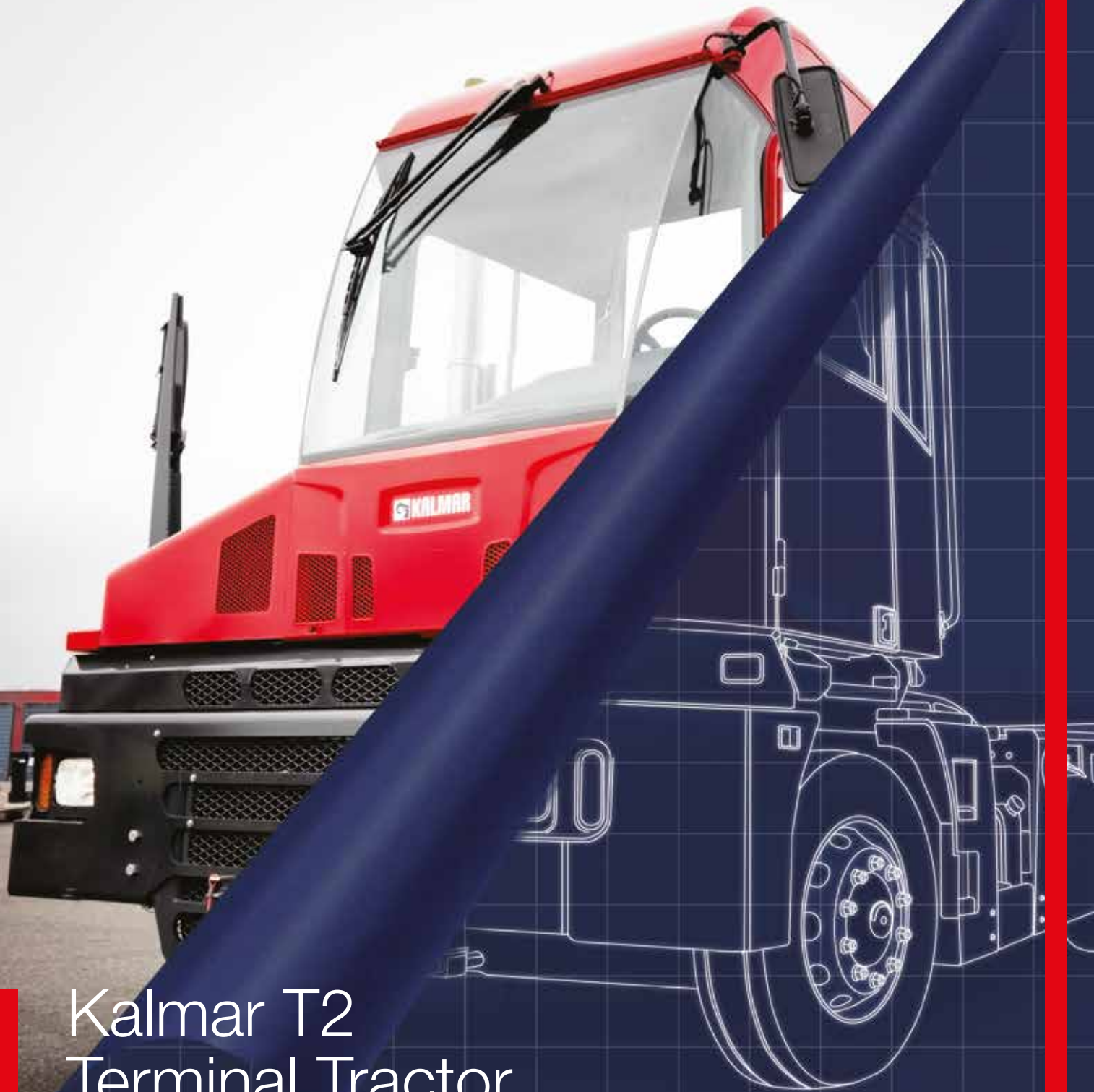


# Designed with you, built by us.



Kalmar T2  
Terminal Tractor.



# Designed with you.

Our new Kalmar T2 Terminal Tractor has been designed with more than just you in mind, it has been designed based on what you have told us you are looking for in our next generation of terminal tractors.

We have done more than just listen to you, we have built a terminal tractor based on what you have told us you need, not what we think you want. Which is why we say the new Kalmar T2 Terminal Tractor is designed with you and built by us.

#### More of what you want.

Through our design process we identified five key areas to focus on, based on feedback and input from our customers and their drivers. Plus our own team, who wanted to build the most customer-centrally designed terminal tractor that the European market has ever seen. There are five main areas you asked us to focus on.

