



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 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.

The shape of the front cross member enables a large front slope angle.

Measuring 4.40 m, the H 7i is the world's shortest compactor in the 7 t class.

Good ground clearance

The shape of the rear section results in a large slope angle at the rear.





On narrow or steep construction sites, the exceptional all-round vision 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. Here, the legal requirements for the field of vision are comfortably exceeded and the exhaust system does not intrude into the driver's sight.

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. Incidentally: the rear half of the windows can also be opened and adjusted so as to achieve draught-free ventilation.

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



Unobstructed view of the drum

The steering column rake can also be adjusted by means of a pedal if desired.

Comfortable driver's seat, swivelling and individually adjustable for height and weight

Drive control via the ergonomically shaped joystick



Fit for every task

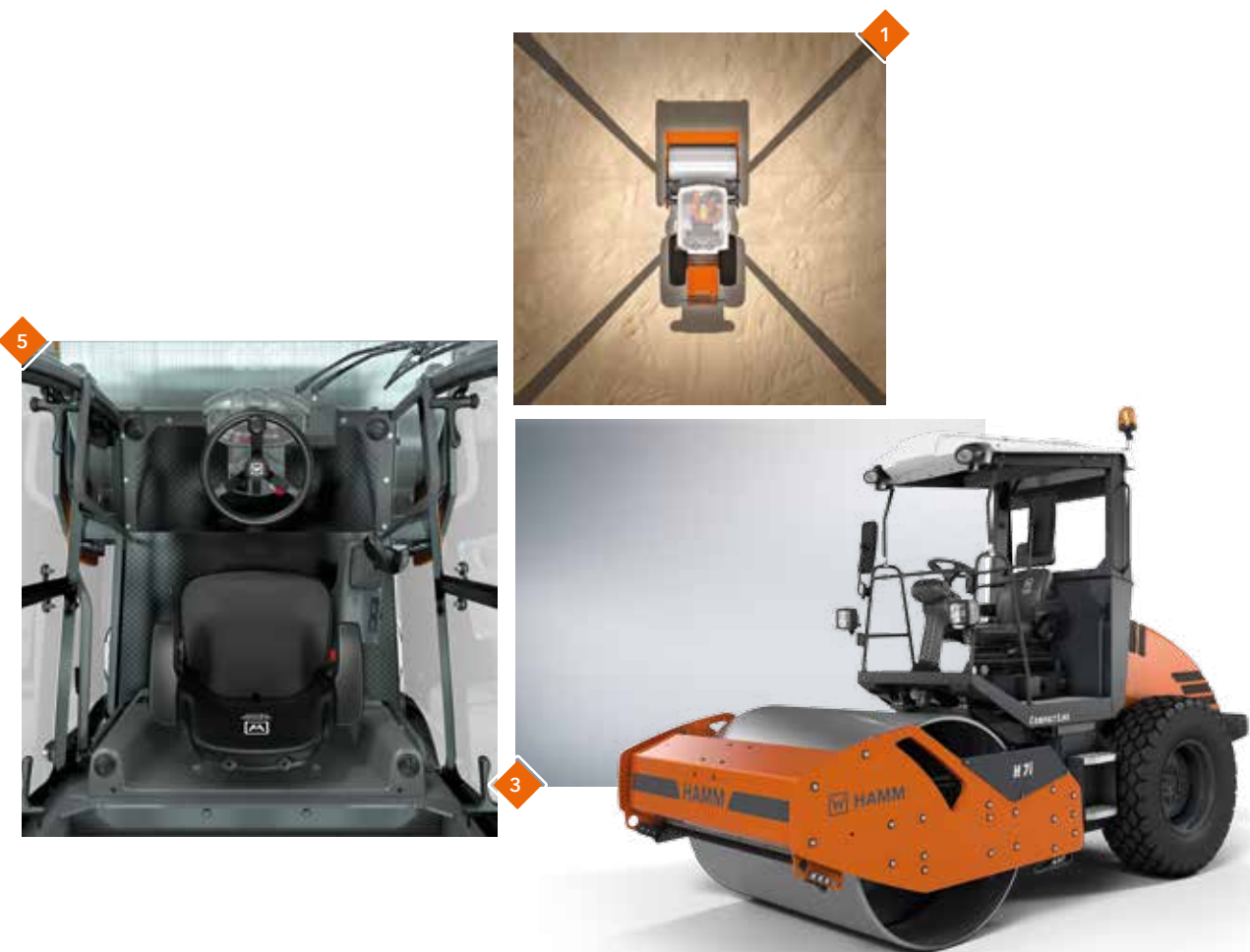
Extensive range of optional equipment for earth work and landscape gardening

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 or the HCQ measurement and documentation system, with special 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.

