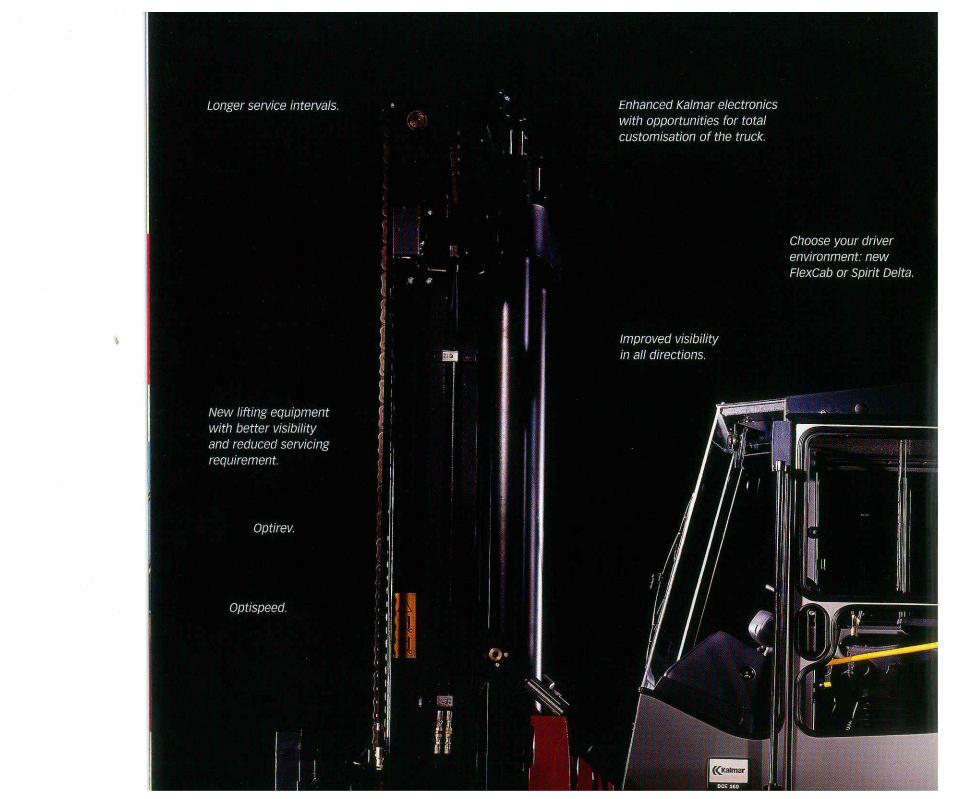


THE NEW KALMAR 9-18 TONNES A TOTAL FEELING OF CONTROL





A brand new range of medium trucks

Machines in a league of their own when it comes to driving sensation, smart handling and visibility. Characteristics that together with high quality, long life and simple servicing lay the right foundations for efficient working – with superior overall economy.

The new Kalmar 9-18 tonnes is also easy to adapt to your needs. Choose from a host of unique solutions, where advanced electronics rationalise handling and make it safer than ever – all on your terms.

