

BOMAG BW 332 DEEP IMPACT.

The most powerful single drum roller in the world.



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If you are the benchmark for other people's standards, then you need to set your own goals. BOMAG has been the pacesetter in compaction technology for decades now. The BW 332 DEEP IMPACT sees another idea become reality: The most powerful single drum roller ever made.



Entering another dimension: BOMAG BW 332 DEEP IMPACT.



The BW 332 DEEP IMPACT explores completely new frontiers in soil compaction: Effective depths of 4 m were previously inconceivable. But where others see a problem, BOMAG sees a challenge. And BOMAG has the skill-sets to turn this challenge into a solution. The result. The BW 332 DEEP IMPACT.

DEEP IMPACT technology means:

- 32 tonnes of operating weight
- 95 kg/cm static linear load
- 3.3 mm amplitude
- 750 kN centrifugal force
- VARIOCONTROL vibration system
- Polygonal drum
- 2.40 m working width.

What do these statistics mean? In total, 50% more compaction performance than the hitherto heaviest single drum roller, the 26 tonne BOMAG BW 226. The BW 332 DEEP IMPACT achieves 35 % greater effective depth thanks to DEEP IMPACT technology. Compaction is viable even at 4 metres depth, depending on the material; performance that had previously only been achievable using other methods. Now there is a machine that combines maximum surface performance with minimum costs per m³.

Patented BOMAG polygonal drum.

A conventional smooth drum would be overstretched with the immense BW 332 forces. The solution: The patented BOMAG polygonal drum. With its ingenious shape which features plates and edges, compaction forces are directed vertically into the material with no loss of vibration energy. This creates optimum traction and low rolling resistance. The polygonal drum is also self-cleaning making power-draining scrapers redundant.

Surface performance increases by 15 % with the 2.40 metre extended working width. Together with the 35 % greater depth effect, this gives an increase in total performance of 50 % compared to the BOMAG BW 226 single drum roller, which was itself already superior to other machines in the 26 tonne class.

BOMAG VARIOCONTROL.

The BOMAG VARIOCONTROL vibration system automatically and progressively adapts vibration to soil stiffness. This creates optimum, uniform compaction at all times, without destroying the soil structure. The system provides exceptional flexibility as VARIOCONTROL makes any amplitude possible from zero up to maximum depth effect. Compaction is also documented by the integrated BTMprof measuring system inc. printer.

Intelligent compaction combined with precise, surface covering compaction control for the best in safety and reliability!

At the same time, the BW 332 DEEP IMPACT not only offers huge efficiency but provides many other advantages when compared to other techniques such as towed rollers:

- Easy to operate: The BW 332 DEEP IMPACT can be operated like a conventional single drum roller.

- Exceptional comfort The driver is seated comfortably in the spacious, vibration-insulated cab.
- High mobility: Even on restricted sites, the BW 332 DEEP IMPACT can be used with ease.
- Easy to service: There are no grease nipples on this easy to maintain machine
- Easy transport: Transporting the machine from site to site is no different to any other single drum roller.

BW 332 DEEP IMPACT:

- Maximum compaction depth
- Maximum surface output
- Minimum costs per m³
- Maximum flexibility
- Minimum servicing



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