

# Kalmar TR626i/TR632i



**READY TO TAKE ON YOUR HEAVIEST LOADS.**



# The new Kalmar heavy terminal tractor is here.

The new Kalmar heavy terminal tractor is the result of Kalmar Terminal Tractor's uncompromising pursuit of quality in every detail. We provide the powerful, cost efficient performance that meets the needs of heavy industry today – where efficiency and financial results go hand in hand.

Kalmar is the world's leading supplier of terminal tractors. Our customers get agile, flexible solutions that can be adapted to their needs and tailored to the task at hand.

During the last few years there have been two clear trends in heavy industry: more customers demand higher productivity, and handled cargo per movement gets heavier and heavier. That's why we have developed not only one, but two new tractors, built on the same platform. The Kalmar TR626i is made for heavy operations, and the Kalmar TR632i is suitable for super heavy operations. Flexibility is the key. The TR626i/TR632i is adapted to the requirements of heavy industry. It has been developed in close cooperation with customers and with insights from market research. The new tractor provides the capacity needed today, and fulfils the expectations of future demands.

## **HIGHEST CAPACITY ON THE MARKET.**

The Kalmar TR626i/TR632i is the latest addition to the popular Kalmar Terminal Tractor family. For more than 20 years we have provided terminal tractors and numerous applications to heavy industry.

Our new heavy-duty terminal tractor has the highest capacity on the market. No other machine can handle more weight: it has up to 50 tonnes lift capacity and 320 tonnes GCW. This makes it ideal for heavy industries, heavy RoRo and trailer trains.

The TR626i/TR632i isn't only made to be powerful. Its Volvo D13 engine beats current emission requirements and lowers NOx emissions to almost zero.

Our new terminal tractor is also reliable – we know that uptime is a crucial factor in many industries. The same philosophy has guided us when it comes to maintenance. We've made easy access a priority in order to make servicing faster and easier.



# More than just muscles.

Today's heavy industries need tractors that can handle loads that increase every year. The Kalmar TR626i/TR632i is our most powerful tractor ever. It has up to 50 tonnes lift capacity and 320 tonnes GCW. Heavy industry also needs tractors with low emissions, superior ergonomics and low maintenance costs. The Kalmar TR626i/TR632i has it all, including a CAN Bus system, which provides superior performance adapted to customer needs.

Hundreds of hours of testing and feedback analysis from experienced drivers contribute to making CAN Bus (Controlled Area Network) state of the art. The CAN Bus interface helps with maintenance planning by having all information and diagnostics available on the driver's display, allowing troubleshooting to

take place in just seconds. CAN Bus makes customisation easy. Among other settings, you can choose Load Sensing Speed Limit and Silent Drive with lowered engine noise and no backing signal – perfect when working at night or in populated areas.



There's also autostop after adjustable idling time to protect the power line, and a long list of other features. The CAN Bus technology provides a flexible platform for lifting height limiters and auxiliary equipment like special trailers.

The Kalmar TR626i/TR632i features a durable, stable and powerful active tilting lift boom, which allows +/- 10° lateral inclination of the fifth wheel. This allows the trailer, or the gooseneck, to follow the terrain without torsion forces to the chassis, ensuring better balanced traction between all wheels. The driver can balance a trailer with unbalanced loading or cargo that has moved during transportation. The driver easily controls the inclination from the cabin. To lower the trailer/lift boom to a pre-set height, the driver only needs to touch the joystick. The entire drive line, including engine, axle and gearbox, are built for maximum power and efficiency.

The Volvo D13 engine complies with current emission regulations (Stage IIIB/Tier 4i) for reducing the effects on the environment of exhaust emissions from diesel engines. The TR626i/TR632i also injects AdBlue, a benign chemical reagent, into the exhaust gas flow and converts nitrogen oxides (NOx) into nitrogen and oxygen.

The selective catalytic reduction system (SCR) combines increased power with lower emissions. The cooling demands for SCR engines remains the same or even lower than before. Also, the power output is maximised. This results in reduced costs and simplified installations.





*The spacious cabin has a 180°  
turntable seat as standard.  
It gives the driver better  
manoeuvrability and makes  
operations easier.*

# Born to run and run and run.

The TR626i/TR632i is designed for easy maintenance on a regular basis. Access from ground level has been simplified and made easy for check-ups and adjustment procedures, including access to several service points. This makes it possible to work the TR626i/TR632i around the clock, which lowers the cost of ownership.

More than 3,000 hours have been dedicated to strength and reliability analysis for the main components and systems. The heavy-duty frame and chassis are designed specially for demanding port and industry operations.

You sit comfortably and work ergonomically in the spacious cabin, designed according to the latest safety standards. High-quality materials create a quiet driving environment. The cabin has excellent all-round visibility, and the asymmetrical seating arrangement gives the driver a better view through the side window. Every control is within easy reach, optimising efficiency. The new 3.5" colour display with its updated logical layout shows all necessary information and diagnostics, giving the driver a first-rate overview and superior control of the tractor. The highly accurate steering is easy to use and offers excellent manoeuvrability.

*Excellent manoeuvrability for efficient action in confined spaces*



*Easy access to regular service points – diesel and urea tanks on the same side with quick and easy-opening side cover.*



*The Volvo D13 engine delivers plenty of power when you need it.*



*Clear and logical dashboard and controls within easy reach, as well as a cabin with a 360° view.*



*Optimised suspension for extra comfort and easy maintenance.*



*Safety being a key criterion, the tractor is designed for quick and safe entry and exit.*



*The 3.5" colour display gives superior control for driver as well as for service and maintenance personnel.*



*Ground-level access makes maintenance easy and quick, reducing downtime.*

The clean, logical layout of the TR626i/TR632i is completely redesigned compared to previous Kalmar terminal tractors. SCR, air filters, pneumatic and hydraulic valves, hydraulic tank and CAN modules are within easy reach, as are the air tanks, batteries, urea control and tank, and the 300-litre diesel tank.

Anti-slip materials, clear walkways, and wide footsteps with sturdy handrails make it safe and easy to enter and exit the Kalmar TR626i/TR632i. The engine side door allows safe and effortless access to the trailer connections. The high placement of the cabin gives excellent all-round visibility.

Global presence and local service bring  
our products and solutions closer to our customer.



*Cargotec improves the efficiency of cargo flows on land and at sea – wherever cargo is on the move. Cargotec's daughter brands Hiab, Kalmar and MacGregor are recognised leaders in cargo and load handling solutions around the world. Cargotec's global network is positioned close to customers and offers extensive services that ensure the continuous, reliable and sustainable performance of equipment. Cargotec's class B shares are quoted on the NASDAQ OMX Helsinki. [www.cargotec.com](http://www.cargotec.com)*



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