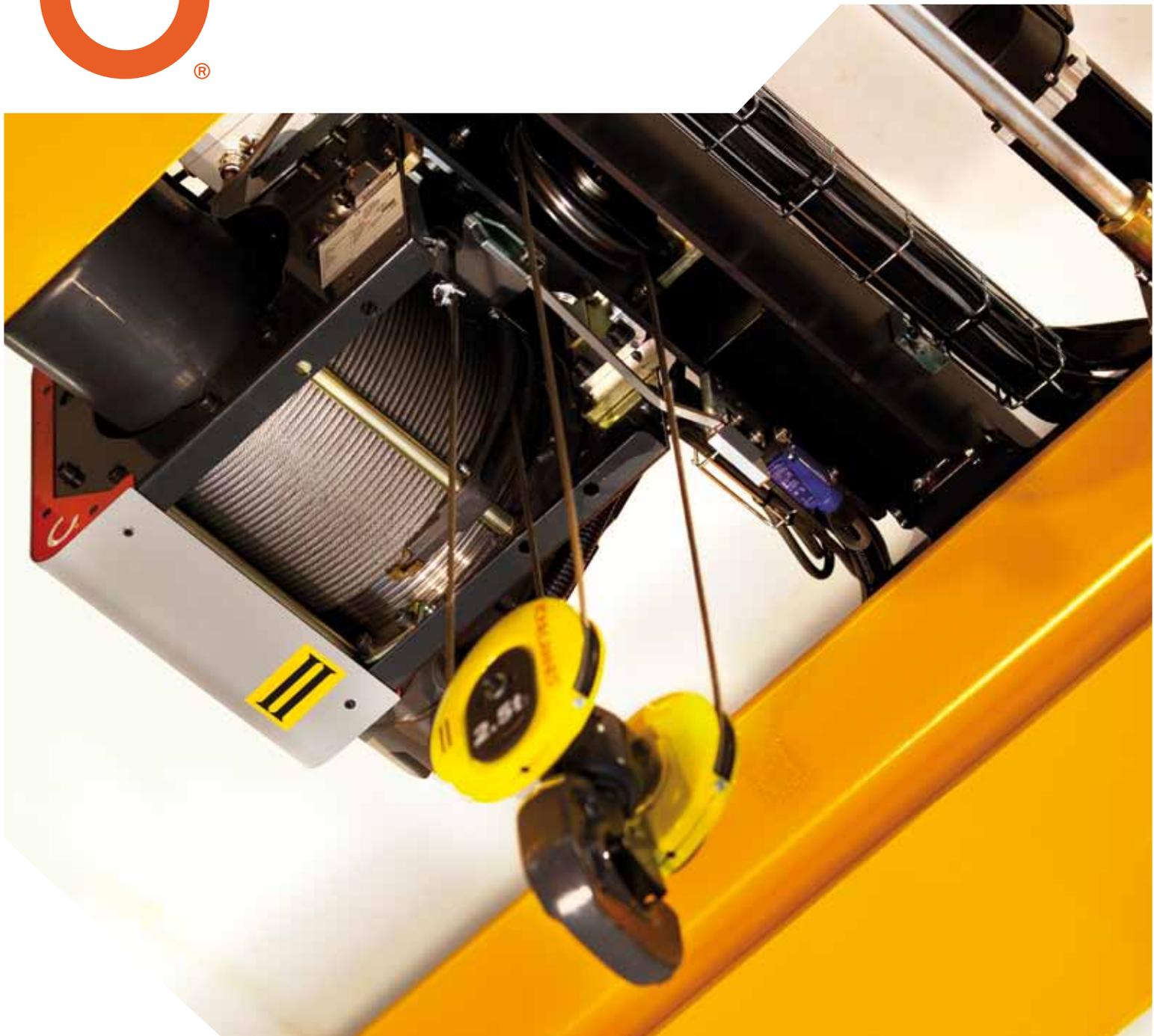


INDUSTRIAL CRANES
NUCLEAR CRANES
PORT CRANES
HEAVY DUTY LIFT TRUCKS
SERVICE
MACHINE TOOL SERVICE

CXT HOIST

KONECRANES[®]
Lifting Businesses[™]

Exceeding your expectations
CXT[®] Electric Wire Rope Hoist



A renewed CXT Electric Wire Rope Hoist

More speed, productivity, and precision

The Konecranes CXT electric wire rope hoist is developed by listening customer's needs in material handling. The hoist can be adapted to almost any application to ensure efficient and reliable operation, regardless of the operating conditions. All CXT hoist types are united by speed and usability, enabling improved productivity.

