PRODUCTS
A factory full of innovations

Where the heart of compaction beats

In the heart of Europe, surrounded by a wonderful region full of ponds in the north of Bavaria, lies Tirschenreuth. There, in 1878, Franz and Anton Hamm founded the “Maschinenfabrik Gebr. HAMM” firm. Since the beginning of the 20th century, our company has concentrated on the manufacture of rollers for road building. From that time on, HAMM has been the driving force and trendsetter in the industry. Many technologies and solutions that have become the standard in the compaction sector were developed by HAMM. Today, HAMM is the world market leader in the road roller segment.

At the parent plant in Tirschenreuth, a team of highly motivated engineers and technicians work to develop the rollers. The extensive machine programme encompasses various tandem rollers, a wide choice of compactors as well as pneumatic tyre rollers. Modern solutions with which to optimise the compaction process round off the product portfolio. These allow HAMM to offer practical, tailor-made solutions for every compaction task in road building and earthwork.

We produce all HAMM rollers as well as the drums at the Tirschenreuth factory. State-of-the-art production processes allow every machine to be finished individually to customer specification. Extensive quality testing accompanies the production process.
The factory

**ADMINISTRATIVE BUILDING**
The administrative building houses the sales and development centre, customer support and the majority of the non-technical departments. The technical highlight of the building is the energy provision: Below the car park, a geothermal energy plant collects renewable energy from the depths, which is used for particularly environmentally friendly cooling or heating.

**DRUM FACTORY**
In the drum factory, we produce the drums for all HAMM rollers.

**LOGISTICS CENTRE**
From here, state-of-the-art warehouse systems with highly optimised processes supply our production with all the parts they need.

**ASSEMBLY HALL FOR LARGE MACHINES**
This is where the HAMM rollers are produced on a highly efficient cyclic assembly line.

**TESTING HALL**
Before delivery, every HAMM roller must pass a comprehensive testing programme on one of our testing bays.

**CTT**
We train roller operators as well as workshop and service technicians in our modern CTT (Centre for Training and Technology).

**SHIPPING**
In this area, our shipping team prepares the rollers for delivery to customers.

**ENDURANCE TEST TRACK**
Endurance testing for new developments: Before series production can begin, we subject our prototypes to months-long endurance tests on two testing facilities that include steep slopes, moguls and a vibration section. Here, the rollers run autonomously.
Product programme
State-of-the-art technology for road building and earth work

**SERIES H COMPACTLINE**
- **5 models**
  - 5 - 7 t
  - HRC
  - Pages 6/7

**SERIES 3000**
- **35 models**
  - 10 - 25 t
  - LRC
  - Pages 12/13

**SERIES H**
- **22 models**
  - 11 - 25 t
  - HRC
  - Pages 8/9

**SERIES HD COMPACTLINE**
- **35 models**
  - 1.5 - 4.5 t
  - LRC / HRC
  - Pages 14/15

**SERIES VC**
- **2 models**
  - 25 t
  - LRC / HRC
  - Pages 10/11

**SERIES HD+**
- **58 models**
  - 7 - 14 t
  - LRC / HRC
  - Pages 16/17
Exhaust emission legislation abbreviations

**LRC:** Low Regulated Countries (up to EPA Tier 3)

**HRC:** High Regulated Countries (EPA Tier 4, EU Stage V)
Compact climbers
All-rounders for earth work

Great compaction force – even for small sites

The exceptionally small compactors in the H CompactLine series offer an enormous climbing ability of up to 60% and maximum ground clearance, because the drive is provided via modern wheel motors. In addition, the 3-point articulation together with a very short wheel base ensures optimum driving and handling characteristics. The H CompactLine machines are also very short, making them predestined for cramped construction sites and compaction on uneven ground.

The operator’s platform or cabin of the H CompactLine stand out for their exceptional visibility and ease of operation. In addition, drivers can very quickly adjust the ergonomically optimised workspace to their individual height and weight. This makes the H CompactLine models perfect for machine rental.
VISIBILITY
Safety and high compaction quality thanks to the outstanding overview of the machine and its surroundings – from any sitting position.

