



## PRODUCT FOCUS: TUKAN K 1500



The integrated hoppers are located on the waterside to the front of the crane, and therefore right alongside the vessel, this gives an extremely short load path from vessel to hopper. This shortened load-path not only provides an immediate environmental advantage of eliminating quayside spillage, but also increases productivity as no time is lost to slewing the load. Due to the very abrasive material handled, the hopper as well as all transfer points are covered by HARDOX 400 steel plates. Additionally dust protection walls with U-Profiles are fitted on the upper section of the hoppers and each hopper, as well as all transfer points, have a dust suppression system based on water fogging. Separate cabins have been installed for monitoring and controlling the truck loading. The operator has an excellent view from his cab positioned above the hopper, a video camera is also located at the tip of the jib, enabling the operator to see the grab position inside the vessel hatches.

### WHAT THE CUSTOMER SAYS

'Following our positive experience with the previously delivered Kangaroo cranes we decided again in favour of another delivery of this type of crane from Ardeelt, Eberswalde'

### CONTACT INFORMATION

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### THE CUSTOMER

QATAR PETROLEUM (QP) is one of the largest leading companies in Qatar. The principal activities of QP, its subsidiaries, and joint ventures cover; exploration, drilling and production operations, transport, storage, marketing and sale of crude oil, natural gas liquids, liquefied natural gas, gas-to-liquids, refined products, petrochemicals and fertilizers as well as transport and finance services.

### THE TASK

Based on a decision made by the Qatari government QP took on the responsibility for arranging the import facilities for gabbro, a type of stone, which is mainly used as gravel for building and road construction. After expanding their operation at the Port of Mesaieed Industrial City, including the installation of two TUKAN K 750 cranes from Ardeelt, QP received a further request to increase the import volume of gabbro substantially. Following the success of their initial expansion the company took the decision to install another two cranes with integrated hopper, but with much higher handling performance. In addition to increased handling performance the cranes would need to meet and comply with the environmental protection policies of the region and be fitted with systems for dust suppression.

### THE CRANE

The two delivered cranes are rail-mounted, electrically driven double jib level luffing cranes, TUKAN K 1500, with 4-rope grab hoisting gears and integrated hoppers. The cranes are equipped with vibrating chutes and reversible belt conveyors, enabling truck loading in two lanes behind the cranes.

### CRANE SPECIFICATION

HOISTING CAPACITY	MAX. 50 T
OUTREACH	MAX. 40 M
TRACK GAUGE	15 M
HANDLING PERFORMANCE	APPROX. 1.100 T/H