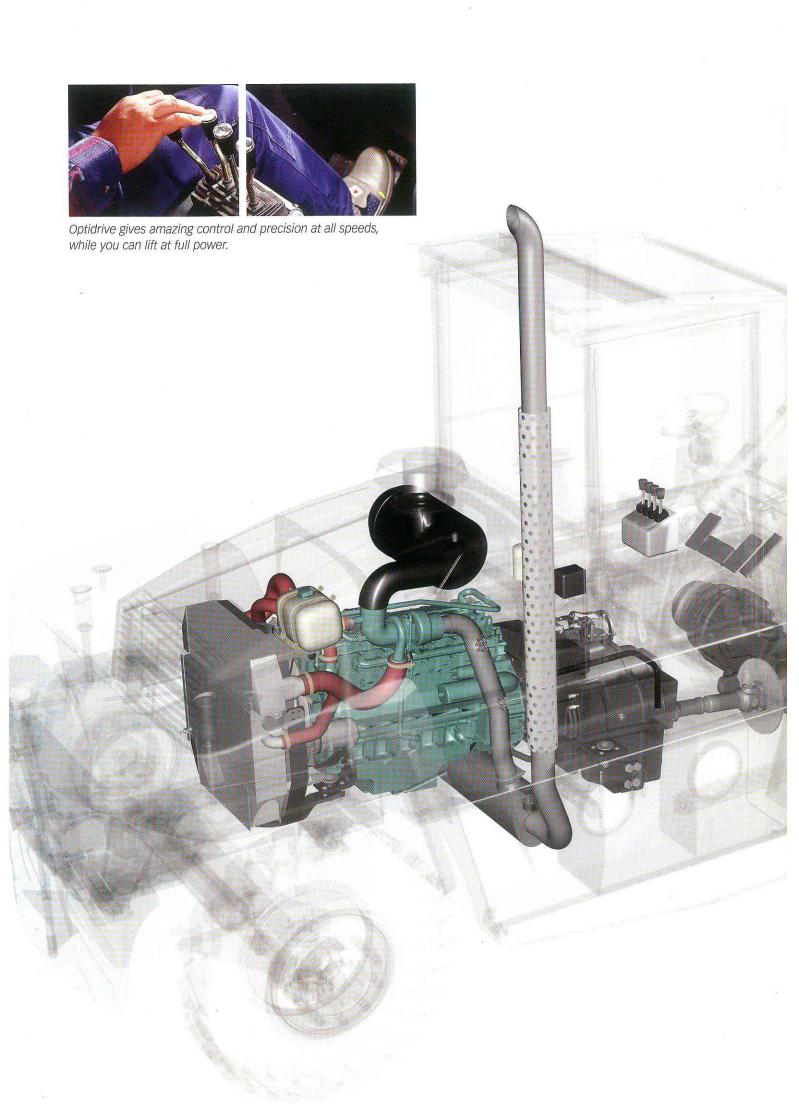
Welcome to a total feeling of control.

New electronically controlled gearbox with several intelligent functions.

All engines fulfil the latest low-emission requirements.

Heavy duty radiator.

(Kalmar





Unique driving sensation

The feeling of driving the new Kalmar 9-18 tonnes is an experience all its own. The visibility, the comfort and the very low centre of gravity form the basis. The new, electronically controlled gearbox developed in co-operation with Dana offers totally unique opportunities. You can drive gently and precisely at all speeds, while operating the lifting equipment with the same high precision. A monitoring system increases reliability, and the program controlling gear changes is optimised for each individual truck.

There are many different settings, and you can choose exactly the driving sensation you want.

Stepless automatic gearbox

Allows comfortable, efficient, safe driving with better ergonomics. The extremely gentle up and down gear changes are almost completely stepless, and it's equally smooth changing from forward to reverse.

Optidrive

A completely unique new solution that offers extremely highprecision driving and handling of the lifting equipment. You can inch along at an even speed while lifting at full power. The accelerator controls the speed, and the hoist lever governs engine power – completely independently of each other.

Electronic inching

A totally new development that enables you to precision drive while maintaining high engine revs for the hydraulic functions. Slip control means you can steplessly regulate the speed with the brake pedal while lifting at full power.



Improved Kalmar electronics offer unique possibilities for smart handling.



Intelligent Optirev reduces fuel consumption, emissions and noise levels.