## You asked for:

- 1 Flexibility and choice.**

You asked for more flexibility and choice in the range, which is why you can now choose from over 100 different combinations of engines, transmissions and axels.
- 2 Easier to maintain and service.**

You asked for our new terminal tractors to be easier to maintain and service. Which is why we have given you a simpler construction and more accessible servicing points.
- 3 A better cabin for your drivers.**

You asked us to build a better cabin that was more comfortable for your drivers no matter what conditions it had to operate in. Which is why we have built our most ergonomical operator friendly cabin ever.
- 4 A safer tractor to operate.**

You wanted a terminal tractor that was safer for the driver, which is why we have improved accessibility to the cabin and have many safety features that come as standard with every Kalmar T2 Terminal Tractor.
- 5 More economical in the long run.**

You wanted a tractor that costs less to own in the long term but didn't compromise on its build quality. Which is why you now only pay for what you want, get a choice of highly efficient engines and an extremely robust design that is backed up by a 24 month or 4000 hour warranty.



# More flexibility and choice than ever before.

You told us that you wanted more choice and options so you could decide what you really needed in a terminal tractor and weren't trapped into buying a machine that was pre-specified for a particular purpose that didn't meet your needs.

7 engines to choose from.



2 transmissions to choose from.



8 axles to choose from.



4 lifting heights to choose from.



4 lifting capacities to choose from.



100 different combinations to choose from.

**7 different Volvo and Cummins engines** to choose from with different levels of power: from 129kW to fuel efficient 168kW, with five of the seven engines also meeting the tough Euro 4 emissions standards.

**2 different transmission** choices. There are two different Allison transmissions to choose from, one for the everyday and one that is more suited to heavier loads.

**8 different axles** to choose from. With a choice of either a SISU or Meritor front axles coupled with three different rear axles with a choice of ratio's.

This totals up to over 100 different combinations of engines, transmissions and axles for you to choose the one that suits your business the best.

**4 lifting heights.** Depending on your cargo and lifting needs you can choose from four different maximum lifting heights from 0-1000mm.

**4 lifting capacities.** Our range of lifting capacities from 20 to 35 tonnes are sure to meet your varying needs.

There is also an extensive list of options to choose from or we can customize your new tractor based on your exact needs.





## You asked for a better cabin.

## A safer tractor to operate.

**You asked for our cabin to be more comfortable,** so we have made sure that everything in our cabin has been ergonomically designed. With an extra-comfortable driver's seat and a control panel that's always visible and in easy reach, it's our most comfortable cabin yet.

**You wanted greater visibility,** so we have no A-Pillar and one of the widest front view windscreens you will experience. Plus there's added visibility onto the rear platform and trailer through a cleverly designed rear window.

**You wanted easier cabin access,** which is why every T2 Terminal Tractor has not only the driver side door, but also an additional level entry door off the rear platform.

**You wanted a cabin that could handle a bit of rough treatment,** which is why we've only used the most durable composite materials, so it stays looking good for longer.

**You wanted more driver comforts,** so we've made sure your driver will always be comfortable no matter what the conditions are like outside the cabin. With improved heating and ventilation, a more comfortable adjustable seat and a handy cup holder your driver may never want to get out.

**You wanted a bit more room inside,** so we increased the cabin's head height and cleverly designed the position of the driver's seat and control panels. Your drivers will experience an exceptionally roomy cabin.



Like you, one of our prime concerns is making sure that the operator of the new Kalmar T2 Terminal Tractor is 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) for starters.

We have made getting in and out of the cabin safer with a wide driver side door and an easily accessible rear door which leads to an extra wide and flat rear platform. All access points are supported by carefully placed handrails and made even safer with anti-slip surfaces.

There is greater visibility for the driver through the panoramic front windscreen and a clear view through to the rear platform and trailer with the rear cabin window.

The new Kalmar T2 is also available with a heavy-duty lifting system, including hydraulic double-acting cylinders enabling greater control when lifting and lowering of the 5th wheel.



# You wanted your new tractor to cost less in the long run.

You told us you wanted greater flexibility in building and specifying your new tractor instead of having to buy a purpose built tractor, which is why you have over 100 combinations of drivelines and numerous options to choose from. You specify your own tractor and only pay for exactly what you want.

#### Easier servicing and maintenance.

We have also made servicing and maintenance easier with increased accessibility to the driveline and electrical systems with a full tilt cabin and front access panel. Changes and replacements to the frame are now easier as well, as we have moved to a rigid bolted system and left behind the inflexibility of a welded frame.

#### Longer warranty period.

You asked us to extend our warranty period so we have, to 24 months or 4000 hours; knowing our tractors are 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 help make sure you are getting the most out of your tractor every day.

#### Real value.

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

# You wanted more support.

Our job doesn't stop once we deliver your new T2 tractor 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 helping keep your operations going without disruption. We offer four different types of service contracts, which are designed to help you improve your operational efficiency, productivity and financial predictability. You just need to choose which one is right for you and your day-to-day operations.

#### Genuine spare parts to keep your business moving.

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.

# You wanted extra-clever thinking.

Kalmar SmartFleet can provide you with a clever equipment optimization tool.

