

SERIES 3000

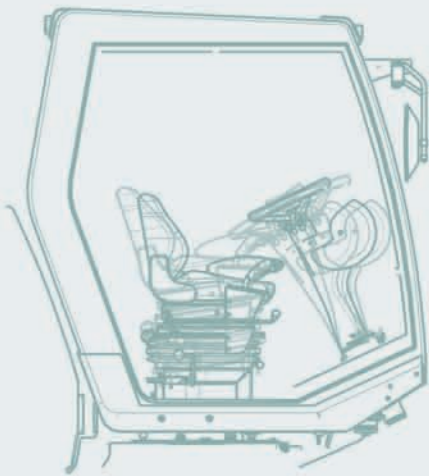
SERIES 3000



Series 3000

Precision + aesthetics

Functionality and ergonomics –
Trend setting impulses
for the roller technology



Modern technology, pleasing design, brilliant performance and a good quantity of comfort are the outstanding characteristics of the innovative compactor series, the series 3000.

It is a synthesis of functionality and ergonomics. Under the unmistakable silhouette hides technology which sets new milestones.

In particular for HAMM the driver stands in the centre. The 5 to 25 t compactors are all equipped with the same cab (with integrated ROPS/FOPS) and offer thus largest comfort for all 10 weight types.

The practical and comfortable driver's seat, equipped with 2 joysticks, is moveable, swivels and varies in the height.



red dot

PRODUCT DESIGN
AWARD WINNER

The infinitely adjustable steering column prevents fatigue symptoms and provides an ideal position depending upon driver and surrounding field. Far tiltable doors (to both sides) allow a comfortable step in and out. Heating and air conditioning system are integrated into the driver's platform.

3 2
3 3
3 4
3 3
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3 4
3 5
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3 6
3 6

Complete all-round visibility

Broad field of view

By that far downward, full-vitreous operator's cab clear working and optimised security are ensured.

The unbeatable all-round visibility and the free view on the drum and tires let see almost the complete action around the cab. Even the exhaust was taken from the field of vision. The driver has thus unrestricted view on all sides.



