



**HEDEMANN**  
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# Kalmar DCE280-330RoRo A matter of performance



Sales brochure



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# Powerful and compact with reduced environmental impact

Kalmar has always been at the forefront of RoRo handling known for its field proven design. For more than 40 years, we have continuously developed our products – striving to provide the latest and most useful technology.

Today, we have a large number of machines operating around the world, which proves duration and quality.

## More powerful

A new powerful engine that delivers higher torque at all revs – integrated with a transmission that makes the best of the engine in every situation.

New hydraulics – that increase the lifting capacity up to 33 tonnes. System and components have been fine-tuned to perfectly match the increased power, capacity and performance.

## Compact and maneuverable

The new RoRo is designed for versatile operations onboard vessels. Compact external measures, a free-lift mast, less than 3 metres high, and great manoeuvrability means optimum space utilisation.

Exceptional stability is achieved through a low centre of gravity and improved traction to create safe and precise handling.

## Reduced environmental impact

To meet high environmental standards and comply with Tier III regulations, the engine has been fitted with the latest technology from Volvo. Low emissions, less noise and vibrations are significant factors that improve the working environment when you operate in confined spaces.

Tier III  
compliance.

Increased power  
and torque at all revs.

Less noise  
and vibrations.





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Less than three metres high.

Improved 360 degree visibility.

Improved ergonomics.

33 tonnes capacity.

Automatic gear-shift.

ORFS leak proof hydraulic couplings.



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# Driver sensation and comfort

## Improved drivers sensation

The new RoRo is made for efficient work. We have designed a new control system to optimise the interaction between the main functions. The precision in controls and instruments together with essential information displayed will enable the driver to focus on what's important.

## Increased comfort

Comfort is essential to keep the driver focused during the entire shift. The Spirit Delta cabin provides more space, better visibility and improved ergonomics. Other features such as intuitive positioning of controls and instruments, reduced noise and

vibrations and an efficient system to ensure a good cabin climate – will keep the driver inspired and focused. Because no machine is better than its driver.





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Improved 360 degree field of vision.



Controls and Instruments are intuitive located.



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## Reliable and service friendly

### Improved reliability

Our RoRo machines have always been considered reliable and in agreement with high demands on low operational costs. The new control- and monitoring system will help the driver to supervise the machine during operation and immediately let the driver know when deviations occur. The system now consists of less wiring which makes it even more reliable.

The new overload system allows the driver to push the machine to its limits but never beyond.

### Service friendly

Extended service intervals to five hundred hours means reduced downtime for inspections and maintenance. Service operations are easy to carry out with improved accessibility to service points. The

hydraulic system consists of fewer components and with a layout more focused on both service and function. The new monitoring system makes for efficient problem solving; operators or service personnel can quickly identify possible faults on the steering wheel column display.



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The sophisticated hydraulic system is equipped with leak proof ORFS- couplings for enhanced reliability.



Essential information, warning messages and fault codes will be presented to the operator when needed.



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our products and solutions closer to our customer.



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