SLOPE ANGLE AND CLIMBING ABILITY
Large slope angle and high-performance power train enable compaction on inclines of up to 60%.

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

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.

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V: Vibration
VIO: Vibration - Oscillation
P: Padfoot drum
Powerful heavyweights for earth work

Powerful and easy to operate

Clean compaction force

The H series compactors are powerful professionals with great compaction force for today’s earth work. Off-road, the compactors display their qualities to the full because, thanks to the 3-point articulation and the large slope angles at the front and rear, they are extremely manoeuvrable with optimum driving stability. Here, modern engines with future-proof technology ensure very low emissions.

The cabin or operator’s platform is ergonomically optimised and the compactors are especially convenient and simple to operate thanks to Easy Drive. In addition, there is an excellent view of the drum and the working environment around the machine. Maintenance, too, is straightforward thanks to the wide-opening engine hood. This simplifies access to the filters and daily maintenance items.
SLOPE ANGLE AND CLIMBING ABILITY
Large slope angle and high-performance power train enable compaction on inclines in excess of 60%.

VISIBILITY
Safety and high compaction quality thanks to the outstanding overview of the machine and its surroundings – from any sitting position.

LARGE LINEAR LOAD
Extremely high linear loads – up to 78 kg/cm according to the model.

ERGONOMIC WORKSPACE
The Easy Drive operating concept and many convenience options make for an ergonomic workspace and long, concentrated working.

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

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### Basic data

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**V**: Vibration
**VIO**: Vibration - Oscillation
**P**: Padfoot drum
**C**: Climbing (high gradability)
Rock crushing and compacting

One roller for two jobs
Rock crushing and compacting

The VC compactors with crusher drum crush and compact rock in one operation. This significantly simplifies and speeds up many processes, ultimately saving time and resources.

The VC tool changing system is used to equip the drums with special cutting tools. With these tools, they can crush stone, loosen rock, grade or prepare routes in rocky terrain, maintain underground accessways and much more besides. A further option is to fit the tool holders with padfoot inserts, making the VC compactor ready to compact cohesive soils.

In order to master these tasks effortlessly, the VC compactors are equipped as heavy-duty machines, able to tackle slopes of up to 60%, crushing and compacting as they go, thanks to their high-performance power trains.

Great versatility thanks to clever VC tool changing system
**VC**

**ROBUST SPECIFICATION**
Extremely robust design with heavy-duty components.

**CLIMBING ABILITY**
High-performance power trains and the Hammtronic electronic machine management system fitted as standard enable an exceptional climbing ability of up to 60%.

**VC TOOL CHANGING SYSTEM**
Fast tool-changing for high productivity. May also be easily carried out on-site.

**HIGH POINT LOAD**
High crushing force thanks to maximum point load of up to 50 t per cutting tool.

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

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### Basic data

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</table>

**VC**: Crusher drum  
**HT**: Hammtronic
The tried and tested compactors
Flexible use in earth work

Robust engineering for all markets

The 3000 series compactors greet drivers with a spacious cabin or operator’s platform and an inviting workspace. Operation of the compactors is extremely easy and the visibility they offer is also top-class.

While carrying out compaction work on-site, the compactors stand out for their high compaction power, small turning circle and low noise emissions. Their fuel consumption is also impressively low, especially on the models equipped with the Hammtronic machine management system. It is also responsible for a very good climbing ability of over 60%.
VISIBILITY
Safety and high compaction quality thanks to the outstanding overview of the machine and its surroundings – 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.

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

CLIMBING ABILITY
The ingenious power train concept provides great climbing ability, especially on rollers equipped with Hammtronic.

SIMPLE MAINTENANCE AND SERVICING
All daily maintenance items are located in readily accessible positions on the same side of the machine – the most important prerequisite for fast checks.

