



The asphalt professionals
SERIES HD





Splendid all-round visibility

Unobstructed view for safe working

The HD series tandem rollers provide remarkably good visibility - whether from the large operator's platform or from the spacious, fully glazed panoramic cabin. Drivers see everything in the immediate working area around the roller as well as in the general environment of the construction site. The sprinkling system, too, is always in their field of vision. The good visibility thus ensures high-quality compaction and a high level of safety.

Four halogen working lights illuminate the working area.

Unobstructed view of the drum.

The elevated drum suspension gives ample side clearance when working alongside kerbs.





Air conditioning for the cabin is also available as an optional extra.

The well-equipped panoramic cabin of the HD series provides the best possible conditions for high-quality work.

Equipped for comfort

Agreeable working conditions included

The HD series tandem rollers offer drivers an agreeable working environment with plenty of space in the cabin or on the operator's platform. Steps are provided on both sides. The seat is comfortable and has many features: it is spring-mounted, can be turned to the left or right, moved backwards or forwards and is also height-adjustable. The rake of the steering column with dashboard is also adjustable. In short: every driver will find their optimum sitting position here.

Dashboard, steering column and drive lever are linked with the driver's seat in a seat-operating unit. This means that the driver always has the dashboard in view, even when he swivels the seat.

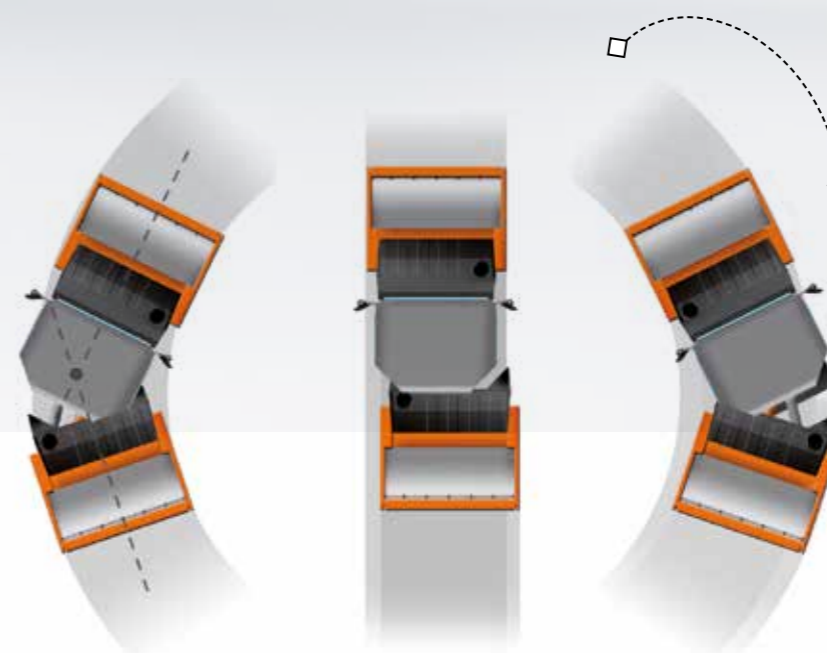
And of course, there are compartments, pockets and nets for the storage of the machine documentation and personal items. A 12 V socket is provided as standard, a radio is an optional extra.

The comfortable seat-operating unit can be turned by 45° to either side.





The articulated joint of the HD series ensures good directional stability, high stability in curves and a high level of driving comfort.



Excellent driving and steering characteristics

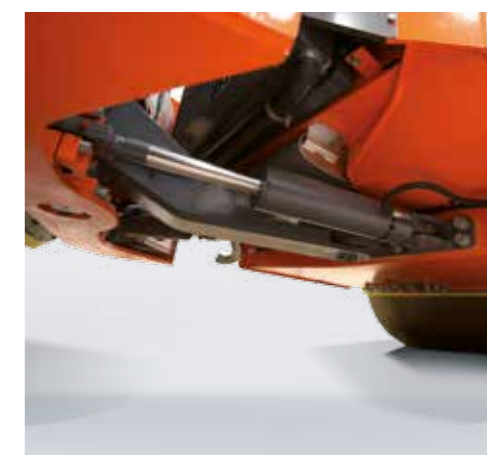
Small turning circle for maximum agility

The articulated tandem and combination rollers in the HD series can also compact swiftly in tight curves thanks to their extremely small turning circle - under 4 m, according to model.