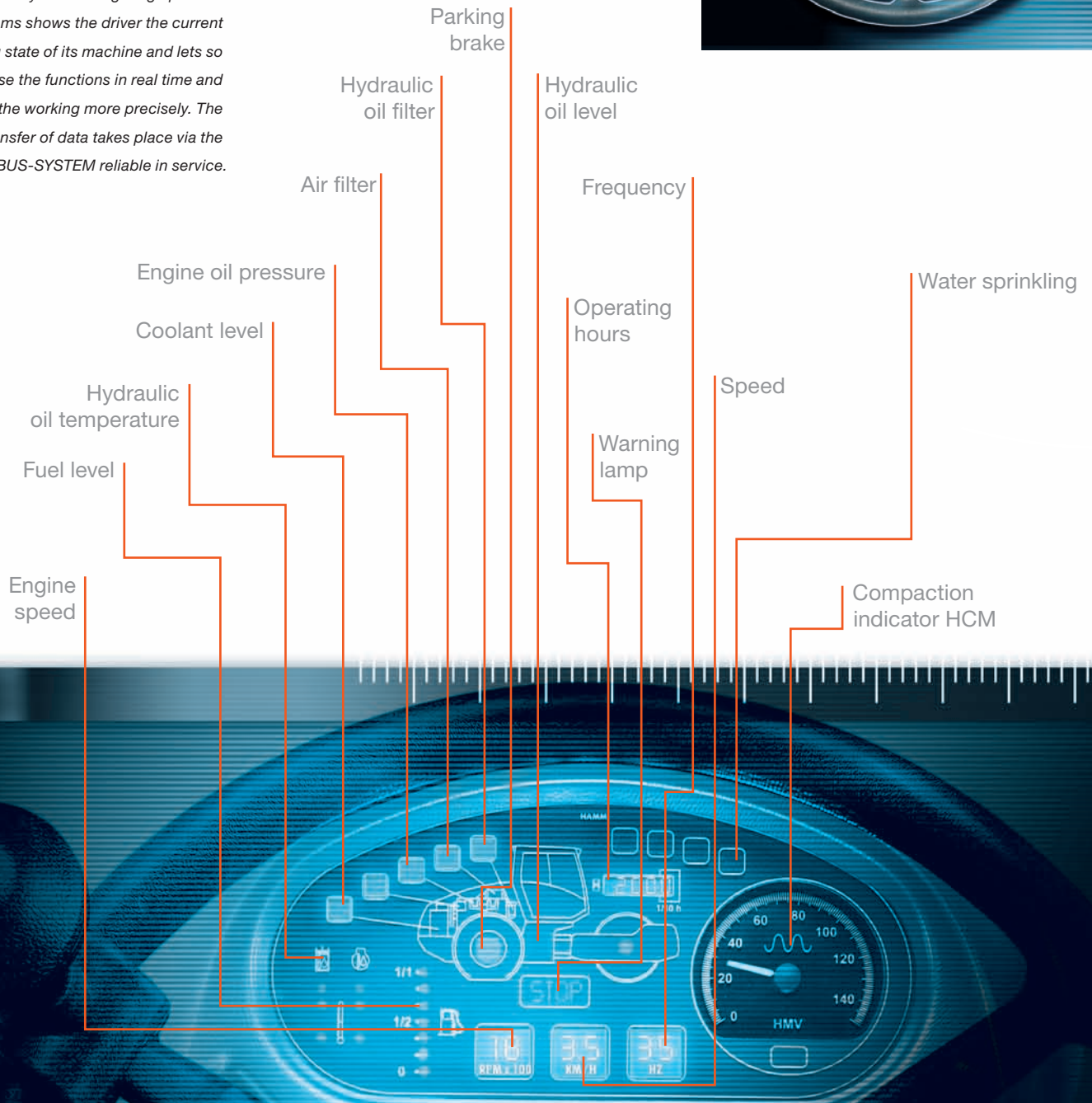
05
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25



User Friendly!

Increased potential of machine's performance

The very clear instrument panel is brilliant by a simple handling for the operator. All functions are easily understandable by unmistakable symbols. A lighting up of the pictograms shows the driver the current operating state of its machine and lets so supervise the functions in real time and control the working more precisely. The transfer of data takes place via the CAN-BUS-SYSTEM reliable in service.



HAMMTRONIC

Anti Slip Control (ASC)

Constant Speed Drive (CSD)

Shunting mode

Limited load control

Automatic engine management

Load-sensitive number of revolutions

Infinitely variable adjustment of vibration regulation



H.I.-TEC [HAMM Intelligent Technology]

We do not leave the driver alone

Imagine, a virtual co-pilot would supervise all your actions and if necessary would automatically optimise them this is what the Hammtronic exactly does.

Safe and better compaction

The intelligent HAMM technology optimises the machine functions and provides thereby for an economic use of the running materials. Increase your productivity, work more economically, save between 30 and 50% Diesel consumption (as per customer opinion since 2002) and extend the life span of your machinery – that's the reward of Hammtronic.

When desired the compactors are equipped with the microprocessor control Hammtronic. This technology developed by HAMM provides an optimum compaction result and highest security and usually without someone noticing it. An automatic adjusting of the front and rear drive prevents a spinning of the drum or wheels and allows a gradeability of up to 70%.

The Hammtronic supervises all engine and roller functions, in particular drive, vibration, oscillation and engine speed. The vibration system and the driving speed are adapted by the electronic engine management to the respective operating conditions. This naturally supports also the operating condition and the life span of the machine. All information is transmitted to the information display and this documents the most current data.

power up_

HAMMTRONIC



Good Vibrations by Oscillation

VIO

H.I.-TEC
[HAMM Intelligent Technology]



The oscillation is used also in the earthwork. This for the surrounding field careful compaction method is almost made for all use in particular in the city area, in the proximity of sensitive buildings or difficult areas or with the compaction of sandy soils.