<table>
<thead>
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V: Vibration
VIO: Vibration - Oscillation
P: Padfoot drum
The agile all-rounders
The wasp-waist rollers

Top-quality compact rollers

The articulated compact rollers in the HD CompactLine, with operating weights between 1.5 and 4.5 t, are real all-rounders for asphalt construction, earthwork and landscape gardening. Their operation is extremely easy and calls for no special language skills. Moreover, the wasp-waist rollers impress on account of their optimum visibility and outstanding driving and handling characteristics attributable primarily to the 3-point articulation.

With more than 30 models and drum widths from 0.80 to 1.38 m, the HD CompactLine covers the entire spectrum of compact rollers with vibrating, oscillation and combi rollers. In addition, there are numerous options such as chip spreaders or a cabin for the larger models, as well as various lighting options.

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TT: 2 set of tyres
**VISIBILITY**
The wasp waist and longitudinally mounted engine provide an excellent view of the drum edges, machine and surrounding construction site.

**EASY TRANSPORT, EASY LOADING AND UNLOADING**
Central lifting point and many lashing points for fast and safe loading/unloading.

**COMPACT DIMENSIONS**
High-quality compaction, even in cramped conditions, thanks to compact dimensions.

**INTELLIGENT WATER SYSTEM**
Dependable water supply thanks to triple filtration; additional activation via foot switch. Easy complete draining.

**LARGE ROLLER DRUM DIAMETERS**
Roller drums with large diameters actively reduce tearing and overlapping and promote high-quality compaction.

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**HD CompactLine**

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</table>

Machines in accordance with EPA Tier 3 / EPA Tier 4 / EU Stage V

| HD 8 | 1.5 | 800 | 16.8 | 862 | • | • | • |
| HD 10C | 1.5 | 1000 | 16.8 | 1064 | • | • | • |

Machines in accordance with EPA Tier 3

| HD 10 | 2.5 | 1000 | 22.9 | 1050 | • | • | • | • |
| HD 12 | 2.5 | 1200 | 22.9 | 1250 | • | • | • | • |
| HD 13 | 4.0 | 1300 | 34.6 | 1350 | • | • | • | • |
| HD 14 | 4.5 | 1380 | 34.6 | 1430 | • | • | • | • |

Machines in accordance with EPA Tier 4 / EU Stage V

| HD 10 | 2.5 | 1000 | 18.5 | 1050 | • | • | • | • |
| HD 10i | 2.5 | 1000 | 24 | 1050 | • | • | • | • |
| HD 12 | 2.5 | 1200 | 18.5 | 1250 | • | • | • | • |
| HD 12i | 2.5 | 1200 | 24 | 1250 | • | • | • | • |
| HD 13i | 4.0 | 1300 | 37.4 | 1350 | • | • | • | • |
| HD 14i | 4.5 | 1380 | 37.4 | 1430 | • | • | • | • |

VV: Vibration (front) - Vibration (rear)  VO: Vibration (front) - Oscillation (rear)  VT: Vibration (front) - Set of tyres (rear)  C: Clear Side (single-sided drum suspension)
First-class compaction
Uncompromisingly good

Outstanding handling, high compaction power

The articulated tandem rollers in the HD+ series cover the range between 7 and 14 t with over 50 models. The XXL cabin or platform offers spacious and comfortable working conditions. From this workspace, drivers have an excellent overview of the drums, water sprinkling system and surrounding area.

With their exceptionally favourable weight distribution, the HD+ series rollers stand out in terms of handling and compaction characteristics. Whether straights, slopes, bends or roundabouts: these rollers quickly produce perfectly smooth surfaces. With easy edge-finishing in mind, HAMM has made the track offset extra large. And last but not least, the HD+ series rollers are equipped with large water and diesel tanks for long working days without refilling stops. This greatly boosts productivity.
**VISIBILITY**
Safety and high compaction quality thanks to the outstanding overview of the machine and its surroundings – from any sitting position.