Overview of the technical features



- 1 **CABIN**
ROPS cabin with perfect all-round visibility. Outstanding view of the machine and surrounding construction site from all sitting positions. Good headroom. Equipped as standard with lunchbox holder, ample storage space and two 12 V sockets for mobile phones, etc. Steps on both sides as standard, optional right-hand door.
- 2 **VENTILATION AND AIR CONDITIONING**
Split windows on both sides ensure draught-free ventilation as well as easy cleaning and adjustment of the mirrors. Air conditioning optional.
- 3 **ROPS**
All machines available with ROPS, with or without protective roof according to preference.
- 4 **LIGHTING**
Bright working lights; halogen as standard or optionally with LED lamps giving natural-looking light.
- 5 **OPERATOR COMFORT**
Comfortable driver's seat, individually adjustable, laterally adjustable (option), adjustable armrest. Adjustable steering column rake (option).

- 6 **OPERATION AND STEERING**
Simple, language-neutral operation. Clearly laid-out dashboard with integrated display. Extremely precise joystick-controlled steering. HAMM Compaction Meter for display of HMV value (option).
- 7 **POWERFUL DRIVE SYSTEM**
Drive system using hydraulically powered wheel motors. Fast, lossless torque distribution between the front and rear axles with hydraulic, continuously active anti-slip control with no electronic components. Enables large climbing angle.
- 8 **AMPLE GROUND CLEARANCE**
Generous ground clearance thanks to compact design with large slope angles. This ensures safe travel even on uneven terrain.
- 9 **3-POINT ARTICULATION**
Outstanding off-road mobility, absorbs shocks. Unrivalled driving stability, resistance to tipping and directional stability provide for secure manoeuvring even on rough terrain.

H
CompactLine

ERGONOMIC WORKSPACE
Seat with multiple adjustment options and operating elements provide an ergonomic workspace for long, concentrated working.

SLOPE ANGLE AND CLIMBING ABILITY
Large slope angle and powerful drive enable compaction of inclines of up to 60%.



VISIBILITY
Safety and high-quality compaction thanks to the outstanding overview of the machine and construction site from all sitting positions.

COMPACT DIMENSIONS
Easy to manoeuvre, even on cramped construction sites, thanks to the compact design.

3-POINT ARTICULATION
Ensures optimum driving comfort and outstanding off-road mobility, absorbs shocks and enables safe manoeuvring, even on rough terrain.

