING**
3-point articulation. Large track offset.
- 8 >> DRIVE CONTROL**
Safe drive control with joystick and steering wheel. Pre-selection of maximum speed as standard. Automatic system for gentle braking and acceleration.
- 9 >> HAMMTRONIC**
Electronic machine management system fitted as standard for monitoring of all engine and vehicle functions. Automatic adjustment of drive, vibration or oscillation drive and engine speed to the prevailing operating conditions. Significant reduction in fuel consumption, exhaust and noise emissions.

- 10 >> ENGINE**
Future-proof, water-cooled engines with advanced exhaust post-treatment in line with the applicable regulations (EU Stage IIIA / EPA Tier 3). Low-noise, environment-friendly operation. Optional fuel pre-filter available.
- 11 >> WIDE RANGE OF DRUMS**
Available with two vibrating drums (VV), with vibrating and oscillation drums (VO) or as a combi roller (VT).
- 12 >> EDGE PRESSING AND CUTTING EQUIPMENT**
Option. Enables precise edge finishing. Clearly visible position. Pressing rolls and cutting wheels available in many diameters and angles. Track indicator and separate water sprinkling system included.
- 13 >> WATER TANKS**
Two large tanks. Even filling and weight distribution thanks to interconnecting pipework.

- 14 >> WATER SPRINKLING SYSTEM**
One spray bar per drum. Arranged in such a way that the spray bar and drum can be seen by the driver. Simple mounting and removal of spray nozzles and spray bars. Triple water filtration. Five sprinkling stages with speed control.
- 15 >> HCQ MODULES**
Option. HAMM Compaction Meter (HCM) for the evaluation of rigidity when compacting asphalt. HAMM Temperature Meter (HTM) for the measurement and display of asphalt surface temperature.
- 16 >> HCQ NAVIGATOR**
Option. HCQ Navigator for comprehensive compaction control and documentation as well as exceptionally uniform compaction.
- 17 >> BELT BUCKLE MONITORING**
Option. Acoustic and visual alert on the display if the safety belt is not being worn or is not locked.

HD+

Simple, intuitive operation



Operation of the HD+ is clear and easy to follow, and thus very easy to learn.

Simple, logical and language-neutral

Straightforward operation is one of the hallmarks of the HAMM rollers. In the HD+ as well, drivers will find to all the important display and control elements on the dashboard. Less important or less frequently-used operating elements are positioned at the front of the cabin or at ceiling height. Moreover, all displays are language-neutral. Clear symbols and logical layout are a major contribution to intuitive operation.

The HD+ rollers are also impressive in terms of ergonomics and comfort. For example, the seat in the HD+ series of tandem rollers is permanently attached to the steering column including the dashboard. As a result, all of the displays remain within the driver's field of vision in any sitting position.



Ready to go - by day or night

See and be seen - important criteria for quality and safety when working at night. That is the reason why the HD+ comes fitted with numerous halogen lights as part of the standard specification (LED lighting optional). They illuminate an extensive area around the roller, thus enabling work to be

carried out as accurately and safely after dark and in tunnels as it is in daylight. On request, additional LED drum edge lighting provides optimal illumination of critical areas.



Service & maintenance: simply easy.

Easily accessible,
few operations

The HD+ enables fast and easy
maintenance – the best recipe for
ensuring that it is done regularly!



Wide-opening door.

Easily accessible
filters and dipsticks.

Fold-up steps on the
drums for easy filling.

Easily replaceable
scrapers.

Efficient service

To ensure fast and thorough servicing, HAMM uses the WIRTGEN GROUP's service diagnostic tool WIDIAG. For customers who also want to exploit the benefits of remote diagnostics and an efficient fleet management system, the HD+ can be equipped with the WITOS FleetView telematics system.

Maintenance quickly completed

With long maintenance intervals and few maintenance items, HAMM makes life easier for workshop technicians. For example, all items requiring routine maintenance are grouped together on the same side of the machine. Here, a large, wide-opening door to the engine compartment provides optimum access to the filters and dipsticks.

Modern engine technology

The HD+ series rollers come equipped with dependable and robust engine technology. In all models, the environment-friendly engines comply with the requirements of the applicable exhaust emission standard (EPA Tier 3 or EU Stage IIIA).

A supplementary fuel filter can also be installed. It eliminates excess water from the diesel fuel, ensuring reliable operation.



No compromises

Maximum compaction quality at all times
– even where space is tight

HAMM offers numerous models in the HD+ series. They differ in drum width, operating weight, compaction type (vibration or oscillation drum or rubber wheels) and engine output. In addition, there are many options with which each machine can be precisely tailored to meet local or technical requirements. But they all have one thing in common: thanks to their outstanding driving and handling characteristics, they deliver top-class compaction even on cramped sites in urban areas because their small turning circle makes compacting child's play even in tight curves.

Elevated drum suspension for maximum side clearance.

An unaccustomed feature on articulated rollers: large track offset for precise edge finishing.



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