Compact, powerful, comfortable
SERIES H COMPACTLINE
The powerful climbers
Small compactors with enormous climbing ability

In the H CompactLine compactors, HAMM has achieved a splendid combination of extremely compact power train dimensions with an intelligent design and a modern, powerful drive system using wheel motors. As a result, the compactors have a very impressive climbing ability of up to 60%, exceptionally large slope angles and ample ground clearance. That is the reason why they boast such outstanding manoeuvrability - whether in confined spaces or on uneven and steep terrain.

Drive system

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The steering column rake can also be adjusted by means of a pedal, if desired. Drive control via the ergonomically shaped joystick.

Unobstructed view of the drum. Comfortable driver’s seat, swivelling and individually adjustable for height and weight.

On narrow or steep construction sites, the exceptional all-round view and compact design make for easy and safe operation of the roller.

All-round view with driver comfort

Perfect visibility in all directions

The compact design and slender silhouette of the engine hood provide the driver with an excellent view of the drum, the wheels and the area in front, alongside and behind the compactor from the operator’s platform of the H CompactLine. The legal requirements for the field of vision are comfortably exceeded.

Flexibly adaptable to suit all drivers

Drivers are able to adjust their workspace to the most ergonomically effective position. For this purpose, the seat has a wide range of adjustment options. The steering column rake can also be adjusted, if desired. The rear view mirror adjustment has been solved in a highly ingenious way: the driver can easily adjust the mirrors through the front half of the vertically split windows without having to get off - a major benefit when many different drivers operate the same roller, for example in the machine rental segment. By the way: the rear half of the windows can also be opened and adjusted so as to achieve draught-free ventilation.

Visibility

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Perfect visibility in all directions

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Fit for every task
Extensive range of optional equipment for earth work and landscape gardening

The H 5i and H 7i compactors can be configured to suit every market and task thanks to a wide choice of equipment options, for example with a ROPS cabin, air conditioning and radio system, with ROPS with or without protective roof, with various drums, with dozer blade, with the HAMM Compaction Meter, with the HCQ Navigator, with halogen or LED working lights, with telematics interface … and much more besides.

The H CompactLine compactors have been accoladed with the iF design award 2016, which takes into account factors that include intelligent design, degree of innovation and environmental friendliness.
The technical highlights at a glance

Operating elements provide an ergonomic workspace for long, concentrated working.

Easy to manoeuvre, even on rough terrain. Compact dimensions thanks to the compact design.

Selectable and continuous control of all wheels and steering functions for simple, uncomplicated steering.

Smooth, simple operation. Clearly laid-out dashboard with integrated display. Extremely precise joysticks and rugged 3-point articulation.

Large slope angle and powerful drive system enables large climbing angles. Generous ground clearance thanks to compact design.

Outstanding off-road mobility, absorbs shocks and enables safe travel even on uneven terrain.

Active anti-slip control with no electronic components. Enables large climbing angles.

Drive system using hydraulically powered wheel motors. Fast, lossless torque distribution between the front and rear axles with hydraulic, continuously variable 3-point articulation.

Operating hours and cuts wear and tear on the drive system.

WIDE RANGE OF DRUMS 3-POINT ARTICULATION
Option. Available for machines with smooth or padfoot drums.

Improves compaction quality and is exceptionally uniform compaction.

Wider range of drums 3-POINT ARTICULATION
Option. Disconnects battery from the electrical system. Guards against battery discharge.

Minimum shutdown time for short-term work.

Low-noise, environment-friendly operation. Hence operating costs. Reduces the number of noise emissions and fuel consumption.

ECO-MODE
Option. Activates/deactivates vibration at preset upper and lower speed thresholds.

Automatic engine cut-off after an extended period of inactivity. Saves fuel and emissions comply with the applicable regulations.

Automatic vibration system. Optimises compaction performance for the power upper and lower speed limiters.

The H 5i and H 7i are available with smooth drums with or without padfoot segments. Split padfoot segments.

Water-cooled 4-cylinder Kubota engines. The Speed pre-selection with automatic adjustment of the upper and lower speed thresholds.

Operation in ECO mode reduces engine speed, hence operating costs. Reduces the number of

Option. Standardised interface for the transmission of machine data. HCQ Navigator for comprehensive compaction control and documentation as well as exceptionally uniform compaction.

Option. HAMM Compaction Meter for display of compaction parameters.

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Safe and simple

Logical operation
The dashboard on the HAMM H CompactLine can be taken in at a glance and the minimal set of buttons is easily accessible. Unambiguous, logically arranged symbols help to prevent operating errors. All displays are language-neutral so that no special language skills are needed. Every manual operation perfectly matches the arrangement of the operating elements and the layout of the operator’s platform.

First choice for rental
Their ease of operation makes these rollers perfect rental machines because drivers can operate the small compactors correctly and do a good job right from the start. This helps to promote a safe working environment.

The clear operating concept is complemented with useful options for the rental business, such as the telematics interface, electronic battery isolation switch, automatic engine-off function, padfoot segments, special combination scrapers and a VIO drum version.

Future-proof engine technology

Thrifty and quiet
Driving the compactors are quiet, dependable, compact and efficient Kubota diesel engines. They deliver adequate power for efficient compaction and for the drive system at all times. With their advanced engines, the compactors are ready to meet the requirements of the future while fulfilling the applicable legal requirements with an environment-friendly exhaust after-treatment system.

Fast servicing
The maintenance concept is clear and easy to follow with a minimum of service and maintenance items. A routine check on the H CompactLine is quickly dealt with because all items requiring daily maintenance are easily accessible on one side of the engine.

Construction companies and machine rental companies regard the H CompactLine highly for its clear and simple operation, comprehensive standard equipment and speedy maintenance.
With their compact design and short wheelbase, the HAMM H CompactLine compactors are perfect for cramped construction sites. The range of applications extends from path maintenance in landscape gardening to the compaction of trenches. In this kind of infrastructure work, the machines are able to travel even into very steep trenches in order to carry out compaction work, thanks to their remarkable climbing ability. The compactors with VIO drums are especially versatile. They are able to compact dynamically by means of oscillation, even in vibration-sensitive areas – a clear time and quality advantage.