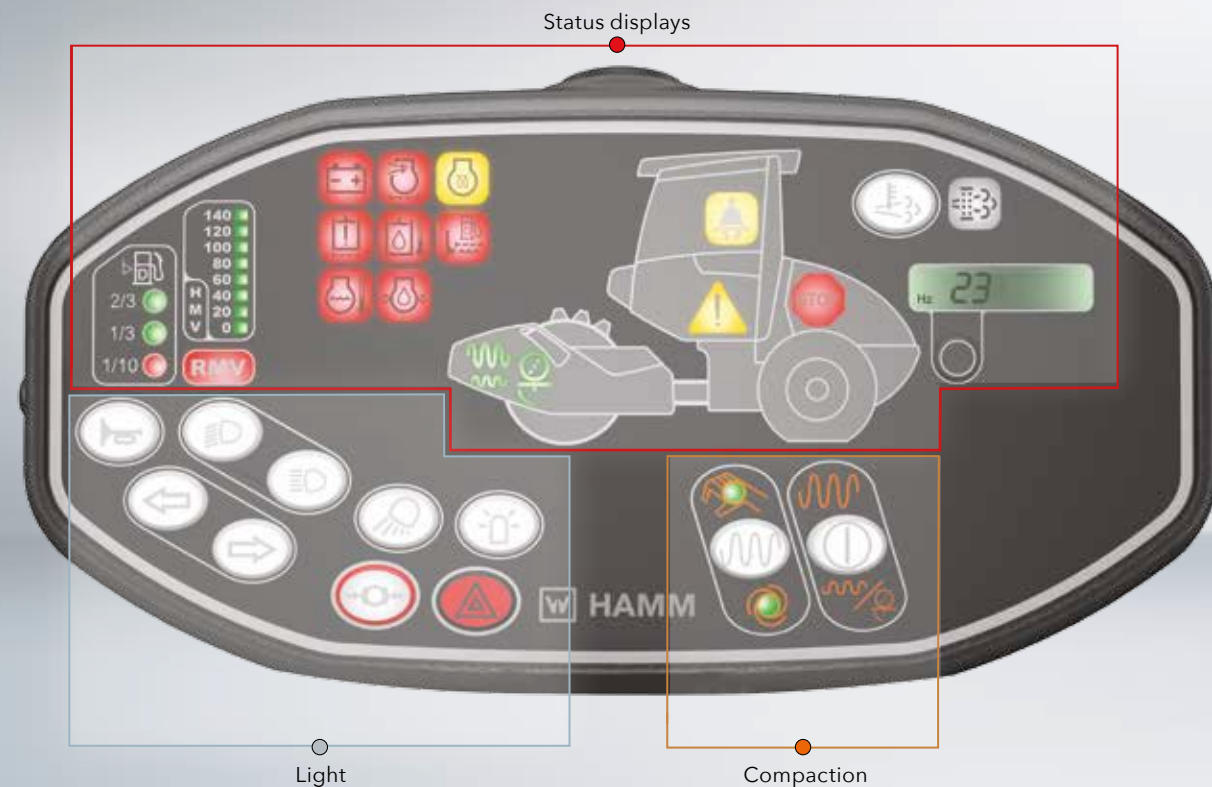
- 10 **ENGINE TECHNOLOGY**
Future-proof, modern, water-cooled 3.3 l Kubota engine with diesel particulate filter (DPF) and automatic soot particle filter regeneration. Complies with the requirements of EU Stage IIIB and US EPA Tier 4. Low-noise, environment-friendly operation.
- 11 **ECO MODE**
Operation in ECO mode reduces engine speed, noise emissions and fuel consumption. Speed pre-selection with automatic adjustment of fuel volume.
- 12 **AUTOMATIC ENGINE-OFF FUNCTION**
Option. Automatic engine cut-off after an extended period of inactivity. Saves fuel and hence operating costs. Reduces the number of operating hours and reduces wear and tear on the power train.
- 13 **WIDE RANGE OF DRUMS**
The H 5i and H 7i are available with smooth drum or padfoot drum. Split padfoot segments also available. H 7i also available with VIO drum (vibration or oscillation).
- 14 **AUTOMATIC VIBRATION SYSTEM**
Option. Activates/deactivates vibration at preset upper and lower speed thresholds.

- 15 **COMPACTION PARAMETERS**
Frequency adjustment in accordance with engine speed as standard. H 5i with fixed amplitude, H 7i with two amplitudes.
- 16 **COMBINATION SCRAPER**
Option. Special scrapers front and rear for smooth drums with or without padfoot segments. Fixed mounting device to hold the scrapers and facility to fix unrequired scrapers securely on the cross member.
- 17 **DOZER BLADE**
Option. Available for machines with smooth or padfoot drums.
- 18 **HCO NAVIGATOR**
Option. HCO Navigator for comprehensive compaction control and documentation as well as exceptionally uniform compaction.
- 19 **TELEMATICS INTERFACE**
Option. Standardised interface for the transmission of machine data.
- 20 **ELECTRONIC BATTERY ISOLATION SWITCH**
Option. Disconnects battery from the electrical system. Guards against battery discharge. Improved theft protection.





The minimal set of buttons is logically arranged. After nightfall, the luminous keys provide the necessary clarity.



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 quickly operate the small compactors correctly and do a good job right from the start. That helps to promote safety.

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 at all times. They do so in a highly environment-friendly manner: thanks to diesel particulate filters (DPF) with automatic regeneration, they fulfil the EU Stage IIIB / EPA Tier 4 exhaust emission standards.

Fast servicing

The maintenance concept is also 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 firms and machine rental companies regard the H CompactLine highly for its clear and simple operation, comprehensive standard equipment and speedy maintenance.

The engine hood opens up in two stages: with a large angle for extensive work and a smaller, easy-to-operate opening angle for daily maintenance.



In ECO mode, the thrifty Kubota engines are particularly efficient.



Specialist for tricky tasks

Great compaction power
in confined spaces

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.



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