Welcome to the compactor of the future!

The operator can reach the driving platform easily and safely via the convenient entry with three large steps and an anti-slip edge at the threshold. There, a comfortable workplace awaits.

The ergonomic seat, operating console and steering wheel are all adjustable. This means every driver will find their ideal working position in which to remain focused for long periods of work.
- excellent visibility
- optimum ergonomics
- latest engine technology
- high slope angles

First-class visibility

The spacious working position with plenty of headroom offers a wealth of storage room. Documents can be safely locked away. What’s more, the HAMM engineers also thought to provide utility space as well as two 12 V connections for a cooler or to charge a cell phone.
Ready for any challenge

High slope angles

The high slope angles of the H series make compaction easier than ever. They enable the compactors to maneuver safely even in uneven or steep terrain.

Impressive compaction power

The H series compactors rise to any challenge with outstanding compaction force. And the static linear load speaks for itself: on the H 16i for example, it’s over 280 lbs/in (50 kg/cm). This means that the compactors are ideally equipped for efficient and speedy compaction with deep penetration.

The right drum for every job

Drums with different exciter systems are available for the H series. In addition to the conventional vibratory drum for all machine models, a VIO drum which can compact using vibration or oscillation is available for the H 13i. Another option is the plate compactor attachment for the H 11i – H 16i models. This ensures optimally compacted surfaces with non-cohesive soils.

Vibratory drum

In the vibratory drums, rapid rotation of a rotary vibrator causes the drum to vibrate with the result that vertical compaction forces are directed into the ground.

VIO drum

Unlike with vibration, oscillation creates a movement during which the drum always remains in contact with the ground. The VIO drum combines vibration and oscillation in one system. The driver can switch between the two compaction systems while moving.
State-of-the-art Deutz diesel engines supply the H-series compactors with clean power. With an output of 214 HP (H 18i, H 20i and H 25i) or 140 HP (H 11i, H 13i and H 16i) the power plants have sufficient reserves for efficient compaction, even under extreme conditions. At the same time, they are extremely environment-friendly: state-of-the-art combustion technology and diesel particle filters with automatic regeneration significantly reduce emissions. As a result, the engines satisfy the strict requirements of Tier 4i / EU III B.

The engine output can be called up in two stages: in “maximum rpm” mode or ECO mode. In the ECO mode, the Hammtronic shows its capabilities and controls the engine speed dynamically, depending on the load requirement. The traction and vibration drives as well as all other components are operated in the optimum range at all times, according to the work situation. This is why the compactors are highly efficient and economical to use.

Efficient and environment-friendly

Optimum fuel consumption without loss of power

Thanks to modern engine technology and highly efficient exhaust gas purification, the particulate and nitrogen oxide emissions of the diesel engines have been greatly reduced.
**The compactors of the future**

**1. Cabin**
Driver’s cabin with excellent all-around visibility. Individually adjustable operating console with integrated display and freely adjustable steering column. Generous headroom.

**16. HCQ Navigator**
Optional HCQ Navigator enables comprehensive compaction monitoring and documentation as well as exceptionally uniform compaction.

**17. Lighting / Headlight**
Bright worklights on the cabin. Halogen as standard, long-life LED technology also available as an option. Main headlight with full beam.

**15. V-scraper (H 18i – H 25i models)**
V-scrapers in front and behind the drum. Fast and easy to change, especially for padfoot segment mounting. Rapid readjustment in case of wear. Special scrapers for padfoot version.

**14. Compaction measurement**
A specially designed area under the front cross member is provided to accommodate easily accessible compaction measuring devices.

**13. Wide range of roller drums**
Available with a smooth drum, padfoot drum, padfoot segments and VC crusher drum.

**12. Hose protection**
Optimum protection against damage thanks to hose protection on both sides ensuring great operational reliability.

**11. High static linear load**
High static linear load of more than 338 lbs/in (H 20i).
2. **Driver comfort**
Comfortable driver’s seat, individually adjustable and rotatable. Outstanding view over the machine and the surrounding construction site from all seat positions.

3. **Steering**
Agile roller with direct steering for reduced driver steering effort.

4. **Drive train**

5. **Oil and water cooler**
Efficient oil and water cooling. The cooling air volume adapts to the cooling requirements. The result is a reduction in energy requirement and noise emissions.

6. **Drive control**
Safe drive control via two joysticks. Preselection of maximum speed is standard. Automatic assistance when reversing makes for gentle acceleration and braking. High top speed (8.7 mph).

7. **Hamtronic**
Comes as standard with the “Hamtronic” electronic machine management for the monitoring of all engine and vehicle functions. Automatic traction control drive, vibration and engine speed to the current operating conditions. Reduces fuel consumption, exhaust gas and noise emissions significantly.

8. **Airflow**
Intelligently designed airflow for effective engine cooling. Engine cooling is ensured without heating up the operator’s platform.

9. **Steps**
Easy access with three wide steps.

10. **Three-point articulation joint**
Outstanding off-road mobility, unique driving stability and directional stability provide for secure maneuvering even on uneven terrain.
Intuitive operation

Intuitive operation is one of the hallmarks of HAMM. This principle has been systematically developed in the new H series compactors.

All the important displays and operating elements are located on the operating console. The clear symbols and logical layout facilitate intuitive operation. Moreover, all displays are language-neutral. Only the controls for the wipers and air conditioner are integrated into the cab ceiling.

From the seat, the operator has a clear view of the machine and work site.

The angle of the steering column is adjustable.
Maintenance and service? Simply easy.

Ergonomics and efficiency in day-to-day maintenance

Easy access to the engine compartment ensures that the minimal servicing and maintenance work required by the H series compactors is always performed in next to no time. All service points and the battery are in easy reach. Cleaning and changing the innovative air filter is now easier than ever.

The H series rollers also come standard with a secure storage space under the engine cover in which to keep a toolbox for example.

On the larger H 18i – H 25i models, an electric hood opening/closing system makes it easier to open and close the engine cover.
Excellent visibility in all directions
Additional safety is provided by the rear view camera (optional). A display allows the driver to check for the presence of people or obstructions in the area immediately behind the roller at any time. The camera can also be fitted as an upgrade to existing machines.

The H series compactors are fitted with halogen work lights on the cab as well as machine mounted driving lights. As an alternative, especially long-lasting LED lamps can also be installed on the cab.

World class design

Since 1998, HAMM has received at least one design award for every newly developed machine series. The H series maintains this tradition in impressive style, having received a total of five international design awards. Here, in addition to visual design, particular attention is placed on factors such as the workmanship, degree of innovation, environmental impact, functionality and ergonomics. HAMM leads the field in all these categories.