



## KALMAR LoLo TRACTORS FOR UNMATCHED PERFORMANCE



# A purpose-built tractor makes a big difference



The Kalmar tractor is purpose-built for efficient terminal and intermodal operations.



Robust construction and reliability turn the Kalmar tractor into a true workhorse.

The pace of today's terminal and intermodal operations is continuously accelerating and having the right, purpose-built equipment for container-moving is essential. Pulling heavy container trailers or long trailer trains between ship and stack demands robustness and efficiency. That is why Kalmar LoLo tractors are ruggedly built to provide you with 100% performance, reliability and guaranteed value for money.

With over 40,000 references, Kalmar is the world's leading manufacturer of terminal tractors and trailer train applications. The first tractors by Kalmar were introduced back in the 1960s. Today, about one half of trailer transfers around the world are handled by Kalmar machines. No other brand has as many terminal tractor deliveries as Kalmar. This success builds on in-depth technology expertise, innovative R&D and close cooperation with customers.

## Reliability in the harshest environments

The heavy-duty Kalmar terminal 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. For example, the four-wheel driven tractor in the trailer train application can pull up to four trailers with a 240 ton gross combination weight.

With long lifetime expectancy, the Kalmar terminal tractor has been built to perform even in the harshest conditions from the arctic to the tropics. Our customers report over 7,000 operational hours per year. The Kalmar terminal tractors differ from others, for example, through their heavy-duty axles. The axle ratios have been specifically designed for optimal speed-to-tractive-effort performance.

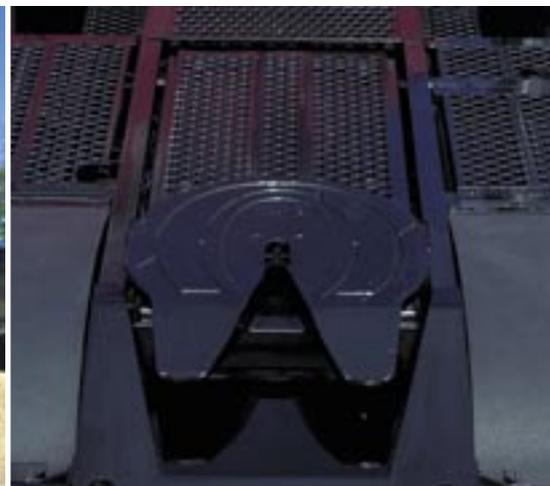




Large windows and angled corners provide excellent all-around visibility. All switches and instruments are within easy reach.



The turning radius is the smallest in the industry.



The robust lift boom and the 5th wheel assembly are designed to endure heavy loads.

### **Low operating costs**

Minimizing operating costs to retain favorable profit margins is naturally in your interest. With the Kalmar terminal tractor, you can count on low fuel consumption and low component wear in every possible aspect. Other features include long-life brakes and economical low-emission engines.

### **Maintenance is easier than ever**

Keeping your uptime high and your daily or regular maintenance program as short as possible affects your bottom line. With the Kalmar terminal tractor, no time is wasted, as all service points can be conveniently reached. All operator and service manuals have been carefully planned for easy and rapid access to information.

### **Enhanced driving comfort and safety**

The Kalmar terminal tractor boasts outstanding driving performance and advanced safety features. All-around visibility is excellent through larger windows and narrower corner posts. The sliding rear door enables easy and safe access for

connecting trailer hoses and cables. Steering is easy, precise and rapid. All ergonomic aspects are based on comprehensive interviews and feedback from customers.

### **Smallest turning radius in the industry**

Fast working cycles keep your operations moving at the fast pace that they should, necessary for maintaining tight schedules at busy terminals. The Kalmar terminal tractor has the smallest turning radius in the industry for the best maneuverability in cramped spaces.

The lift frames and hydraulic system feature extreme robustness and endure hard shocks caused by container lowering. There are optimized powerlines for various requirements.

### **Globally local support guaranteed**

Kalmar, the market leader in heavy materials handling, has a wide service network that covers over 60 countries. You can rely on our rapid local support and spare parts service no matter where you operate in the world.

## 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 product supply centres in Finland, Sweden, Malaysia, the Netherlands and the USA, 12 sales companies and more than 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.

## Kalmar Solutions for Full Response

As customers seek to focus more on their core business, Kalmar Solutions 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. Kalmar Solutions not only facilitate better equipment performance and continuous innovations, we also make an impact on your operational revenue growth.



## Kalmar Industries Oy Ab

Nuolialantie 62, P.O. Box 387, FIN-33101 Tampere, Finland  
Tel. +358 3 265 8111, Fax +358 3 265 8530

[www.kalmarind.com](http://www.kalmarind.com)



*make things easy*