

# PROJECT IN A THREE-STOREY CAR PARK.

BOMAG HEAVY SINGLE DRUM ROLLERS WITH VARIOCONTROL TECHNOLOGY.



## PROJECT AT A GLANCE

### Client

Allianz Arena München Stadion GmbH

### Location

Allianz Arena – Munich, Germany

### Project scope

Two BOMAG single drum rollers were in operation in a three-storey car park with space for 900 cars. They were used for compacting the gravel of the foundations, which are up to 200 m long and 4 m wide.

### Contractor

#### Goldbeck GmbH (general contractor) – Bielefeld

Goldbeck GmbH designs, builds and manages commercial properties such as office buildings, car parks and sport centres, but also schools and nursery schools.

#### Abenstein Straßen-, Tief- und Pflasterbau GmbH (subcontractor) – Gersthofen

The family-owned business specialises in structural work, the restoration and concrete refurbishment of detached houses as well as public buildings and housing estates.

### Project duration

December 2018 (deployment of BOMAG single drum rollers)

### Machine equipment

- BOMAG single drum rollers:
  - 1x BW 226 DI-5 with a polygonal drum for optimum compaction power; 1x BW 211 D-4 with up to 60% gradeability thanks to the double pump technology
- Automatic adjustment of compaction energy to match the prevailing ground conditions is provided by BOMAG VARIOCONTROL
- Compaction status display and best compaction results with BOMAG ECONOMIZER
- Up to 30% fuel savings thanks to ECOMODE and ECOSTOP
- Efficient fleet management with BOMAG TELEMATIC

*The general contractor Goldbeck had already decided in an early phase of the project on depth compaction with BOMAG single drum rollers to avoid unnecessary soil exchange.*

