

A WIRTGEN GROUP COMPANY



Welcome to HAMM



5 premium brands The Wirtgen Group



- > Global market leader in mobile road construction machinery
- > 2 business segments
Road Technologies – Mineral Technologies
- > 5 strong product brands



HAMM – A long history



HISTORY

Milestones at HAMM

A long history



1878: Founded by the Hamm brothers



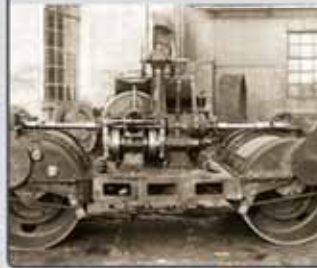
1878

1911: Start of production of rollers with diesel engines



1911

1932: First tandem roller with all-wheel drive



1932

1963: The pneumatic tyre roller is born



1963

1967: Pivot-steered vibration tandem rollers



1967

Milestones at HAMM

A long history



1983: A revolutionary technology – OSCILLATION



1983

1998: Launch of the HD series



1998

1999: HAMM becomes a member of the Wirtgen Group



1999

2000: Launch of the 3000 series



2000

2006: Premiere of the new HD CompactLine class



2006

Milestones at HAMM

A long history



2015: HAMM becomes
the global market leader



2015

2017: Acquisition of the
Wirtgen Group by John
Deere



2017

HAMM in Tirschenreuth

1987: The company at Hammstrasse (Franz-Heldmann-Strasse)



HAMM in Tirschenreuth

2002: The company at Hammstrasse



HAMM in Tirschenreuth

Up to 2014: Expansion of the company

(drum factory, shipping hall, endurance test track, sales and development centre)



HAMM in Tirschenreuth

Today



HAMM in Tirschenreuth

Heute



Development of production at HAMM



From small company to global market leader



- > Over the past 15 years, the number of units has increased fivefold
- > Today, **45** machines are produced **every day**



Main Office and Parts Warehouse - Nashville



35 Acres
200,000 Square feet
270 Employees in North America

CTT Center for Training and Technology





PRODUCTS

HAMM rollers 2017



HAMM rollers 2017



H CompactLine series



H CompactLine series

Compact. Powerful. Comfortable



VISIBILITY



SLOPE ANGLE AND
CLIMBING ABILITY



ERGONOMIC WORKSPACE



COMPACT DIMENSIONS



3-POINT ARTICULATION



H series



H series

Powerful and comfortable



VISIBILITY



SLOPE ANGLE AND
CLIMBING ABILITY



ERGONOMIC WORKSPACE



HIGH LINEAR LOAD



3-POINT ARTICULATION





Operator's platform

Operation



Compaction



Smooth drum

- For non-cohesive soils



Padfoot

- For cohesive soils



VIO

- For non-cohesive soils.
Available for H 13i

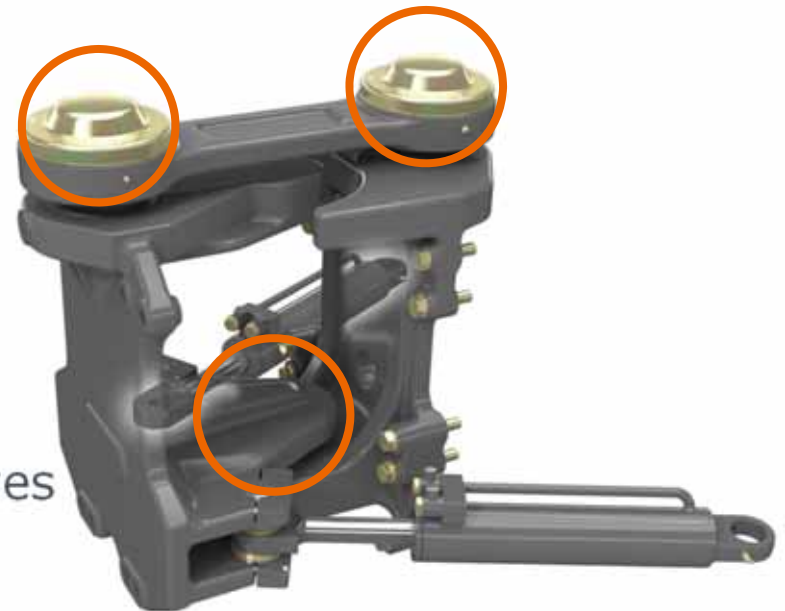




Steering

3-point articulation – the advantages

- Even weight distribution in curves for outstanding traction in rough terrain
- Shock absorption (driving comfort)
- Outstanding directional stability
- Greater protection against tipping in curves