**OPERATION**
Safe, intuitive operation thanks to clear, language-neutral operating elements and an ergonomically optimised workspace.

**HIGH COMPACTION POWER**
With large drum diameters and widths, and with a working weight to match, the HD+ series rollers compact quickly and to a very high quality.

**LARGE WATER TANKS**
Even weight distribution on account of two large water tanks with interconnecting pipework.

**3-POINT ARTICULATION**
The special kinematics ensure even weight distribution, first-rate directional stability and outstanding driving stability.

### HD+

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**VV:** Vibration (front) - Vibration (rear)
**VV-S:** Vibration, split (front) - Vibration, split (rear)
**VO:** Vibration (front) - Oscillation (rear)
**VO-S:** Vibration, split (front) - Oscillation (rear)
**VT:** Vibration (front) - Set of tyres (rear)
**VT-S:** Vibration, split (front) - Set of tyres (rear)
**PH:** Power Hybrid

**Note:** The above specifications and options may vary depending on the specific model and region. For detailed information, please consult the manufacturer’s official documentation or contact a authorized dealer.
Rollers with clear vision
Powerful, precise and productive

The premium class for asphalt compaction

On the pivot-steered tandem rollers in the DV+ series, the Easy Drive operating concept ensures top-class ergonomics and ease of operation. From the fully glazed panoramic cabin with optimum visibility, the driver enjoys a good view of the drum edges, the edge pressing and cutting equipment and the construction site at all times. Additional viewing panels in the cabin floor also allow him an uninterrupted view of the drums or wheels.

Thanks to their pivot steering with very large track offset, the DV+ series rollers can be controlled very precisely in four different steering modes. In addition, the rollers are fitted with split vibrating drums as standard. Together with the uniform weight distribution and the automatic system for gentle acceleration and braking, they produce asphalt surfaces of impeccable smoothness – even in tight curves.
VISIBILITY
Safety and high compaction quality thanks to the outstanding overview of the machine and its surroundings – from any sitting position.

EASY DRIVE
Safe, intuitive operation thanks to clear, language-neutral operating elements and an ergonomically optimised workspace.

LONG WORKING INTERVALS
Highest productivity thanks to generously dimensioned fuel and water tanks.

WATER SYSTEM
Even weight distribution on account of two large water tanks with interconnecting pipework. Fast, safe replenishment via central pressurised filling system.

STEERING
Precise steering in all situations thanks to pivot steering with large turning angles, large track offset and four steering modes.

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**DV+**

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<td>Engine power (kW)</td>
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<tr>
<td>DV+ 70i</td>
<td>7</td>
<td>1500</td>
<td>55.4</td>
</tr>
<tr>
<td>DV+ 90i</td>
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<td>1680</td>
<td>74.4</td>
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</tbody>
</table>

Machines in accordance with EPA Tier 4 / EU Stage V

VV-S: Vibration, split (front) – Vibration, split (rear)
VO-S: Vibration, split (front) – Oscillation (rear)
VS-OS: Vibration, split (front) – Oscillation, split (rear)
VT-S: Vibration, split (front) – Set of tyres (rear)
The asphalt professionals
Sturdy and robust

At home on every construction site

The HD series tandem rollers are highly valued professionals for asphalt construction the whole world over. From the ergonomically optimised driver platform or spacious cab, the driver has everything in view: the drum, the water sprinkling system and the surrounding construction site. High-quality compaction is assured thanks to the 3-point articulation, very small turning circle and large track offset.
VISIBILITY
Excellent overview of the machine and construction site from every sitting position for safe, high-quality compaction.

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
The special kinematics ensure even weight distribution, first-rate directional stability and outstanding driving stability.

SIMPLE MAINTENANCE AND SERVICING
All daily maintenance items are located in readily accessible positions on the same side of the machine - the most important prerequisite for fast checks.