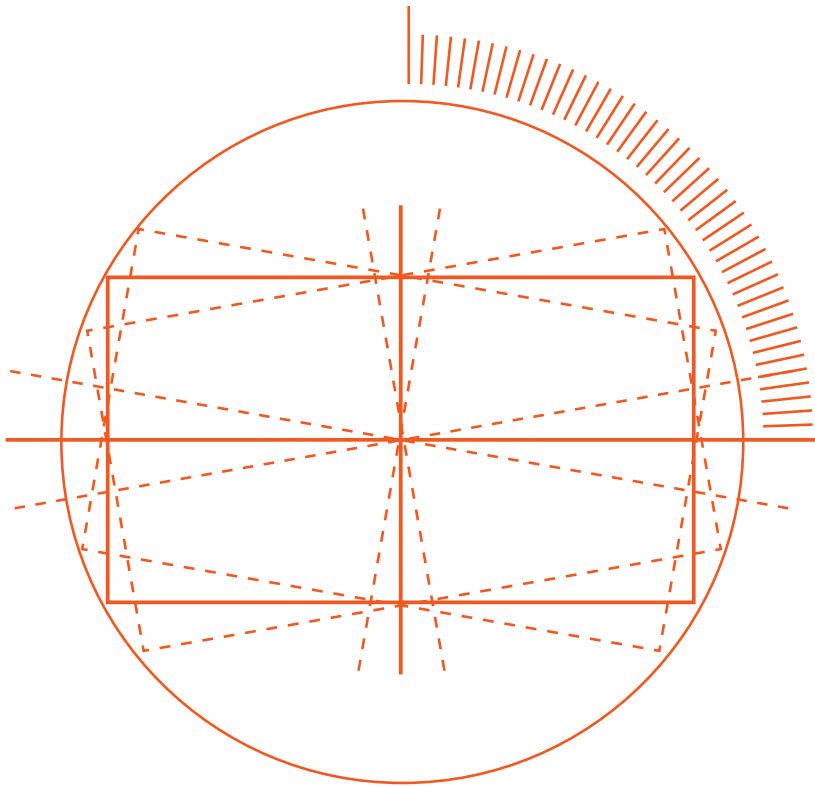
In the VIO drum, which is available for compactors, vibration and oscillation are united in one drum. Thus one can select between the two systems. The change from vibration to oscillation will be activated via switch and can be done even whilst driving. The VIO drum turns compactors to all round machines.



The oscillation can be used, where the vibration cannot be used. Examples? Imagine a very sandy soil - whereupon a vibrating roller is working. The effect: the before compacted sand is again loosened up by the vibrations produced in the machine surrounding field. This is prevented with oscillation.

Articulated joints

The innovative and self levelling centre pivot assembly is based on 3 instead of 4 joints. From this result outstanding driving and direction characteristics. This unique Hamm pivoted steering with the 3 ball joints guarantees an unsurpassed directional stability and driving comfort. Even with full steering angle the chassis construction provides for an even weight distribution on drum and wheels and ensures in such a way for careful absorption also with uneven terrains. Tilting with driving along curves is also more strongly avoided.

