



KALMAR RoRo TRACTORS AN INVESTMENT IN YOUR FUTURE



Interested in boosting your RoRo handling efficiency?



Ease of maintenance; well protected side compartments with big and easy opening covers for pneumatics and hydraulics.



Today, more than ever, efficiency is the key element in running successful RoRo handling operations. The more quickly you can roll on and off trailers, the shorter ship turnarounds are – a fact that has a great impact on your bottom line. It is the performance and reliability of your RoRo tractors that determine the future of your business.

With over 45,000 terminal tractor references, of which over 4,000 are RoRo tractors, Kalmar is by far the world's leading manufacturer in its field. The first RoRo tractor was introduced in the 1960s under the name Sisu. The system has since become the generally adopted method for quickly loading and unloading ships primarily in Europe and the Middle East, but also at other ports. Today, it is by far the most sold RoRo tractor in the world, and no other brand has as many 4-wheel drive deliveries as Kalmar. This success builds on in-depth technology expertise, innovative R&D and close cooperation with customers.

Robust reliability at its best

The heavy-duty Kalmar RoRo tractor has thoroughly proven its reliability and robustness. Its strength, high-quality design and well-known components guarantee maximum uptime and keep your operations on the move. With long lifetime expectancy, this tractor has been built to perform even in the harshest conditions from the arctic to the tropics. Customers are reporting over 7,000 operational hours per year.

Smallest turning radius in the industry

With its high tractive power, the machine can easily climb steep, slippery ramps and perform tight turns on packed decks. Fast working cycles keep your operations moving at the pace that they should to maintain tight schedules. The Kalmar RoRo tractor has the smallest turning radius in the industry for the best maneuverability in cramped spaces. Its turning radius is only 6.3 meters. The hydraulic system with a variable displacement pump provides you with faster lifting and lowering of the 5th wheel – and up to 30% faster movements. There are optimized powerlines for various requirements.



60° tiltable cabin gives excellent access to engine and transmission.



Top-level safety with ROPS approved cabin, excellent all around visibility, easy access to rear deck through rear door and wide, clear stairways on both sides of chassis.

Low operating costs

Minimizing operating costs to retain favorable profit margins is naturally at your interest. With the Kalmar RoRo tractor, you can count on low fuel consumption and low component wear in every possible aspect. For example, the load sensing hydraulic pump delivers oil only when needed, eliminating heat buildup and reducing fuel consumption by 10–15%. Other features include long-life brakes and economical low-emission engines.

All switches and instruments are within easy reach.



Enhanced driving comfort and safety

The Kalmar RoRo tractor boasts outstanding driving performance and advanced safety features. All-around visibility is excellent through larger windows, narrower corner posts and the complete elimination of the outer windscreen corner post. The sliding rear door enables easy and safe access to connect trailer hoses and cables. Steering is easy, precise and rapid. All ergonomic aspects are based on comprehensive interviews and feedback from customers.

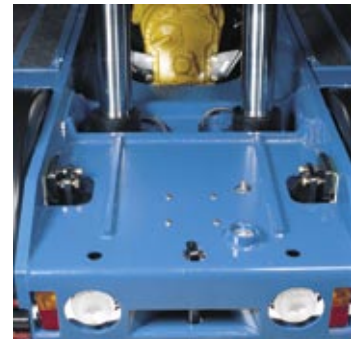
Maintenance easier than ever

Keeping your uptime high and the daily or regular maintenance program as short as possible has an impact on your bottom line. With the Kalmar RoRo tractor, no time is wasted, as all service points can be easily reached. For example, there is convenient ground level access for daily checks, which also guarantees that the checks are made. All operator and service manuals have been carefully planned for easy and rapid access to information.

Globally local support guaranteed

Kalmar, the market leader in heavy materials handling, has a wide service network that covers over 140 countries. You can rely on our rapid local support and spare parts service no matter where in the world you operate.

Strong, robust design. A lateral support system for rear axle with sliding pads.



Strong oscillating mounting design lets the lifting cylinders move freely, with no twisting forces on cylinder rods.

Contact Information:

Kalmar Industries

Lifetime Business Partner

Kalmar is a global provider of heavy-duty materials handling equipment and services to ports, terminals and industrial users. We supply handling solutions, which enable our customers to operate with a high level of efficiency and reliability. Every 4th container or trailer transfer at terminals around the world is handled by a Kalmar machine.

Global Operation

Kalmar has manufacturing plants in Sweden, Finland, the Netherlands, Malaysia, China and the USA, more than 10 sales companies and over 150 dealers around the world. Today, more than 65.000 Kalmar machines are in operation in environments ranging from sub-zero arctic climates to tropical humidity and heat. Our global experience and understanding of local conditions enable us to serve customers in all corners of the world.

Services for Full Response

As customers seek to focus more on their core business, Services offers flexibility and a switch from ownership to equipment availability. Our customer support services include spare parts, field service, financial solutions, service packages, refurbishing, upgrades and Total Fleet Management. Services not only facilitates better equipment performance and continuous innovations, we also make an impact on your operational revenue growth.



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make things easy