



HAMM

The asphalt professional
HD 99





Just the job on every site

Many options for countless applications



Robust power train

Efficient and economical

The HD 99 roller is powered by robust 4-cylinder Cummins diesel engines. They generate ample output with which to operate all components, even in difficult working conditions. They comply with the CEV BS III 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.

Unobstructed view for safe working

The HD 99 tandem roller provides remarkably good visibility from the large operator's platform. 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.

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

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

In the 9 t weight class the HD 99 tandem roller covers a huge spectrum of asphalt compaction applications. The roller can be tailor-made 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.

Unobstructed view of the drum.



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



Excellent driving and steering characteristics

The articulated joint of the HD 99 ensures good directional stability, high stability in curves and a high level of driving comfort.



Manoeuvring made easy: the HD 99 tandem roller has a very small turning circle and the track offset (option) enables compaction with an increased working width.

Large track offset in both directions.



Precise steering, safe driving

The 3-point articulation in the HD 99 tandem roller 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.

Small turning circle for maximum agility

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

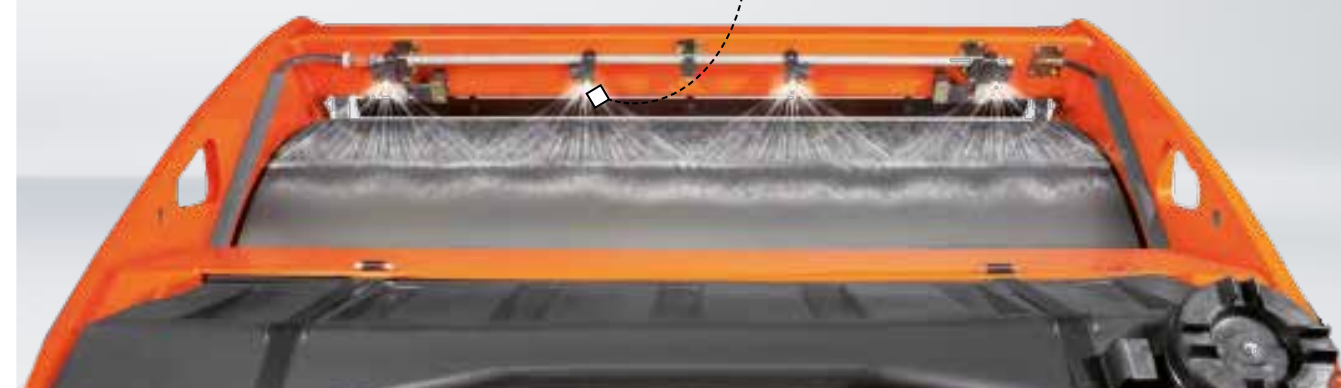
Optional the drum tracks can be offset to the right or left. This function is available in all driving situations. It enables complete and thorough compaction right up to the edge. When rerolling and finishing, the wider working width ensures a high surface quality.



The powerful water sprinkling system of the HD 99 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 99 roller brings a very powerful water sprinkling system with it 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.

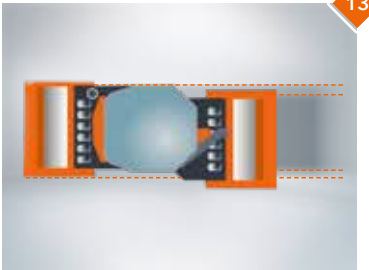
The water delivery intervals are preset on the dashboard. Furthermore, a foot switch enables the driver to supply additional water in a matter of seconds should the need arise.

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.