VC series



VC series

Rock crushing and compacting



ROBUST EQUIPMENT



CLIMBING ABILITY



VC QUICK-CHANGE
TOOLHOLDER SYSTEM



LARGE LINEAR LOAD



3-POINT ARTICULATION



VC quick-change toolholder system



Standard cutting tool

- Sand to limestone and mixed soils, minimally abrasive materials



Heavy duty cutting tool

- For hard rock (such as basalt and highly abrasive materials)



Padfoot insert

- For cohesive material



Operation



➤ Point load ~ 50 t



Use



Crushing and compacting

- Mining – infrastructure such as transport routes
- Direct utilisation of blasted material
- Reduced tire wear



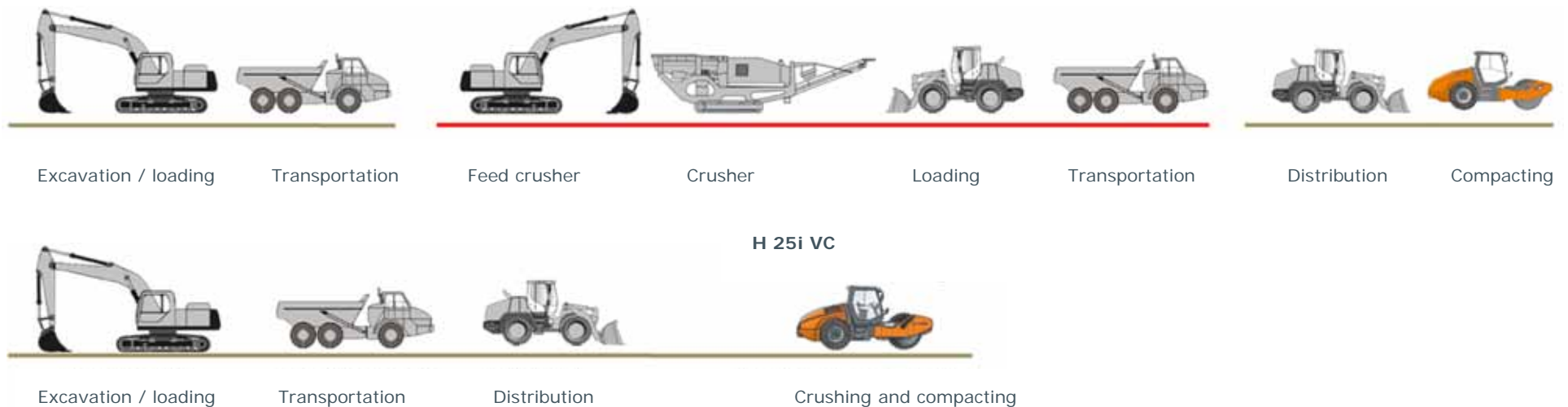
Result after 8 passes

Use



Customer benefits

- Fewer transport movements, machines and personnel



HD CompactLine



HD CompactLine

The agile all-rounders



VISIBILITY



**SIMPLE TRANSPORT,
SIMPLE LOADING AND
UNLOADING**



COMPACT DIMENSIONS



**INTELLIGENT
WATER SYSTEM**



**LARGE ROLLER DRUM
DIAMETERS**



HD+ series



HD+ series



HD+ series

First-class compaction



VISIBILITY



OPERATION



HIGH
COMPACTION PERFORMANCE



LARGE WATER TANKS



3-POINT ARTICULATION



HD+ series



DV+ series



DV+ series



DV+ series

Precise and productive



VISIBILITY



EASY DRIVE



LONG WORKING PERIODS



WATER SYSTEM



STEERING



Operator's platform



- Spacious ROPS cab or
- ROPS
- Panoramic cab
- Direct view of drums (= clear view concept)

