



# PRODUCT FOCUS: TERMINAL SERVER

## THE CUSTOMER

HHLA Container Terminal Tollerort is the smallest of four container terminals of Hamburger Hafen Logistik AG (HHLA) in the port of Hamburg. Flexibility and customer satisfaction play an important role within HHLA. The terminal has a size of 0.6 km<sup>2</sup>, four berths are to be found along a quay length of 1,240 m. The container gantries can handle up to post-Panamax size vessels.

## THE TASK

HHLA is focused on high handling capacities. This includes efficient container handling from ship to rail or to truck through its hinterland connection. Furthermore, environmental protection and the sustainable management of natural resources play an important role to the company and its customers. For our cranes this means: high operating speeds, full reliability and precision coupled with long service life and eco-friendly operation with lowest possible emissions.

## THE CRANE

As an absolutely reliable working crane, the Terminal Server is the best economical solution for all types of hinterland and inland terminals. Its rigid, robust steel structure in box girder design is low-maintenance and at the same time perfectly matched to its dynamic operation. The Terminal Server at Terminal Tollerort is equipped with a bogie mechanism capable of travelling on a curve. Thus, unrestricted operations can be carried out fully automatically in terminals that due to geographic restrictions or lack of terminal space need to travel through a curve. The special feature here: the crane can travel from the straight track into the curve and back out without reducing speed. Speeds of 120 m/min have already been tested in continuous operation. Moreover, active feedback units increase the energy efficiency.

## CONTACT INFORMATION

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## WHAT THE DESIGNER SAYS

'The Terminal Server is our guarantor for excellent handling of containers in hinterland terminals. It is hugely important to us that our cranes combine all the properties of an environmentally conscious product with low emissions. Often our cranes are located in zones with adjacent residential development. Who of us wants to listen to the cranes' working noise during leisure time?'

● GERMANY