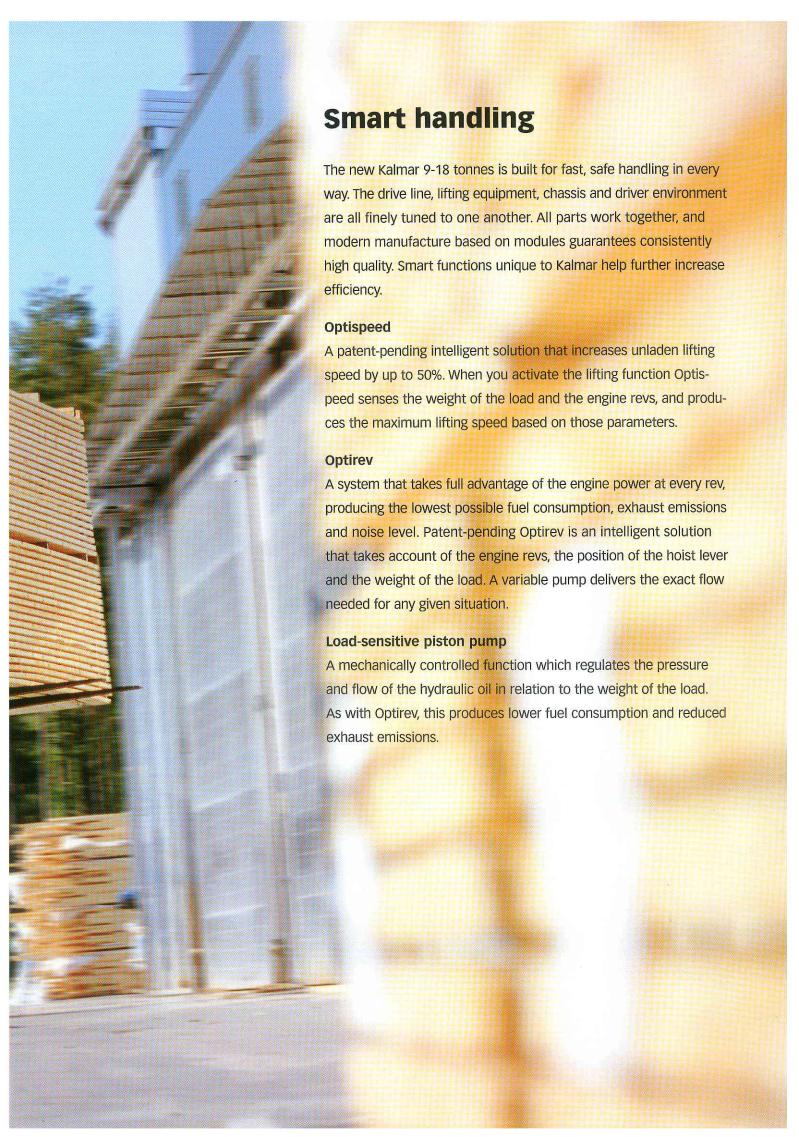


The engines fulfil the latest low-emission requirements.



New ORFS couplings provide safe, completely secure hydraulic connections.





Build your own driver environment!

The demands on driver environment vary and depend on many different factors, such as the type of business, the work area and the individual driver. Now you can build your own completely customised driver environment, based on two different concepts:

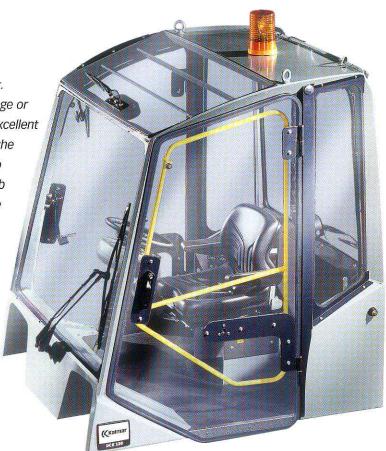
Spirit Delta offers first-class comfort and ergonomics. Simply add the extras that best suit your requirements, from the basic cab design to various accessories for even better ergonomics.

New FlexCab can be adapted from a complete cab to an open safety cage. A simpler robust alternative that easily fulfils requirements on visibility, safety and ergonomics.

FlexCab

New FlexCab is what you make it.

A covered cab, an open safety cage or just a windscreen – but all with excellent all round visibility. The beams in the cage frame have been profiled to eliminate blind spots, and the cab offers excellent close view to the front. FlexCab can be adapted to the local climate – windows and doors are completely optional.





FlexCab has profiled beams for maximum visibility.



The interior is spacious and robust, with excellent close view to the front.



Open safety cage that can be fitted with windows and doors, even after delivery.



The steering wheel is vertically and horizontally adjustable.



The instrument panel has a new design and is curved for optimum ergonomics.



The high-comfort seat has 70% better wear resistance.



The electromics are well protected yet easily accessible.

Spirit Delta

Kalmar has long been a leader in ergonomics and efficient driver environments. Spirit Delta is based on extensive research and offers superior ergonomics with intuitive control over all the truck's functions. Everything is logically positioned and within easy reach. The climate system is effective, and there optional extras. Quite simply, Spirit Delta makes for efficient driving.