In addition, the drum tracks can be offset to the right or left. This function is available in all driving situations. It enables complete and thorough compaction right up to the edge. When rerolling and finishing, the wider working width ensures a high surface quality.

Precise steering, safe driving

The 3-point articulation in the HD series tandem rollers offers drivers exceptionally good driving stability and steering characteristics, providing unrivalled directional stability with great driving comfort. Moreover, the 3-point articulation ensures uniform weight distribution over the front and rear sections, even at full steering lock. This results in very smooth asphalt surfaces, because asphalt movement and lateral deformations are prevented from the outset. In addition, the risk of tipping in tight curves is significantly reduced due to the 3-point articulation.



The 3-point articulation makes for outstanding directional stability.

Overview of the technical highlights

VISIBILITY
Optimum compaction quality and safe operation thanks to the outstanding overview of the machine and construction site from any sitting position.

ROBUST ENGINEERING
The intelligent design has proved its worth for many years all over the world and stands out for its robust execution.



- 1** **CABIN**
ROPS cabin with perfect all-round visibility. Outstanding view of the machine and surrounding construction site from the driver's seat. Good headroom. 12 V socket and storage compartments as standard. Available with air conditioning (option).
- 2** **ROPS / PROTECTIVE ROOF**
Option. All machines available with ROPS, with or without protective roof according to preference.
- 3** **EASE OF OPERATION**
Comfortable driver's seat, many adjustment options, may be turned to either side. Height-adjustable backrest. Adjustable steering column rake.
- 4** **3-POINT ARTICULATION**
The special kinematics ensure even weight distribution, first-class directional stability and outstanding driving stability.
- 5** **ENGINE TECHNOLOGY**
Robust, water-cooled 4-cylinder engines. Comply with EU Stage IIIA / EPA Tier 3 exhaust emission standards. Additional fuel pre-filter available as an option.

LARGE SIDE CLEARANCE
Elevated side panels for large side clearance. Enables compaction right up to the edge.

3-POINT ARTICULATION
Ensures even weight distribution and outstanding directional stability. Significantly reduced risk of tipping in curves.

SIMPLE MAINTENANCE AND SERVICING
All maintenance points are easily accessible on the same side of the machine.

- 6** **WIDE RANGE OF DRUMS**
Available with two vibrating drums (VV), with vibrating and oscillation drums (VO) or as a combination roller (VT).
- 7** **EDGE PRESSING AND CUTTING EQUIPMENT**
Option. Enables precise edge finishing. Pressing rolls and cutting wheels available in many versions.
- 8** **WATER SPRINKLING SYSTEM**
One spray bar per roller drum. Arranged in such a way that the spray bars can be seen by the driver. Simple mounting and removal of spray nozzles and spray bars. Triple water filtration.
- 9** **FREQUENCY CONTROL**
Option. Maintains a constant preset vibration frequency. Engine speed and hydraulic systems are governed accordingly.
- 10** **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.





On the dashboard, the driver can see all important operating conditions including vibration frequency and speed.

Minimum number of switches – maximum clarity

Systematic operation

HAMM makes life easy for roller drivers: other than the steering wheel and the two drive levers, there is just one clearly laid-out dashboard on the steering column. The switches on this dashboard are grouped together in a logical arrangement, so that the functions are discernible at a glance without any need for explanation.

Drive control is by means of two drive levers. They contain the activation switches for the vibration. This means that the two most frequently used functions can be controlled with one hand.

