

Berlin

Container Terminal Extension Westhafen - Berlin



Client

BEHALA
Berliner Hafen- und
Lagergesellschaft mbH [Berlin
Harbour and Storage
Association]

Period

since 2006

Project Cost

7.150.000 €

Abstract

The container terminal has to be extended due to changes in the general conditions for traffic development, which demand an increase of container traffic in the area of Westhafen, and because of the limited area available for the existing structure. As a result, the favoured alternative in the pre-design phase was changed by optimisation of the track design.

The rails for the existing container gantry cranes will be extended to about 250 m. The existing single-track gateway to the terminal will be extended to a double-track gateway, so that in future two block trains could daily be loaded and unloaded.

Scope of Service

design, execution design, preparation of
tender documents, construction supervision,
documentation, site supervision

application for public subsidies

Technical Data

Terminal extension area	10,000 m ²
Effective length of loading tracks	350 m
New pavements	8,500 m ²
Superstructure loading tracks	38.5 cm
Storm water sewers 250 m, DN 300/300 m DN 250	
Container bearing load	57 t
Max. height of stroke	13.2 m
Crane track width	37.8 m
Current, rotary	10 kV, 50 Hz
Axle load Reach-Stacker	100 t