



WienCont, Freudenau

Intermodal Cranes

künz

Direct train access - a groundbreaking way for handling trains without shunting rail cars.

Efficient movement of goods for the WienCont Freudenaus terminal

Robert GroiB and Georg Wurz, Managing Directors, WienCont Container Terminal GmbH

„Kuenz convinces with reliable cranes of highest quality, combined with the best value - as well as dedicated after sales service. A combination of all these factors makes Kuenz unique. Kuenz is a qualified partner and supported the development of our terminal.“



WienCont is one of the most important national and international terminals for trimodal transportation in Austria

Direct train access

WienCont operates one of the largest and most important container terminals in the European hinterland. Kuenz was able to support WienCont to create a trimodal terminal in Freudenaus that combines rail, road and river. Approx. 200,000 containers pass through the terminal annually, making WienCont one of the most important national and international hubs for the transportation of goods.

Technical information on the Container Cranes

The cranes are constructed as double-girder bridges. The main steel construction of the gantry bridge consists of moving support, rigid support and bridge girders. The hoist rope reeving is executed as a rigid rope tower. This system enables sway-free travel in gantry and trolley direction as well as fast positioning.

Safe handling for direct train access

Direct train access ensures efficient handling of trains without shunting of the rails cars in the handling areas. Directly from the track, the trains are able to pull into the terminal without any power supply. Kuenz engineered an innovative safety concept in order to assure safe handling. The terminal's shunting station sends a signal to the crane control. This signal enables the incoming train to move on the relevant rail, but locks out concurrent crane operations. The crane system is still allowed to operate within the other rail sectors.

Kuenz - providing high-quality container cranes

Thanks to the best practice in engineering, manufacturing and after sales service, Kuenz has built an excellent global reputation. These cranes are able to operate daily under the most demanding conditions. Kuenz designs and manufactures all main components such as the lifting gear, traveling gear, etc. in house to control quality, costs and safety.

Technical Data Intermodal Cranes

Number of cranes	3
Lifting capacity	45 t
Track width	32.7 m
Cantilever fixed post	9 m
Cantilever hinged post	4 m
Lifting height	13.5 m
Working Speeds:	
Hoist's rated load	0 - 20 m/min
Hoist with partial load	0 - 40 m/min
Gantry drive	0 - 120 m/min
Trolley drive	0 - 120 m/min
Slewing	0 - 2 rpm
Power:	
Main hoist	180 kW / 60%ED
Gantry drive	20 x 19 kW / 100%ED
Trolley drive	6 x 19 kW / 100%ED
Slewing mechanism	2 x 7 kW / 100%ED

Technical Data Direct train access

Rail tracks	4
Length of craneway	730 m
Lockout window under 7,5 m lifting height. Vehicle crossing lockout only with ISO-Container. Fail-safe control system in each crane and in the terminal's shunting station. Safe positioning system for trolley, hoisting gear, slewing gear and grippers on the spreader.	



The best references are successful projects.



CT Enns, Austria

The container handling between rail and road in the Container Terminal Enns is provided by Kuenz Intermodal Cranes.

Terminal Wien Inzersdorf, Austria

At the ÖBB Terminal Wien Süd in Inzersdorf, Austria Kuenz Intermodal Cranes guarantee safe and fast operation. As in the Wien - Freudenuau terminal the direct train access guarantees an efficient way of handling trains without shunting rail cars.



Burghausen, Germany

Kuenz Intermodal Crane and safety spreader guarantee reliable handling of all types of containers, semi-trailers and swap bodies in Burghausen.

Further information: www.kuenz.com



Künz GmbH
6971 Hard
Österreich / Austria
sales@kuenz.com
www.kuenz.com