

DREDGING SUPPORT

HS  **MARINE**

the ultimate crane specialist





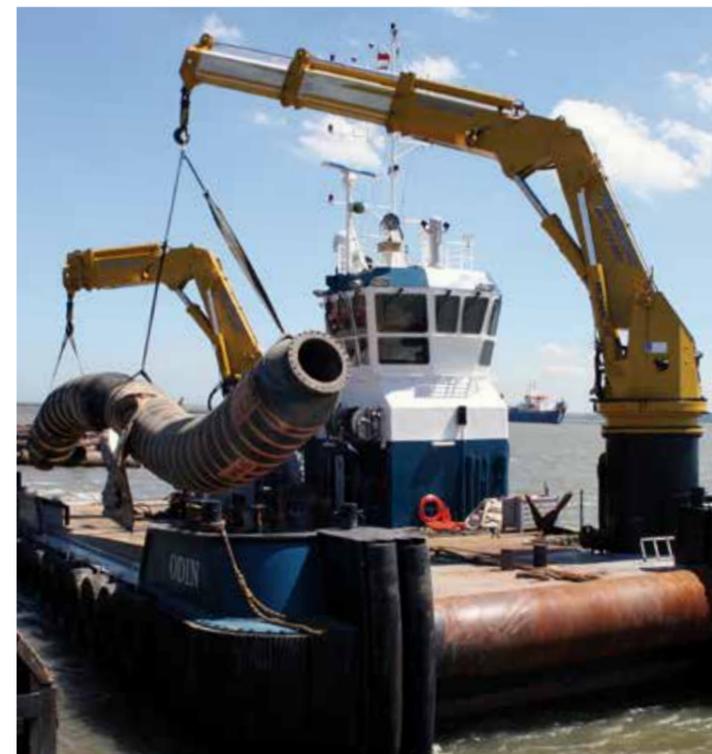
CRANES DESIGNED FOR DREDGING FLEET

The dredging fleet demands equipment of the highest level of quality to ensure reliable and safe operations. HS.Marine cranes are the right solution.

All HS.Marine crane structures have been designed to withstand heavy lateral forces with limited flexion.

All cranes are provided with a powerful slewing system composed of a slew bearing and gearboxes able to drive the crane perfectly (with relevant angle) during the specified angles of inclination and side forces.

Moreover, especially for dredging vessels HS.Marine has designed the AKD crane series; a special execution of extra strong knuckle telescopic cranes of load moment capacity up to 650 tonne meters to meet the most demanding activities.



