

Kalmar Straddle Carriers.

When flexibility
is your driver.



KALMAR

A single solution to meet your needs.

When you need a single piece of equipment for all your container operations, Kalmar Straddle Carriers are the perfect solution for your business.

With the ability to stack four containers high and lift loads up to 60 tonnes, Kalmar Straddle Carriers can meet your changing needs, from quayside to landside. They are able to pick and place containers from the ground under your STS cranes, effectively decoupling your quayside and landside operations. They can also move containers easily to your stacks or place them in position ready to be moved out of the terminal.

The entire range of Kalmar Straddle Carriers are built on 70 years of experience working with terminal operators around the world. Every one of our straddle carriers features a choice of power units from fully electric to hybrid engines, advanced safety features and one of the best operator experiences available.

A flexible range for you.

Every Kalmar Straddle Carrier features a modular design that can be tailored to meet the needs of your business. There are three different models to choose from:

Kalmar FastCharge™ Straddle Carrier.

The Kalmar FastCharge Straddle Carrier uses electric drive units with the latest battery technology, which can be charged on the go. You may include a small diesel engine which will allow you to move your machine around your yard when it isn't charged.



Kalmar Hybrid Straddle Carrier.

The Kalmar Hybrid Straddle Carrier delivers all the power you're used to, with up to 40% reduction in fuel consumption and up to 50 tons less CO₂ emissions per annum than a traditional diesel-electric machine. A regenerative energy system captures kinetic braking and spreader energy, transforming it into a storable, clean, power source.



Kalmar Straddle Carrier.

The Kalmar Straddle Carrier offers high performance, excellent fuel efficiency and low noise. Featuring a diesel-electric drive, this straddle carrier complies with the latest exhaust emission regulations.



When versatility counts.

Kalmar Straddle Carriers can work in combination with ASCs or as a standalone solution in small or medium sized terminals.

Why choose a Kalmar Straddle Carrier?

Kalmar Straddle Carriers are highly efficient, productive and safe to operate.

Extremely efficient.

You have a choice of highly efficient drive units, with our FastCharge Hybrid Straddle Carrier exceeding the most stringent carbon emission standards globally. In fact, our hybrid drive unit can reduce your carbon emissions by up to 40% and our fully electric unit has zero emissions at source.

Our electric and hybrid range also features a rope hoist system with only eight pulleys, making it highly efficient, safer and easier to maintain than other systems.



Up to ZERO emissions at source.



Highly productive.

Highly productive.

Our range of straddle carriers offers you the highest levels of productivity. You can handle two containers at a time and stack up to four containers high, lifting up to 60 tonnes.

A low centre of gravity means that cornering can be done safely at higher speeds, so you can move containers quicker. All of our straddle carriers are easy to operate and have servicing intervals of up to 1000 hours. Plus, all servicing points are easily accessible from the top of the frame.

Safer.

Kalmar Straddle Carriers feature the strongest frame in the industry, with a streamlined yet extremely rigid design with no external bracing. The structure enables easy access to all key components, which are well protected within the frame. Coupled with superior cabin visibility, your operators will stay safe and be in control at all times.

Our entire range of straddle carriers feature active stability control. This system continually monitors the speed, turning radius and spreader position and will slow the machine down automatically when needed. This helps the driver operate the straddle carrier in a safe manner.

Ergonomic cabin design.

The cabin was designed in cooperation with our customers. It features a spacious interior, window contours that minimise night-time reflections, and low cabin noise. Ergonomically designed with an intuitive user interface, dimmable LED lighting and an optional 180 degree electrically adjustable seat, puts everything in easy reach for your operators.



Active stability control.