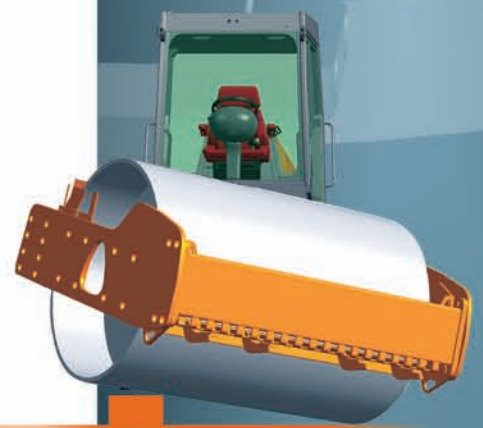
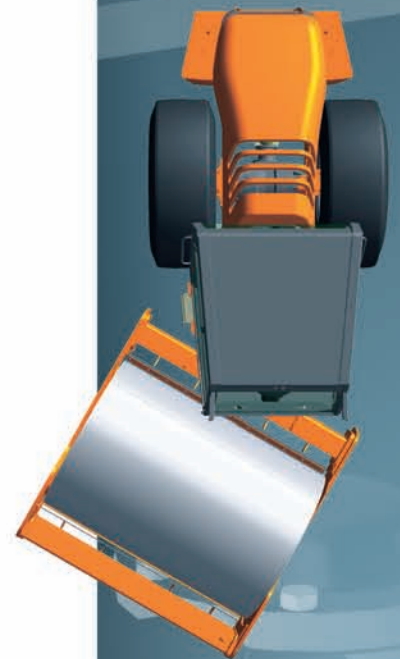
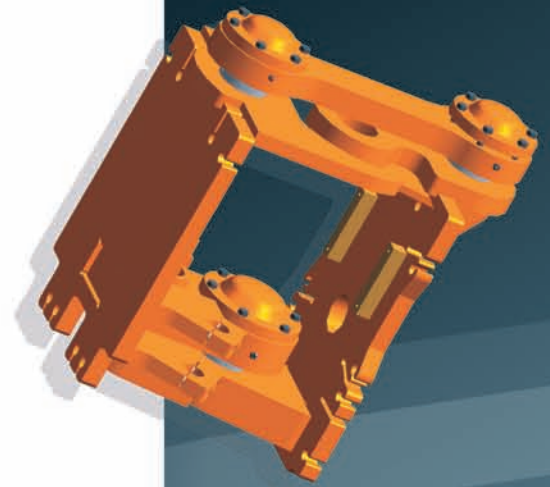


Even weight distribution

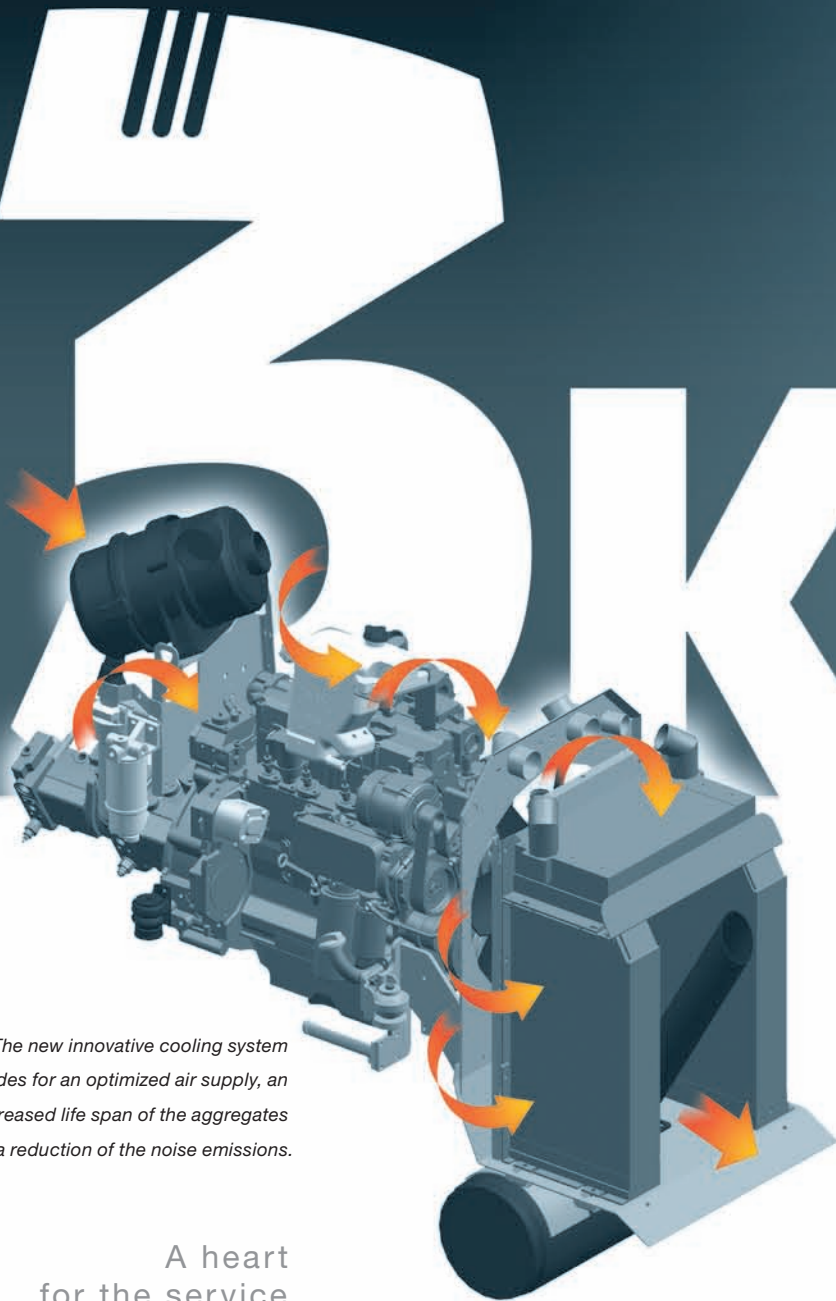
Dampening of impacts with uneven terrains