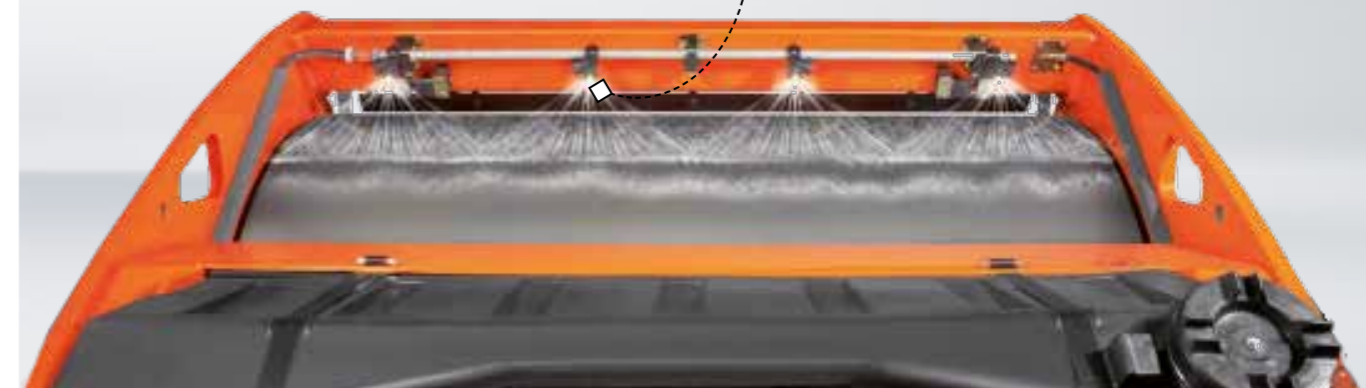
On the dashboard, drivers will find all the status displays that are of importance for operation. They are explained by simple, internationally understandable symbols. The driver is thus always fully informed about the current operating status of the machine – an important prerequisite for high-quality compaction of asphalt surfaces.



The powerful water sprinkling system of the HD series is perfectly visible, easy to operate and maintain.

The spray bar is mounted behind the cross member so that the spray pattern is unaffected by wind.

The fine nozzles operate effectively, yet very economically. The open-top frame provides a clear view of the spray bar and spray nozzles.



Dependable water sprinkling system

The HD series rollers bring a very powerful water sprinkling system with them to the construction site. It begins with the large water tanks. Their volume permits long working days without refilling stops. The tanks are made of opaque plastic in order to prevent algae formation.

The water delivery intervals are preset on the dashboard. Furthermore, a foot switch enables the driver to supply additional water in a matter of seconds should the need arise.

Two pumps are fitted in the rollers to generate the spray pressure. The redundant design guarantees reliable operation and a high level of availability.

The spray bars are mounted in an easily accessible position on the cross member. They can be removed for cleaning, replacement or frost protection in next to no time.



All service items are readily accessible via large doors in the engine compartment.

Robust power train

Efficient and economical

The HD series rollers are powered by robust 4-cylinder Deutz diesel engines. They generate ample output with which to operate all components, even in difficult working conditions. They comply with the EU Stage IIIA / EPA Tier 3 exhaust emission standards, making them environment-friendly with low fuel consumption.

Thanks to the intelligent airflow, the cooling capacity is very high. It enables the rollers to be operated even at high ambient temperatures. Operational reliability can be further increased with an additional fuel filter. This filter removes excess water from the diesel fuel, thereby ensuring reliable operation.

Maintenance and service: done in next to no time

A few minutes is all it takes

The HD series tandem rollers are easy to keep in good running order because they have just a few maintenance points. The checks are quickly dealt with since all relevant places are readily accessible. A few quick steps are all it takes to tilt the cabin hydraulically for cleaning, servicing and inspection work.

Modern service management


WITOS is the WIRTGEN GROUP's intelligent telematics system for efficient fleet and service management. A SIM card allows the machine data to be transmitted automatically to the WIRTGEN GROUP service professionals. Using this data, they determine the optimum time for the necessary maintenance work. This means that no service is missed, the availability of the HAMM rollers is assured and the machines retain their value for long to come.

Just the job on every site


Many options for countless applications



With four weight classes ranging from 7 to 11 t, the HD series tandem rollers cover a huge spectrum of asphalt compaction applications. The rollers can be tailor-made with cabin or open platform, with edge pressing and cutting equipment and many convenience and safety solutions. In terms of compaction technology, there is a choice of double vibration rollers, rollers with a vibrating and an oscillation drum and combination rollers. Oscillation is particularly efficient, because with this compaction mode developed by HAMM, the desired compaction can be quickly achieved, the impact on the surrounding area due to vibration is reduced and seam compaction optimised. Moreover, compaction can also be carried out at relatively low asphalt temperatures, thus extending the time window for the work.



With halogen working lights.



Many different pressing rolls and cutting wheels are available for the edge pressing and cutting equipment.

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