

## PRODUCT FOCUS: KRANICH 500



### THE CRANE

An electrically driven, rail-mounted single jib crane, KRANICH 500, has been delivered. Special attention has been given to a very low gravity point, and a small profile.

In order to minimise the weight of the crane there is no separate electrical equipment house provided, but alternatively a combined air-conditioned machinery/electrical equipment room has been installed.

For safety reasons the crane's travelling gears have been equipped with guide rollers and mechanical rail clamps as well as with bolt locking devices.

For maintenance purposes the tip of the jib can be lowered to the dock surface.

### CONTACT INFORMATION

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### THE CUSTOMER

The state-owned shipyard Viktor Lenac is located in Rijeka on the Adriatic coast. The yard has more than 110 years of tradition and expertise in ship repair, ship conversion and the offshore market. They are, for example, responsible for servicing the vessels of the US Navy's Mediterranean Fleet.

### THE TASK

Victor Lenac was in the process of completing an existing floating dock with a rail-mounted crane.

Beside the wind forces and low permissible wheel loads also the impact of the swell forces on the floating dock had to be considered during the designing process.

The crane had to be designed and built according to the standards and regulations of the Croatian Register of Shipping to get its approval and working permit.

### CRANE SPECIFICATION

HOISTING CAPACITY	MAX. 7.5 T
OUTREACH	MAX. 16 M
TRACK GAUGE	3.4 M

