



Expect more.

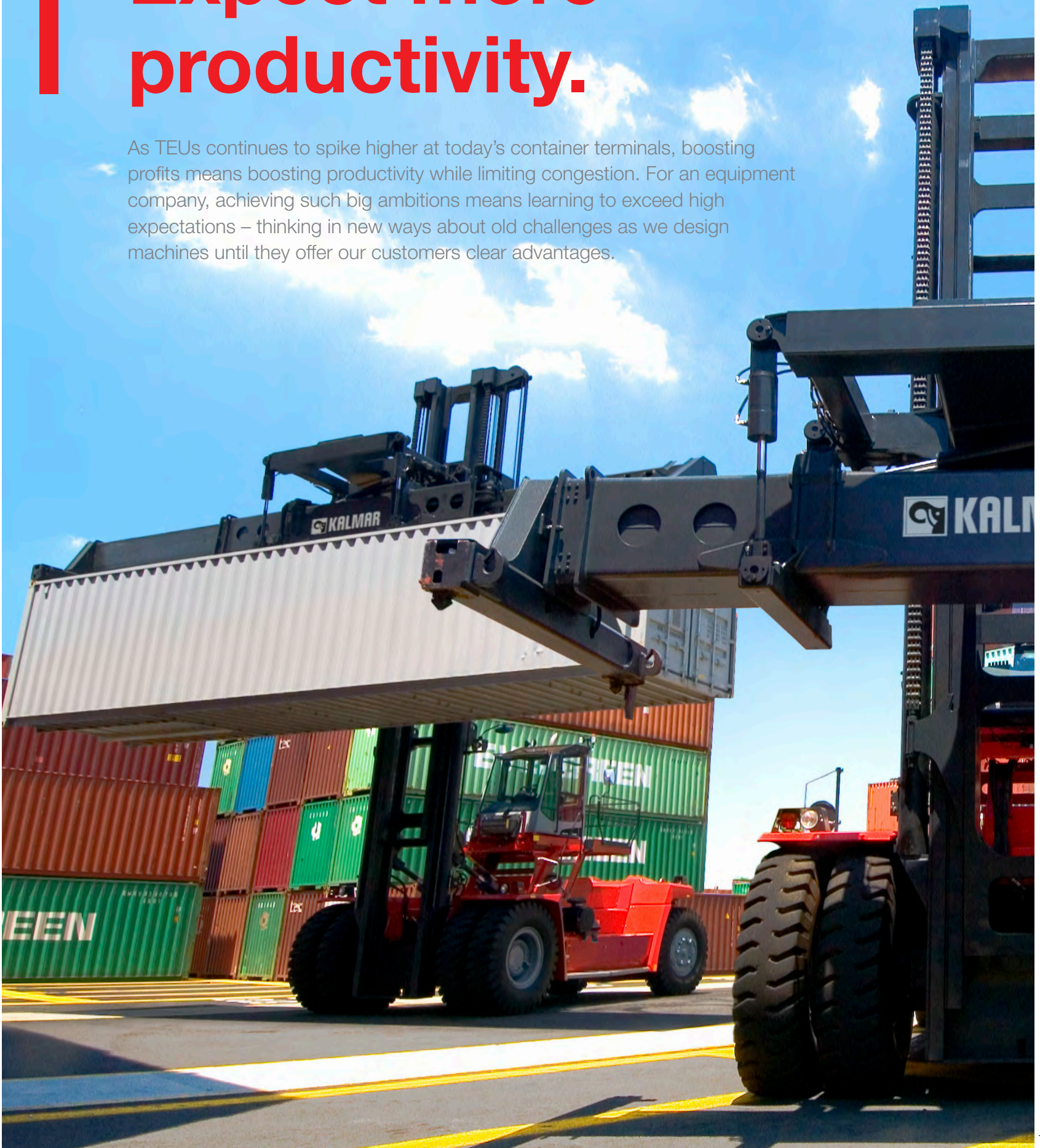
Kalmar DCF410-CSG




KALMAR

Expect more productivity.

As TEUs continues to spike higher at today's container terminals, boosting profits means boosting productivity while limiting congestion. For an equipment company, achieving such big ambitions means learning to exceed high expectations – thinking in new ways about old challenges as we design machines until they offer our customers clear advantages.





Built specifically for the North American market

The Kalmar DCF series offers 90,000 Lbs with full capacity to 5-high stacking. Optional 6-high stacking available.

Up to 50% faster

The Kalmar DCF has fast travel speeds together with lifting speeds that are up to 50% faster than its predecessor, even when fully loaded.

More boxes per hour

A new level in speed, power and capacity, the Kalmar DCF promises higher productivity per cycle – more boxes per hour – a clear advantage.