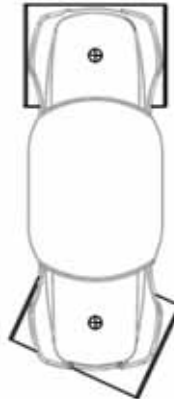


Steering

Four steering modes



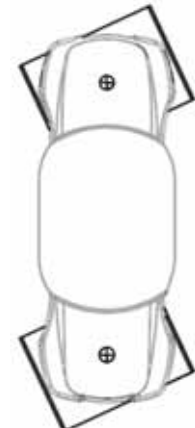
> front axle steering



> rear axle steering



> analogue steering



> diagonal steering

Extremely precise pivot steering by means of two hydraulic cylinders per drum & slewing ring located centrally over the middle of the drum

Steering



GRW 180/280 series



GRW 180/280 series

Innovation on eight wheels



VISIBILITY



LARGE
DRIVER PLATFORM / CABIN



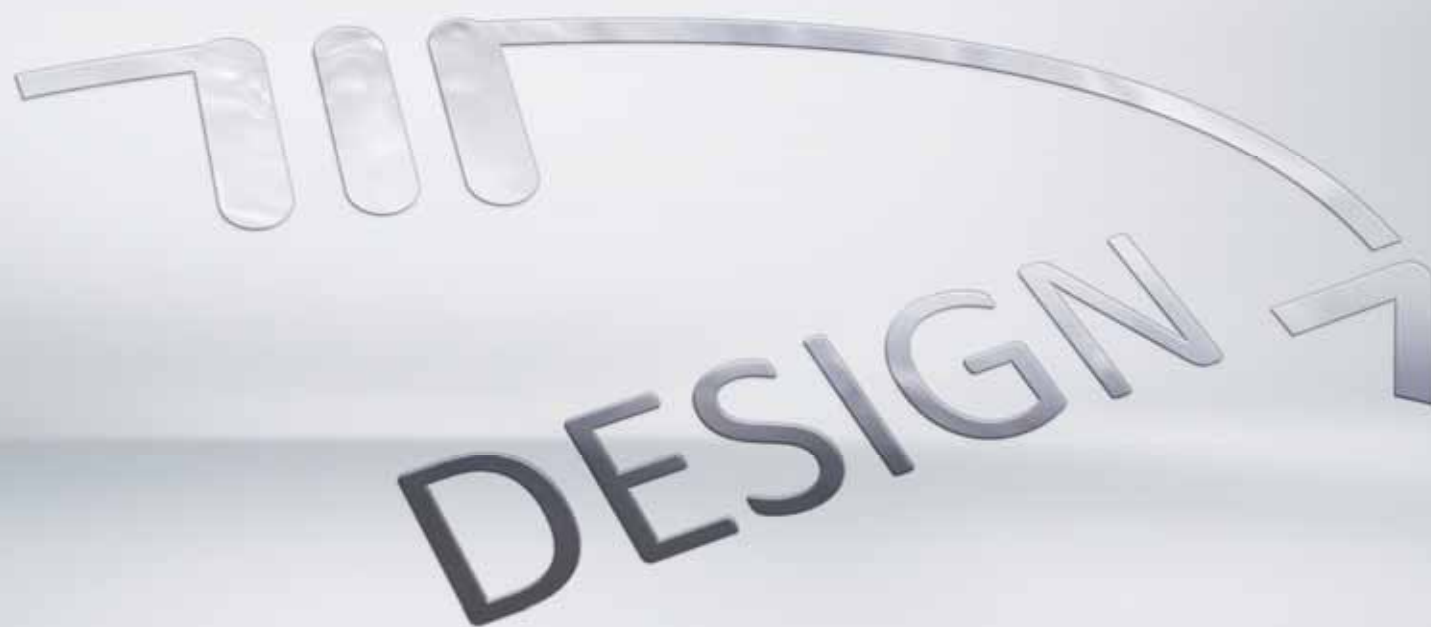
EASY SERVICING



BALLASTING CONCEPT



SAFETY



Award-winning design



35 | international
design awards

Among them:



3 iF Gold Awards
9 iF Design Awards
7 reddot Awards
3 Good Design Awards
2 Observeur Awards
2 Universal Design