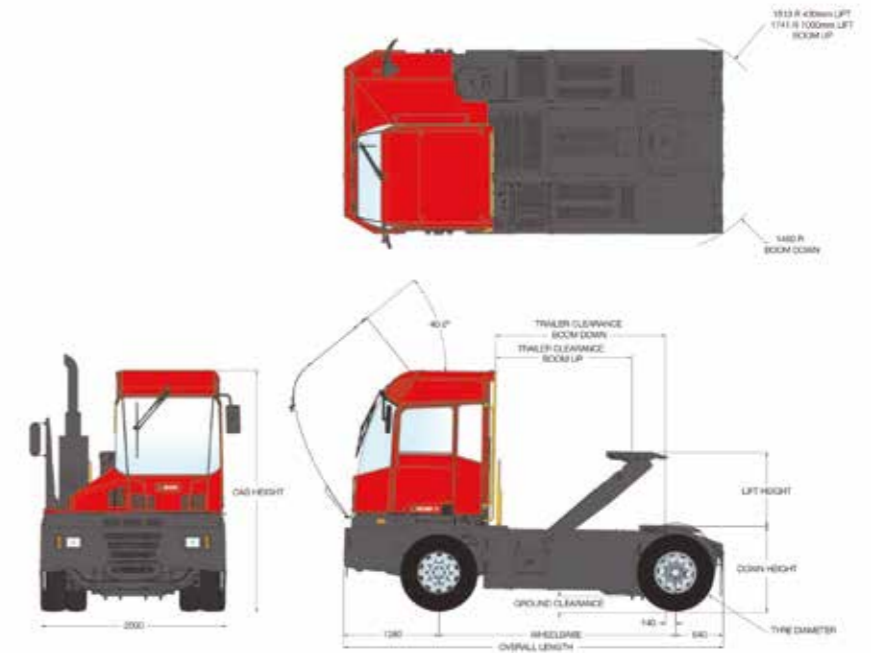
Your equipment's engine and location data is streamed to the SmartFleet software. This data is then analysed and displayed on a rich graphic interface for you to be able to assess the equipment's key performance data and make suitable changes to your operation processes to improve both efficiency and productivity.

Kalmar SmartFleet enables you to more effectively manage your container handling operations, decreases downtime and can help to improve safety at your site.

24 hrs  
Most of our parts can be delivered to you within 24 hours.



**Designed  
with you,  
built by us.**



**The Kalmar T2 terminal tractor.**

Modularly built, with great flexibility, the Kalmar T2 will meet your demands and exceed your expectations.

**Dimensions**

Wheelbase	Overall Length	Trailer clearance		
		Boom up		Boom down
		430mm lift	1000mm lift	
3000	4850	1970	N/A	2080
3200	5105	2220	1870	2340
3500	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
11.00R20	1180	1140	3292	200

**Transmissions**

Transmission
Allison 3000RDS
Allison 3500RDS

**Power trains**

Engine model	Rated kW @ rpm	Rated torque @ rpm
Cummins QSB6.7 Tier4F/EU Stage 4	129 kW @ 2200 rpm	841 Nm @1500 rpm
	149 kW @ 2200 rpm	929 Nm @1500 rpm
	168 kW @ 2200 rpm	1044 Nm @1500 rpm
Cummins QSB6.7 Tier3 / EU Stage 3A	129 kW @ 2200 rpm	800 Nm @1500 rpm
Cummins QSB6.7 Tier3 / EU Stage 3A	164 kW @ 2200 rpm	945 Nm @1500 rpm
Volvo TAD571VE Tier4F/EU Stage 4	129 kW @ 2300 rpm	800 Nm @1500 rpm
Volvo TAD572VE Tier4F/EU Stage 4	160 kW @ 2300 rpm	900 Nm @1500 rpm

**Front axle options**

Axle	Capacity @ speed	Hub
Sisu SSND	10000 KG @ 25 km/h	335mm
Meritor MFS20	10000 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	830mm	32T
Port package	1000mm	32T

**Rear axle options**

Axle	Ratio	Capacity @ speed
Meritor MOR32	16.92	32000 KG @ 25 km/h
Meritor MOR32	12.27	32000 KG @ 25 km/h
Meritor MOR35	12.27	35000 KG @ 25 km/h
Meritor MOR35	16.92	35000 KG @ 25 km/h
Sisu SRDP	12.28	32000 KG @ 25 km/h
Sisu SRDP	16.41	32000 KG @ 25 km/h
Rear axle differential lock		
Rear axle air suspension with lowering		

**Fifth wheels**

Product	Capacity
Holland FW 35	32000 KG
Holland FW 3510-TR-EG	36000 KG
Holland FW 2870	45000 KG

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

- Idle shutdown
- Rear axle air suspension
- Radio
- Adjustable steering column
- Differential lock
- Double fuel tanks (total 380 liter)
- Electrical window
- Air-conditioning
- Clipboard
- Central greasing system
- Extra airtank.



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

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