

A

# SMART

choice



T2i



Introducing the

# T2i

The new Kalmar T2i is our smartest Terminal Tractor yet.

We have found many clever ways to improve your drivers' operating experience and the T2i's operational productivity. You can expect reduced cabin noise, smoother gear changing and more responsive steering and braking, enabling your drivers to operate their terminal tractor more efficiently in any type of conditions. Plus, with improved hydraulics your drivers will be able to move loads quicker, with faster lifting and lowering speeds of the 5th wheel.

## Added peace of mind.

For added peace of mind we have extended our warranties on both the machine and its chassis and you get free access to Kalmar Insight for two years. This gives you full visibility on your fleet's performance so that you can continually optimise your operations and plan your maintenance activities effectively. Reducing downtime and improving availability.

## Delivering a complete package:

Our new Kalmar T2i comes as a complete package so you don't need to worry about a thing:

**2** years free access to Kalmar Insight to monitor your entire fleet

**2** years / 6,000 hours standard warranty on your T2i terminal tractor

**7** years or 10,000 hours extended warranty on your T2i's chassis.





# BETTER

for your drivers

**A cabin designed for your drivers:** We have made sure that everything in our cabin has been ergonomically designed, down to the smallest detail. Your drivers will benefit from a comfortable driver's seat, a control panel that's always visible and within easy reach and even a brake pedal that has been redesigned to improve braking.

**Excellent visibility:** Our T2i has no A-Pillar and one of the widest front view windscreens you will experience. Side mirrors are fitted as standard to make sure your drivers can always see behind them. Plus, there's added visibility onto the rear platform and trailer through a cleverly designed rear window.

**Easy and safe access:** Every Kalmar T2i Terminal Tractor has not only the driver side door, but also an additional level entry door off the rear platform.

**More comfortable:** We've made sure your driver will always be comfortable no matter what the conditions are like outside the cabin. With effective heating and ventilation, an adjustable seat that can be mounted in three different positions and a handy cup holder - your driver will be more comfortable and productive.



## Clever changes that make a real difference.

### **Smoother gear changing.**

With updated transmission software your drivers will experience exceptionally smooth transitions between gears, improving their overall driving experience and reducing wear and tear on your terminal tractor. This new software can also be retrofitted to older Kalmar Terminal Tractors.

### **Improved braking.**

We have changed the angle of the braking pedal to make sure your drivers are able to stop without coming to an abrupt halt. The change in angle of the brake pedal will also reduce the effort your drivers have to make when applying the brake, minimising stress and strain on their legs.

### **Better steering.**

We have adjusted the Kalmar T2i's hydraulic system, reducing torque and steering resistance by 45% to provide a smoother driving experience.

### **Faster lifting and lowering speeds.**

We have dramatically improved the T2i's lifting and lowering speeds by improving the hydraulics system, by changing valves and improving the oil flow to the lifting cylinders. These changes not only improve lifting and lowering speeds, they reduce waiting time, which in turn reduces fuel usage and costs.

**Ready to handle the tough jobs:** We only use the most durable materials, so your Kalmar T2i stays operating optimally and looking good for longer.



# Get CONNECTED

With every Kalmar T2i Terminal Tractor you get two years free access to Kalmar Insight which will allow you to continuously optimise your fleet, improving productivity and fleet availability.

#### Optimise your operations with Kalmar Insight.

Kalmar Insight is a performance management tool for cargo handling, which gives you an easy to use overview of your fleet operations, by aggregating data from multiple sources, including your Kalmar equipment and equipment built by other manufacturers. This information can then be accessed through a user-friendly interface that is available on mobile, tablet or more traditional screens.

#### Schedule your maintenance.

You can review your entire fleet activities and schedule your maintenance activities based on your equipment's operating hours. An additional upgrade option is available where the required service packs can be pre-ordered and will be automatically delivered to your business.

#### Connect your entire fleet.

Kalmar Insight enables you to take action on real-time information that will help improve your overall operations immediately. It comes ready to be activated in all new Kalmar T2i Terminal Tractors, it can also be retro fitted into existing Kalmar equipment or those built by other manufacturers.