Innovation



OSCILLATION



HAMMTRONIC



HI-TEC

POWER
HYBRID



Remote-
controlled roller



Easy Drive



DV+ series TANDEM ROLLERS



HD+ series TANDEM ROLLERS



H series COMPACTORS



A single operating philosophy for all rollers



- > Safe, intuitive operation thanks to clear, language-neutral operating elements
- > Ergonomically optimised workspace
- > Shortest possible learning and familiarisation times
- > Intuitive operation



Intelligent compaction with oscillation



Oscillation



- > Ideal for asphalt compaction on bridges and near sensitive structures
- > No grain crushing or damage to cold side
- > Rapid compaction with perfect smoothness
- > Greater flexibility thanks to a wider temperature window
- > High compaction quality



Oscillation



Oscillation



HAMMTRONIC



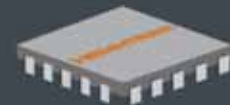
Engine management
Vibration control



Networking, monitoring and
control of all important machine
functions



Drive control
Anti-slip control



Optimum compaction with
low fuel consumption

Remote-controlled roller



- > Maximum safety for the driver on difficult assignments
- > All machine functions can be operated via remote control



> Control unit



> Operator with control unit

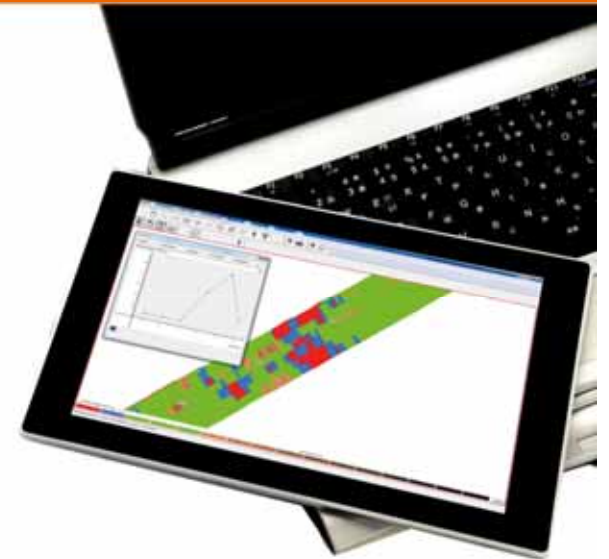


> Remote-controlled roller

HCO



HCQ Navigator



POWER HYBRID



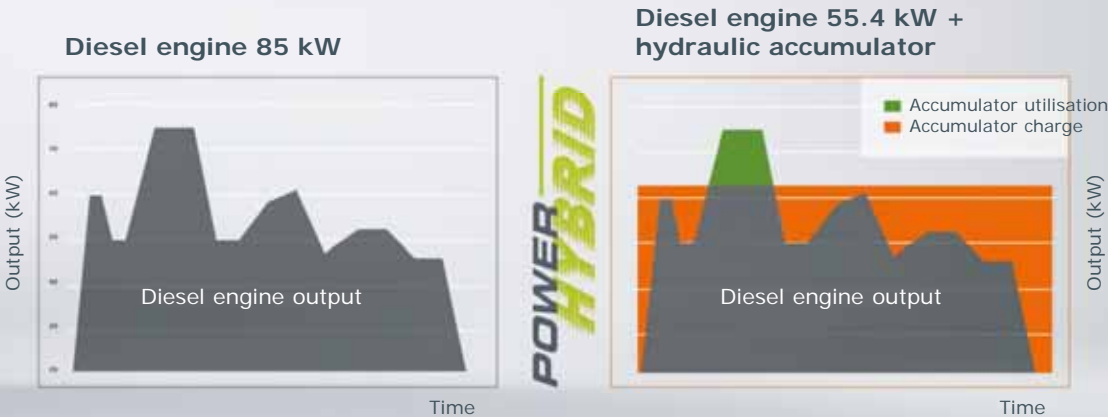
- > Simplified exhaust aftertreatment
- > Reduction of up to 15% in fuel consumption thanks to hybrid drive and start/stop system
- > Reduction in CO₂ emissions
- > Sustainable drive system
- > Cost-effective package solution
- > Same functionality and operation as a standard machine
- > Low noise levels



Clever use of alternative energy



One weight class – two technological drive solutions:



Thank you
for your attention.