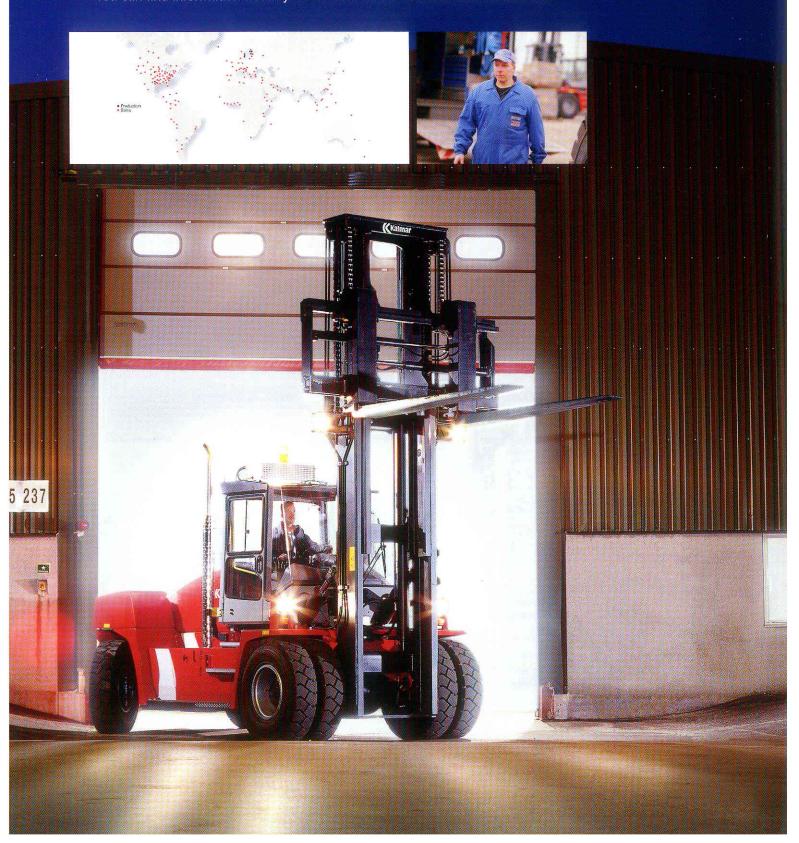
Everything you need

Kalmar has a truly comprehensive programme of services for ownership, rental, servicing and much more. We focus on offering the lowest possible ownership cost thanks to simple working solutions tailored to your requirements.

Kalmar is represented worldwide by an increasing number of well-trained dealers.

The network has expanded dramatically in recent years, especially in Europe and the USA.

You can find information about your nearest dealer at www.kalmarind.com



The new medium range

| Model designation | Load centre (mm) | Wheel base (mm) | Height/Cab (mm) | Lift height, classified load (mm) | Weight (kg) | Tyres (4/2) front/rear |
|----------------------|---------------------|--------------------|--------------------|--------------------------------------|----------------|---------------------------|
| DCE 90-6 | 600 | 2750 | 2890 | 5000 | 15000 | 11.00*20 |
| DCE 100-6 | 600 | 3000 | 2890 | 5000 | 15300 | 11.00*20 |
| DCE 120-6 | 600 | 3000 | 2890 | 5000 | 15800 | 11.00*20 |
| DCE140-6 | 600 | 3250 | 2910 | 5000 | 17000 | 12.00*20 |
| DCE 100-12 | 1200 | 3250 | 2910 | 5000 | 18900 | 12.00*20 |
| DCE 120-12 | 1200 | 3500 | 2910 | 5000 | 19700 | 12.00*20 |
| DCE 150-12 | 1200 | 3500 | 2910 | 5000 | 21600 | 12.00*20 |
| DCE 160-6 | 600 | 3500 | 2910 | 5000 | 19500 | 12.00*20 |
| DCE 160-12 | 1200 | 3750 | 2910 | 5000 | 23000 | 12.00*20 |
| DCE 180-6 | 600 | 3250 | 2910 | 5000 | 22000 | 12.00*20 HD |



Make things easy. These three little words symbolise the Kalmar philosophy.

Making heavy things easier to handle is nothing new for Kalmar. The company has over 100 years of experience in lifting and moving heavy objects with our machines in over 140 countries around the world.

But the three little words "make things easy" also encompass another dimension.

Kalmar is more than just a machine supplier.

Kalmar offers solutions that make life easier for its customers, everything from driver assistance to contract maintenance and fleet management.