<table>
<thead>
<tr>
<th>HD</th>
<th>Weight class (t)</th>
<th>Drum width (mm)</th>
<th>Engine power (kW)</th>
<th>Working width max. (mm)</th>
<th>VV</th>
<th>VO</th>
<th>VT</th>
<th>Track offset</th>
<th>Edge pressing and cutting equipment</th>
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<tbody>
<tr>
<td>HD 70</td>
<td>7</td>
<td>1500</td>
<td>55.4</td>
<td>1600</td>
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<td>HD 75</td>
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<td>55.4</td>
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<td>HD 90</td>
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<td>HD 110</td>
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</tr>
</tbody>
</table>

VV: Vibration (front) - Vibration (rear)  
VO: Vibration (front) - Oscillation (rear)  
VT: Vibration (front) - Set of tyres (rear)
**Innovation on 8 wheels**
The flexible power packs

The HP series pneumatic tyre rollers impress every step of the way in asphalt construction and earth work. Drivers enjoy a spacious and comfortable operator’s platform available with a panoramic cabin or as an open version. An asymmetric frame and the intelligent machine design provide for excellent visibility. Another feature is the language-neutral operation. It makes work easier for drivers and ensures safe operation.

Well-thought-out solutions such as the intelligent ballasting concept provide for the best possible compaction results, as this allows the vehicle weight to be quickly adjusted on the construction site. In addition, the exceptionally versatile water sprinkling system with its innovative additive supply and the modern drive offer excellent quality and productivity. With a wide range of options available, the HP series rollers can also be adapted to regional requirements anywhere.

**Modern concept for first-class compaction**

The HP series pneumatic tyre rollers impress every step of the way in asphalt construction and earth work. Drivers enjoy a spacious and comfortable operator’s platform available with a panoramic cabin or as an open version. An asymmetric frame and the intelligent machine design provide for excellent visibility. Another feature is the language-neutral operation. It makes work easier for drivers and ensures safe operation.
**VISIBILITY**
Excellent overview of the machine and construction site from every sitting position for safe, high-quality compaction.

**LARGE DRIVER PLATFORM / CABIN**
Large, well-appointed panoramic cabin or large operator's platform.

**EASY SERVICING**
Convenient accessway to the operator’s platform, can be easily folded down. Large footplates provide quick and easy access to the maintenance platform on the engine.

**BALLASTING CONCEPT**
Variable ballasting concept enables fast, optimum equipping of the machine.

**SAFETY**
Extremely powerful braking system for maximum safety.

### Basic data

<table>
<thead>
<tr>
<th>HP</th>
<th>Weight class (t)</th>
<th>Working width (mm)</th>
<th>Engine power (kW)</th>
<th>Wheel load (t)</th>
<th>Operating weight min. (t)*1</th>
<th>Operating weight max. (t)*1</th>
<th>Easy Drive</th>
<th>Seat-operating unit moveable and rotatable</th>
<th>Front axle brake**</th>
<th>Anti-Slip Control</th>
<th>Additional water tank</th>
<th>Additive sprinkling system</th>
<th>Thermal aprons</th>
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<tr>
<td>HP 180</td>
<td>8-18</td>
<td>2084</td>
<td>85</td>
<td>1.0 - 2.2</td>
<td>8.6</td>
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<td>10-28</td>
<td>2084</td>
<td>85</td>
<td>1.3 - 3.5</td>
<td>10.27</td>
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</tbody>
</table>

### Machines in accordance with EPA Tier 4 / EU Stage IV

| HP 280i | 10-28 | 2084 | 85 | 1.3 - 3.5 | 10.27 | 27.3 | • | • | • | • | • |

### Machines in accordance with EPA Tier 4 / EU Stage V

| HP 180i | 8-18 | 2084 | 55.4 | 1.0 - 2.2 | 8.6 | 17.2 | • | • | • | • | • |

*Based on the flexible ballast weights
**Front axle brake compulsory on machines with an operating weight of 20 t or more