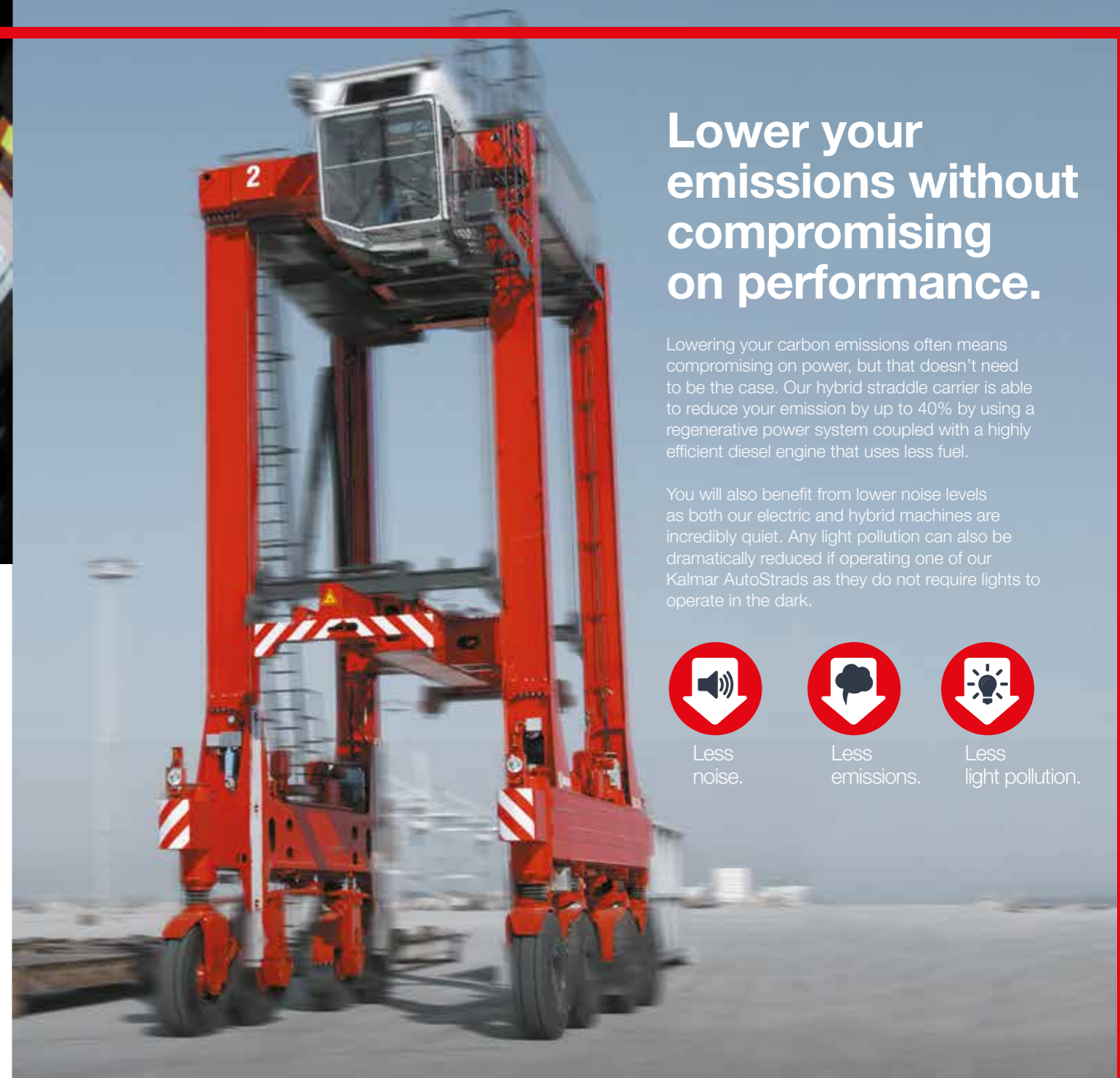


Safer.



Thinking of automating?

Kalmar AutoStrad™ is a proven automation solution for container terminals. All Kalmar Straddle Carriers can be delivered automation ready or can be retrofitted for automation at a later date.



Lower your emissions without compromising on performance.

Lowering your carbon emissions often means compromising on power, but that doesn't need to be the case. Our hybrid straddle carrier is able to reduce your emission by up to 40% by using a regenerative power system coupled with a highly efficient diesel engine that uses less fuel.

You will also benefit from lower noise levels as both our electric and hybrid machines are incredibly quiet. Any light pollution can also be dramatically reduced if operating one of our Kalmar AutoStrads as they do not require lights to operate in the dark.



Less noise.



Less emissions.



Less light pollution.



FastCharge on the go in 30 - 180 seconds.

Clean power on the go.

Kalmar's new FastCharge system, charges the fully electric Kalmar FastCharge Straddle Carrier while it is hard at work in your yard. No more spare batteries, or lengthy re-charging times, as your straddle carriers can now recharge at strategically placed fast-charging stations during normal operations. Typical recharging time are only 30 to 180 seconds at 600 kW.

The result? You get faster turnaround times, increased productivity with as high as 90% utility rates, less noise and zero emissions at source.



Ready for the future.

When you decide to start automating container movements in your terminal, you can be sure that our straddle carriers are ready to take on the challenge. Kalmar Straddle Carriers can be factory fitted to your desired level of automation, ready for a smoother transition to automated operations in the future. Existing machines can be retrofitted when you are ready for the change to automated container movements. Or you may decide to update your fleet with a new Kalmar AutoStrad for fully automated container movements.

Either way, Kalmar can work with you to make sure you are ready to reap the full benefits of automating your terminal in the best and most efficient way possible.

Remotely connect and monitor your straddle carriers.

All Kalmar Straddle Carriers can be remotely connected and monitored through Kalmar Insight or you can seamlessly integrate diagnostic, performance and location data into other systems like your TOS.



KALMAR

The right support.

Our job doesn't stop once we deliver your new straddle carrier. We offer a range of support services that help keep your new equipment running at its optimal best. With a global network of over 1500 service and support staff, in over 100 countries, we will always have someone nearby to give you the support you need.

Kalmar Care, making sure your business never stops.

Kalmar offers four different types of service and maintenance contracts, for any brand of equipment. Each is designed to help you improve your operational efficiency, drive productivity and secure financial predictability. Each contract type includes a set of standardised service modules that can be matched to meet your business needs. You just need to choose which one is right for you and your day-to-day operations.

When the right part matters.

When something needs to be replaced urgently, you need a spare part that meets your exact needs – immediately. Kalmar offers a rapid delivery service for over 50,000 premium-quality genuine parts to anywhere in the world, with installation support if needed.

You may also want to consider outsourcing all or part of your spare parts management and inventory control with Kalmar Parts Care. This service makes sure that critical spare parts are always on hand so your equipment downtime is kept to a minimum. Each Kalmar Parts Care plan is based on your individual needs, so talk to us today and see how we can improve your parts availability, while reducing your inventory holding costs.

Upgrades and retrofits.

Kalmar may be able to upgrade your existing straddle carrier fleet to help prepare it for future automation. We can upgrade and work on many different brands and generations of straddle carriers. Contact us to arrange a full assessment of your needs and equipment.





KALMAR

Making your every move count

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