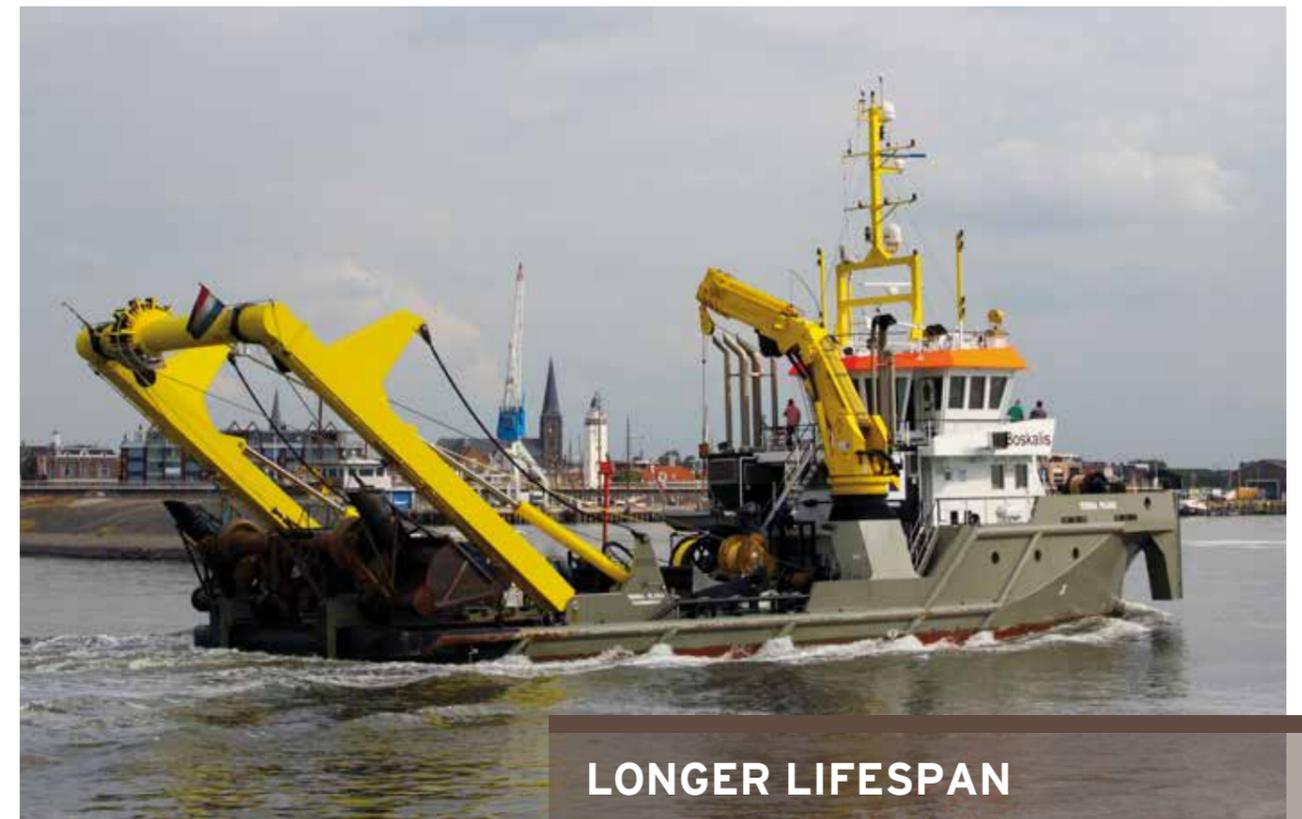
PERFORMANCE

Our cranes can work in any configuration; no matter if the boom is fully extended vertically or knuckled downwards. In every position the safe working load can be moved by any of the crane cylinders including the telescopic cylinders.

Prepared for the tough marine environment, designed and built from the ground up for marine use with high attention to detail, our cranes have an unparalleled strength and reliability of superior quality.

Extensive checking and testing prior to delivery guarantee safe, reliable and high performing cranes that are just what dredging activities require.

A "black box" for remote diagnostic and service assistance, and events recording/downloading system, is standard equipment on larger cranes.



LONGER LIFESPAN

As our cranes have a long lifespan, they offer the best value that money can buy.

Our cranes simply last longer, even in extreme application like dredging.

The need of maintenance is low and the cranes are designed for easy maintenance.

The cranes' reliability will minimize the need for spare parts reducing operational costs which is the reason why we get so many satisfied and repeated customers.

The HS.MARINE design concept, the quality of components and HS.Marine's superb surface treatment reduce maintenance and lifetime costs, simplify inspection and minimize the need for spare parts and recoating.



RELIABILITY

The dredging application demands equipment of the highest level of quality to ensure reliable operations. HS.Marine design focus is RELIABILITY, combined with easy and a minimum level of maintenance.

All components have been designed and selected to guarantee world wide availability, ease of inspection, low maintenance and easy service.

The quality of our components, the quality of our design, our obsession to detail, and our tough and rigid testing, make our cranes THE RELIABLE SOLUTION.

Our cranes are prepared for the tough marine environment. Fully watertight controls are available.



HS MARINE

HS.MARINE IS A LEADING MANUFACTURER of ship and offshore cranes.

All HS.Marine cranes are built on **RELIABILITY**, which is achieved by preparing the crane for the tough marine environment, designing for the specific application and focusing on quality.

Standard characteristics of HS.Marine products are:

- ◆ Designed and built from the ground up for marine use
- ◆ High attention to details
- ◆ Unparalleled strength and reliability
- ◆ Superior quality
- ◆ Extensively checked and tested
- ◆ As built detailed documentation
- ◆ Worldwide service and assistance

HS.Marine offers a wide range of optional solutions for the cranes and is always available to discuss the technical specifications in order to find solutions that make our cranes suited for our customers' special applications.

Discover why **small details** can create a **major difference**.



FOLDABLE KNUCKLE
& TELESCOPIC



KNUCKLE & TELESCOPIC



KNUCKLE BOOM



TELESCOPIC BOOM



STIFF BOOM



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