

PRODUCT FOCUS: TUKAN K 750



The decisive factors in favour of the ArdelT crane is its double jib level luffing configuration and the integrated hopper, the crane can discharge quickly without the need to slew directly into its own hopper dramatically reducing the space required for operation, additionally the environmental impact of the discharge operation is further reduced as no material is lost to the quay surface as the material travels directly from vessel to hopper. With the need for a clean efficient work-horse the TUKAN K 750 proves an ideal answer to all the project requirements.

WHAT THE DESIGNER SAYS

„A great challenge was the request to ensure a completely dustfree operation. Furthermore, a special design of the gantry was necessary due to the different levels of the crane rails. The limited space behind the crane had an effect on the tail swing of the crane and the design of the complete slewing part. Special solutions had to be found to enable the unusual pre-assembly on the ship and the further assembly of the crane on rails.“

CONTACT INFORMATION

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THE CUSTOMER

Ultra Brag is a logistics company, located in the Rhine Ports of Switzerland in Basle. The core business for the company includes transport, transshipment, storage, distribution and packaging. Particular emphasis is placed on providing customers with an efficient and environmentally friendly hub.

THE TASK

Ultra Brag is responsible for the unloading of fertilizer and feedstuff from river ships. They required a crane with all of the standard grab, outreach and capacity that one would expect from a dry bulk handling crane but also a crane that could be assembled and erected then operate within a limited pre-determined space on their existing quay structure. Ultra Brag also required a hopper to work in tandem with their new equipment that could suppress dust and discharge onto their high-performance quayside conveyor. Preassembly of the new crane on barge and placing it on the rails without disruption of the handling operation was also a requirement of the customer.

THE CRANE

The TUKAN K 750, electrically driven and rail-mounted, is an efficient crane for bulk handling and proved to be the right choice for Ultra Brag. The crane was pre-assembled on barge and lifted directly onto the existing quay rails. The crane is fitted with a sophisticated integral hopper with an complex dedusting system.

CRANE SPECIFICATION

HOISTING CAPACITY	MAX. 12,5 T
OUTREACH	MAX. 27 M
TRACK GAUGE	17,5 M
HANDLING PERFORMANCE	APPR. 600 T/H