**A focus on safety:** Like you, one of our prime concerns is making sure operators of the new Kalmar T2i Terminal Tractor are as safe as possible at all times. Which is why our tractors come with FOPS (falling object protection structure) and ROPS (roll over protection structure) as standard. We have improved reversing visibility so your drivers can see exactly what is happening behind them, and with smoother braking and steering, your drivers will feel in more control of their terminal tractor.



To visit our Kalmar Insight virtual showroom use this QR code.



# EASIER

is smart

The Kalmar T2i Terminal Tractor is not only smart, it has been packaged together to make your life easier and provide the peace of mind you need.

#### Easier servicing and maintenance.

Servicing and maintaining your terminal tractor is quicker with safe and easy access to the driveline and electrical systems with a full tilt cabin and front access panel. Changes and replacements to the frame are easier, as we use a rigid bolted system and not a welded frame which can be costly and difficult to upgrade or change.

#### Longer warranty period.

We have extended our warranty period from 4,000 hours to 6,000; knowing our T2i terminal tractor has been built to last. Should you need local service and support, you may want to consider one of our Kalmar Care service and maintenance contracts, that can make sure you are getting the most out of your terminal tractor every day.

#### Real value.

When you bring together a great operating environment for your driver, the most efficient power train combinations, superior safety and an exceptionally robust build, you know you are getting more for your money in the long run.

### Get the most out of your T2i.

Kalmar Training offers a range of courses for both your technicians and operators. Technicians will be given the knowledge that they need to be able to maintain your new equipment in top condition. Courses are a mix of theory and hands-on experience and can be held at your site.

Operators will be shown how to get more from their equipment, improve the efficiency of their driving, what needs to be checked daily before operating and how to get the most out of their new T2i terminal tractor.

### Making sure your business never stops.

Our job doesn't stop once we deliver your new T2i terminal tractor as we can also offer a range of service and maintenance contracts from Kalmar Care. Kalmar Care covers all the essential services for maintaining your equipment to help keep your operations going without disruption.

We offer a range of flexible service contracts, which are designed to help you improve your operational efficiency, productivity and financial predictability. You just need to choose what is right for you and your day-to-day operations.



#### Genuine Parts.

When something needs to be replaced you want the spare part that meets your exact needs – immediately. Kalmar offers a rapid delivery service for over 50,000 premium-quality Kalmar spare parts to anywhere in the world, because unplanned downtime means lost productivity and lost revenue.

#### Financing options.

You may choose to buy your new terminal tractor outright or consider leasing or renting your equipment. Kalmar offers a range of leasing and renting options that can give you the financial predictability you need and the option to upgrade your equipment after a fixed period. With our leasing packages you can focus on your core operations, while we perform all your service and maintenance needs required by your fleet.

You just need to choose which leasing package and level of service and maintenance support is right for your business. Kalmar can also look at you trading-in your old equipment. No matter what your service and support needs are, make sure that you speak to your local Kalmar team first.

#### Kalmar MyParts.

To make life easier you can now purchase Kalmar Genuine Parts on-line at MyKalmar. With 100s of thousands of parts in stock at any given time we can deliver them to you quickly, no matter where you are the world.

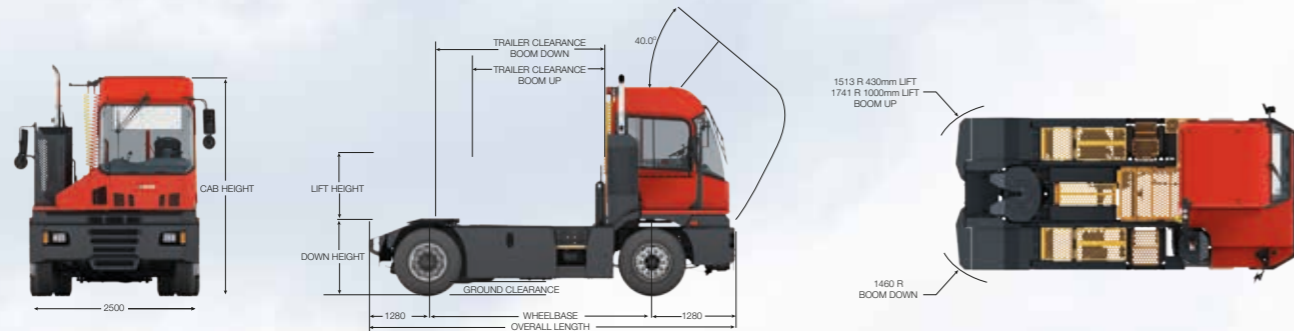
Kalmar MyParts is easy to use and allows you to search for exactly the right part from your machine's individual catalogue or by the part number. There are also customised maintenance and service kits available that bundle together everything you need for your regular service activities based on your equipment operating hours.