0706
35

0706

0706
31

2.9m
9'6"

KILMER
KKEH 22410 22
KKEH 1907

K LINE
www.kline.com

Expect more container moves per dollar.

The DCF-Series toplift is designed to be more fuel efficient – lift higher capacity loads and with a chassis engineered to reduce weight. Computer aided design has resulted in a Kalmar DCF that uses its weight efficiently to provide the same steer axle loading while generating higher capacities than our competition.

Best horsepower to weight ratio

The DCF has great horsepower to weight ratio and this results in better fuel economy as well as reduced exhaust emissions.

Rugged components

When properly maintained, the combination of rugged components and lower machine weight translates into extended drivetrain life and less service time. The large 18.00x33 tires should contribute to a lower operating cost per hour.

High capacity fuel tank

A high capacity fuel tank is standard giving extended intervals between fill-ups and saving labor hours.

More container moves per dollar

Fuel cost, tires, drivetrain life and lower maintenance man-hours – the DCF-Series delivers when it comes to the “nuts and bolts” of managing your annual operating budget.



Designed to have great horsepower to weight ratio the Kalmar DCF generates higher capacities with very stable axle loadings.

Expect more uptime.

Unplanned downtime or even unacceptably excessive scheduled downtime – can be a killer to toplift fleet efficiency. Higher machine availability translates into more productivity and higher return on investment.

500 hr service intervals

The DCF series has been designed to minimize downtime – scheduled maintenance now increases to 500 hour intervals.

Maintenance friendly

More maintenance-free components and simpler hydraulics; the maintenance-free steer axle joint and mast lubrication at ground-level are two examples of our design philosophy.