Overview of the technical highlights

ICS
INTELLIGENT
COMPACTION
SYSTEM



- 1 >> CANOPY AS STANDARD**
FRP canopy as standard equipment for more comfort. Canopy can be manually retracted for transport in no time.
- 2 >> EASE OF OPERATION**
Comfortable driver's seat on the vibration-isolated operator's platform, many adjustment options and also adjustable steering column rake.
- 3 >> 3-POINT ARTICULATION**
The special kinematics ensure even weight distribution, first-class directional stability for safe maneuvering and outstanding driving stability even on uneven ground.
- 4 >> ENGINE TECHNOLOGY**
Robust, water-cooled 4-cylinder engines. Comply with CEV BS III exhaust emission standards. Highly fuel efficient, has a low noise level and provides environmentally friendly operation. Additional fuel pre-filter available as an option.
- 5 >> ENGINE SAFETY**
Safety alarm and indication of high cooling water temperature as well as engine cut-off in event of low lubricant oil pressure.
- 6 >> OIL AND WATER COOLER**
Efficient oil and water cooling. The volume flow of cooling air adapts to the required cooling capacity. This reduces both power consumption and noise emissions.
- 7 >> EASE OF SERVICEABILITY**
All standard filters have been arranged on RHS of machine. The air filter, hydraulic and fuel filter cartridges can easily be changed by hand.
- 8 >> CLEAR INFORMATION DISPLAY**
Operator's display designed with clear symbols ensures easy operation even without language skills. Display comprehensibly shows the state of the machine and indicates fault signals. Machine equipped with cover to prevent vandalism as part of standard scope of supply.



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.

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.

- 9 >> LARGE CAPACITY TANKS**
Large capacity fuel and water tanks permit longer operation and fewer refueling stops. Water tanks made of opaque PE to prevent algae.
- 10 >> DUAL FREQUENCY**
Two frequencies enable wide variety of asphalt mixes and gravel to be compacted.
- 11 >> WORKING LIGHTS**
Powerful front lights with low-beam and high-beam function, additional rear working light and a tail lamp ensure optimum sight and visibility, even at night time or when working under poor lighting conditions.
- 12 >> WATER SPRINKLING SYSTEM**
One spray bar per roller drum. Arranged in such a way that the spray bars can be seen by the driver. A redundant pump system ensures reliable sprinkling. Even in strong winds spraying remains constant as the spray bars are shielded by the frame. Simple mounting and removal of spray nozzles and spray bars.
- 13 >> DRUMS**
Available with two vibrating drums (VV). Track offset of 100 mm to both sides.
- 14 >> EDGE PRESSING AND CUTTING EQUIPMENT**
Option. Enables precise road edges. Pressing rolls and cutting wheels available in many versions.
- 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 >> INTELLIGENT COMPACTION SYSTEM (ICS)**
Option. ICS minimizes the number of passes, records the output and prevents the danger of over compaction. It also includes the temperature meter for measurement and display of asphalt surface temperature.

HD



Equipped for comfort

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

Excellent working conditions included

The HD series tandem rollers offer drivers an excellent working environment with plenty of space at the operator's platform. Steps are provided on both sides. The seat can be moved backwards or forwards and 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 for the storage of the machine documentation and personal items.

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.



100 years of innovation & experience



Wirtgen India:
Your partner for road and
mineral technologies



It was in 1911 when Hamm developed the first road compaction equipment with a diesel engine – since then our innovative team has been designing trend-setting machinery. Today, HAMM is the world's major producer of asphalt rollers and soil compactors.

HAMM is famous worldwide for powerful and user-friendly compaction machines for a wide variety of jobs associated with road construction and earth works. Moreover, Hamm rollers are convincing because of their ergonomic and innovative design. HAMM has been awarded a total of 20 design prizes for all its innovations.

Wirtgen India, a 100% subsidiary of the Wirtgen Group, has maintained a strong presence in India since 1995, with 22 local Sales and Service offices.

We offer a broad range of services in all areas of road construction and refurbishment. With passion and dedication our highly motivated team ensures your success at the construction site.

Market-leading products and top service with tried and tested quality standards give you the confidence you need in your fiercely competitive environment. The Wirtgen Group's successful brands of long standing will safely keep you on the road to success.



Serie HD



Serie HD CompactLine



Serie GRW 15



Serie HD+



Serie 3000

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