To take advantage of everything that Kalmar MyParts has to offer - speak to your local Kalmar support team and join the growing community of 1000s of users from over 100 countries.

# BUILD

your own

Modularly built, with great flexibility, the Kalmar T2i will meet your demands and exceed your expectations.



## Dimensions

| Wheelbase | Overall Length | Trailer clearance |             |           |
|-----------|----------------|-------------------|-------------|-----------|
|           |                | Boom up           |             | Boom down |
|           |                | 430mm lift        | 1000mm lift |           |
| 2950      | 4850           | 1970              | N/A         | 2080      |
| 3200      | 5105           | 2220              | 1870        | 2340      |
| 3450      | 5360           | 2480              | 2120        | 2590      |

| Tyre size   | Down Height |                           | Cab Height | Ground Clearance |
|-------------|-------------|---------------------------|------------|------------------|
|             | Rigid Axle  | Air suspension W/lowering |            |                  |
| 295/60R22.5 | 1102        | 1062                      | 3191       | 123              |
| 280/75R22.5 | 1135        | 1095                      | 3213       | 156              |
| 11R22.5     | 1156        | 1116                      | 3250       | 177              |
| 310/80R22.5 | 1177        | 1137                      | 3269       | 198              |
| 315/60R22.5 | 1135        | 1095                      | 3213       | 198              |
| 300/80R22.5 | 1162        | 1122                      | 3254       | 183              |

## Transmissions

| Transmission    |
|-----------------|
| Allison 3000RDS |
| Allison 3500RDS |

## Power trains

| Engine model                       | Rated kW @ rpm    | Rated torque @ rpm |
|------------------------------------|-------------------|--------------------|
| Cummins B6.7 Tier 5/EU stage 5     | 129 kW @ 2200 rpm | 841 Nm @1500 rpm   |
|                                    | 168 kW @ 2200 rpm | 1186 Nm @1300 rpm  |
| Cummins QSB6.7 Tier3 / EU Stage 3A | 129 kW @ 2200 rpm | 800 Nm @1500 rpm   |
|                                    | 164 kW @ 2200 rpm | 945 Nm @1500 rpm   |

## Front axle options

| Axle          | Capacity @ speed   | Hub   |
|---------------|--------------------|-------|
| Kalmar FA11   | 11250 KG @ 20 km/h | 335mm |
| Meritor MFS20 | 9080 KG @ 25 km/h  | 335mm |

## Load carrying devices

| Product              | Lift height | Capacity |
|----------------------|-------------|----------|
| Stationary 5th wheel |             |          |
| Distribution pkg     | 430mm       | 20T      |
| Port package         | 430mm       | 28T      |
| Port package         | 430mm       | 32T      |
| Port package         | 430mm       | 36T      |
| Port package         | 813mm       | 32T      |
| Port package         | 1000mm      | 32T      |

## Rear axle options

| Axle          | Ratio | Capacity @ speed   |
|---------------|-------|--------------------|
| Kalmar RA38   | 12.20 | 38000 KG @ 20 km/h |
| Kalmar RA38   | 14.60 | 38000 KG @ 20 km/h |
| Meritor MOR32 | 16.92 | 32000 KG @ 25 km/h |
| Meritor MOR32 | 12.27 | 32000 KG @ 25 km/h |

Rear axle differential lock  
Rear axle air suspension with lowering

## Fifth wheels

| Product               | Capacity |
|-----------------------|----------|
| Holland FW 35-TT      | 36000 KG |
| Holland FW 3510-TR-EG | 23000 KG |

## There are also many options for you to choose from:

- Idle shutdown
- Rear axle air suspension
- Radio + MP3/USB player with DAB+
- Adjustable steering column
- Extra working lights
- Double fuel tanks (total 380 liter)
- Electrical side-window
- Air-conditioning
- Clipboard with lights
- Central greasing system
- Extra airtanks (total 118 liters)
- Extra ABS, 7-pin and 15-pin connectors.



# KALMAR

Making your every move count

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