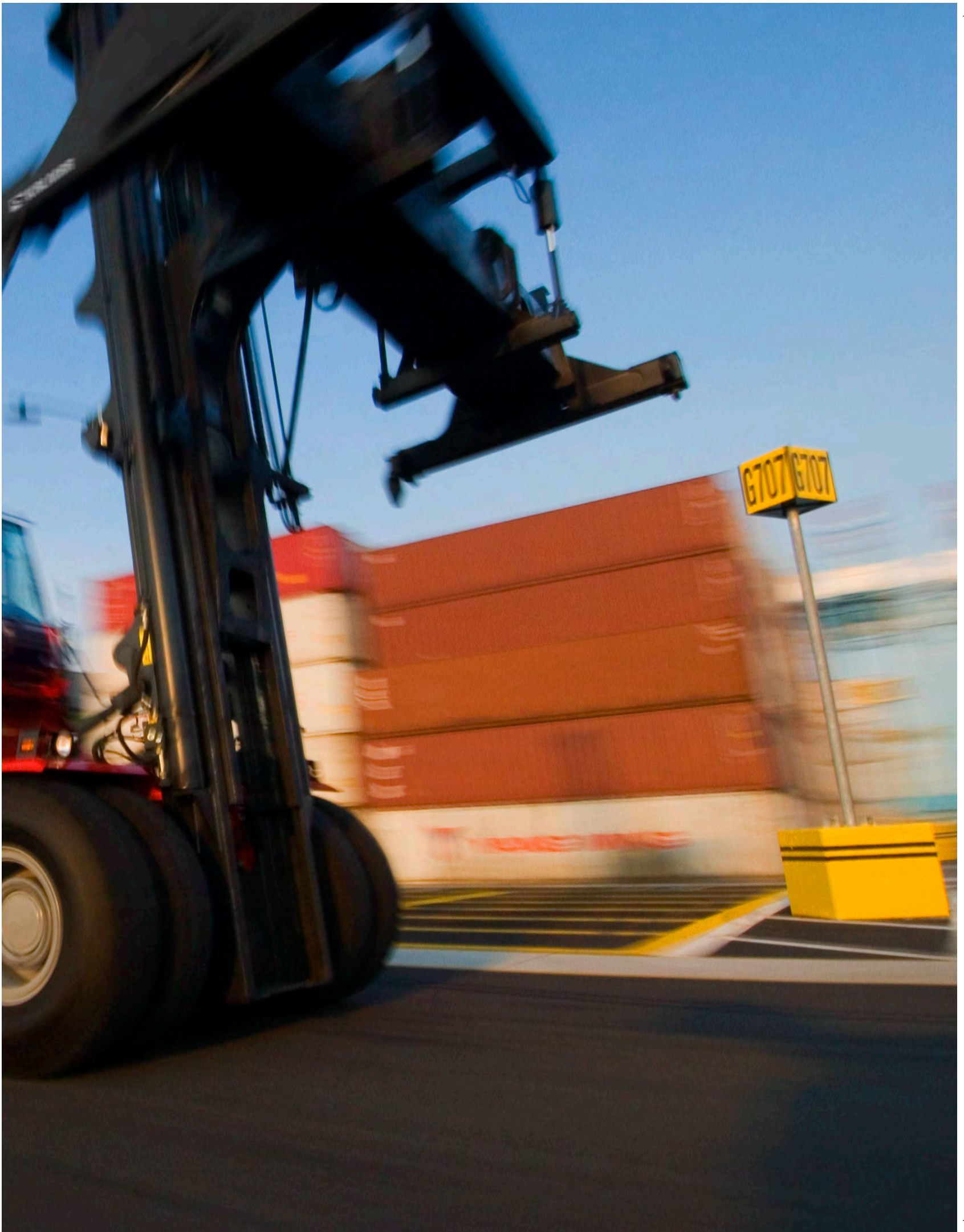
Self-diagnostics

Shorter downtime duration is also one of the clear advantages of these machines. Built in self-diagnostics make it possible to return to service quickly providing greater uptime.

Field proven components

The DCF series, is also based on field-proven components. Its drivetrain, operating system and other components are currently in service on more than 4,000 Kalmar models, providing extremely high reliability.





Expect more driver performance.

Driver performance begins with a driver's ability to see all points from the cab, and Kalmar DCF-Series toplifts have been designed from the beginning so that your drivers can see well. The new DCF has 360 degree visibility from the cab – your drivers will see all four corners – plus the Kalmar sloped rear design further enhances rear visibility.

The Spirit Delta cabin

Provides a quiet, ergonomically efficient design with an easy to use control layout to increase driver performance.

Greater stability

The DCF has a wider steer axle plus a 20" longer wheelbase. The result is a better "seat of the pants feel" for your drivers.

Maximum spreader mobility

The DCF-Series features industry leading sideshift and pile slope, plus slewing. This means a more stable operation and comfortable drivers.

Maintenance friendly

The DCF gives your drivers more stability, visibility and ergonomics. This means smooth operations and increased efficiency.





tex

TKU 00 623473 2
45G1
MAX. WT. 30,480 KG
PAYLOAD 23,160 KG

www.florens.com

FSCU 943508 2
45G1

K'LINE

KKFU 702086 2
45G1

K'LINE

KKFU 72087 2
45G1

K'LINE

KKFU 70412 2
45G1

K'LINE

KKFU 715784 2
45G1

GOLD LOGISTICS

GLDU 000003 2
45G1

K'LINE

KKFU 734845 2
45G1

tex

KKFU 718757 2
45G1

K'LINE

KKFU 737819 2
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KKFU 722108 2
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KKFU 715000 2
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KKFU 726813 2
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KKFU 711964 2
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KKFU 723211 2
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KKFU 715004 2
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KKFU 715000 2
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KKFU 738724 2
45G1

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KKFU 729380 2
45G1

K'LINE

CAUTION 96' HIGH

MAX. GROSS WT. 30,480 KG
TARE 7,100 KG
MAX. CARGO WT. 23,380 KG
CU. CAP. 72.4 CU. M.

CAUTION 96' HIGH CONTAINER

MAX. G.W. 30,480 KG
TARE 7,100 KG
MAX. C.W. 23,380 KG
CU. CAP. 72.4 CU. M.

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TARE 7,100 KG
MAX. C.W. 23,380 KG
CU. CAP. 72.4 CU. M.





Expect strong support.

When you purchase a Kalmar DCF-Series toplift, it comes with the knowledge that the most extensive service and spare part network in the industry supports you.

Fast part replacements

That's a straightforward, simple promise, but with a very clear meaning to you and to us: on the Kalmar DCF-Series toplifts, you're going to get spare parts fast.

Training programs

Support also means training: on-site training at delivery, and optional on-site training at 6 months and 12 months after delivery.

Preventive maintenance kits

We'll make routine maintenance and support simple, through pre-packaged DCF factory maintenance kits for regular service intervals, and through the daily support of our Kalmar dealer network.



Kalmar offers the widest range of cargo handling solutions and services to ports, terminals, distribution centres and to heavy industry. Kalmar is the industry forerunner in terminal automation and in energy efficient container handling, with one in four container movements around the globe being handled by a Kalmar solution. Through its extensive product portfolio, global service network and ability to enable a seamless integration of different terminal processes, Kalmar improves the efficiency of every move. www.kalmarglobal.com

Kalmar is part of Cargotec. Cargotec's sales totalled approximately EUR 3.2 billion in 2013 and it employs approximately 11,000 people. Cargotec's class B shares are quoted on NASDAQ OMX Helsinki under symbol CGCBV. www.cargotec.com

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