Outstanding straight line discharge

Less tilting danger with curves



S A Good Heart!

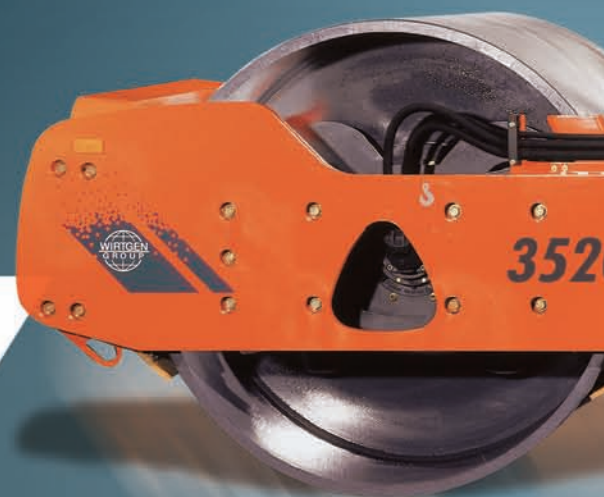


The new innovative cooling system provides for an optimized air supply, an increased life span of the aggregates and a reduction of the noise emissions.

A heart
for the service

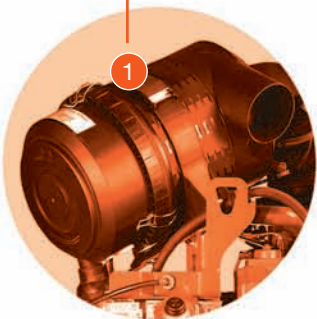
Less fuel
+ low noise level

= better environment

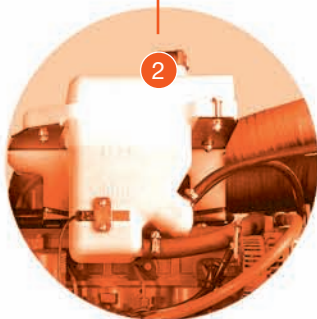


Low maintenance costs

The compactor of the series of 3000 stands out by an engine freely accessible from all sides. All maintenance elements are arranged thereby at one side. Thus the service intervals can be realized fast and uncomplicated. The hood with wasp's waist folds to the rear and is hardly higher than the operator's cab, which allows also to realize service work in low areas. The backup lights of the machine light up the engine range and facilitate thus an examining with bad lighting conditions.



The air filter is easy to exchange by hand.



The visual inspection at the radiator, at the engine oil dipstick as well as at the cooling water level runs off uncomplicated and fast.



The oil filters will be uncoupled and can be easily exchanged.



The two fuel filters are easily loosened and equipped again with original HAMM spare parts for high working reliability.



HAMM MODÈLES 10 MODELS MODELLE



Further information
you find in the internet
under www.hamm.eu
or call us. We would
like to advise you with-
out obligation.

Those several times design awarded
machines from 5 to 25t are avail-
able with several equipments. Se-
lect from the standard model to
the "H.I.-TEC"-type freely ac-
cording to your need or budget.

HAMM compactors of the series
3000 are in action all over the world.
Most different applications, even un-
der less favourable conditions, made
them to one of the most famous com-
paction units.



Your duty!

The Series 3000 is used mainly in
the earthwork. Here all soil types
can be compacted. Whether on
roads, motorways, ICE-railtracks,
airports, dams or in industrial areas
- the Series 3000 is there.



Type	Weight (kg)	Working width
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Single drum smooth vibrating compactors

3205	5.475	1.370 mm
3307	6.840	1.680 mm
3307 HT	6.840	1.680 mm
3410	10.530	2.140 mm
3411	11.305	2.140 mm
3412	12.200	2.140 mm
3412 HT	12.200	2.140 mm
3414	14.240	2.140 mm
3414 HT	14.240	2.140 mm
3516	15.755	2.140 mm
3516 HT	15.755	2.140 mm
3518	17.825	2.220 mm
3518 HT	17.825	2.220 mm
3520	19.800	2.220 mm
3520 HT	19.800	2.220 mm
3625 HT	24.785	2.220 mm

Single drum padded vibrating compactors

3205 P	5.815	1.370 mm
3307 P	6.840	1.680 mm
3307 HT P	6.840	1.680 mm
3410 P	11.015	2.140 mm
3411 P	11.795	2.140 mm
3412 P	12.300	2.140 mm
3412 HT P	12.300	2.140 mm
3414 P	14.340	2.140 mm
3414 HT P	14.340	2.140 mm
3516 P	15.855	2.140 mm
3516 HT P	15.855	2.140 mm
3518 P	18.025	2.220 mm
3518 HT P	18.025	2.220 mm
3520 P	20.000	2.220 mm
3520 HT P	20.000	2.220 mm

Single drum smooth vibrating compactors with oscillation and vibration

3307 VIO	6.370	1.680 mm
3307 HT VIO	6.370	1.680 mm
3412 VIO	11.920	2.140 mm
3412 HT VIO	11.920	2.140 mm
3414 VIO	14.010	2.140 mm
3414 HT VIO	14.010	2.140 mm

HT = Hammtronic
P = Padded vibrating compactors
VIO = Oscillation and vibration in one compactor

Hydrostatic drive all wheel drive, infinitely variable
Automatic traction- and slip control (HT)
Hammtronic - electronical engine management (HT)
Traction control
High engine performance
High gradeability
Clear instrument panel
Ergonomic driver seat
Adjustable sliding and swivelling seat
2 multiple operating levers
Adjustable steering column
Suspended driving stand
Self locking differential / NO-SPIN-Differential
New articulation
New cooling system
Optimum visibility
Easy maintenance, long service intervals

Technical data and all specifications are subject to change without notice or obligation

Reduce
Accident +
disconnecting
danger

Supplies
driver
improves
working
quality

H.I.-TEC [HAMM Intelligent Technology]

Hammtronic

The Hammtronic makes the series 3000 to an absolute „mountaineer“ (gradeability up to 70%) and guarantees for optimum application conditions and minimum fuel consumption.

HCM

The compaction meter HCM allows the control of the effected compaction work already during working and ensures an effective use of the machine.

HCN (Hamm Compaction Navigator)

With this surface covering compaction measuring system the compaction is measured on line on the job site and the position is determined exactly via GPS. All values of the surface to be compacted are indicated and completely documented.

Increase
the achievement
potential of
the machine



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