Safety first

The operator has to be able to rely on safe performance of the crane. High quality components and precise manufacturing based on years of experience enable enhanced durability of the hoist. Advanced features improve hoist safety and operation in varying conditions.

For example, the sway control of the load and the protected area properties work reliably and tirelessly, increasing both safety and productivity. Konecranes' product development has invested in speeding up and extending hoist operation cycles, and in crane safety and durability.



CXT Double Girder Trolley for capacities up to of 80 000 kg.



CXT normal headroom trolley

The CXT normal headroom trolley can handle loads up to 40 000 kg.

New features in hoisting accelerate load lifting.

The new and improved CXT family also features a new industrial design.

CXT's have highly flexible steel wire ropes that are designed to specific rope reeving requirements.

Hook blocks rotate 360 degrees and have a handle recess for easy grip.

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A means to productivity

High technology in a compact size

The compact dimensions allow for a more efficient use of space, which makes the hoist suitable and flexible for use in more confined applications. We manufacture the critical components ourselves, and we use carefully selected suppliers.

NEW!

CXT double girder trolleys have a totally new rope reeving system. The structure has been optimized in terms of payload and maintenance. The redesigned structure is up to 30% lighter.

CXT is worth your expectations. We trust the new CXT!



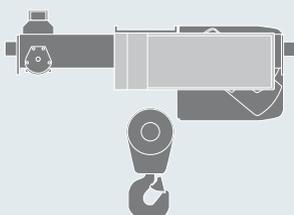
The new rope reeving system extends the lifetime of the ropes by as much as 40%, which has a significant impact on maintenance costs.*

Maintenance has also been made easier by making the relevant components easier to access. The CXT family also has new optimized load beams for better payload.

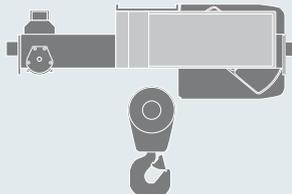
** Extension of lifetime depends on the reeving system. The calculation is based on a mathematical analysis.*

With different trolley configurations, CXT electric wire rope hoists maximize the lifting height and is easily fitted to different kinds of buildings.

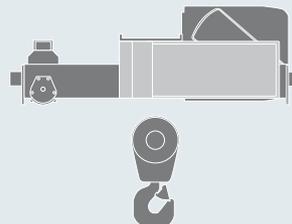
LOW

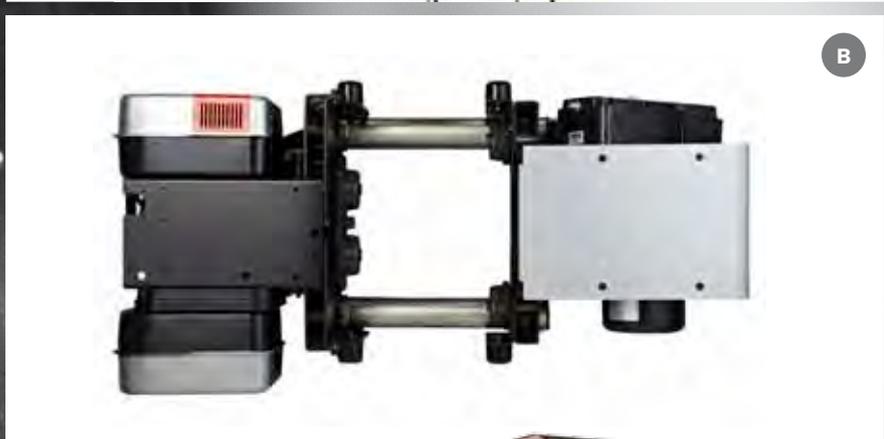


MEDIUM



HIGH





- A** The hoist intelligence is inside these housings.
- B** An adjustable flange width and compact structure help to make the CXT so versatile.
- C** The CXT low headroom trolley for capacities up to 12 500 kg.

Up to 50% higher speed

Variable speed limit

Why should the operator be limited to the same speed of operation in both directions?

The hoisting inverter provides accuracy and controlled slow speed operation when lifting the load and when precision is needed. The empty load hook can be driven with up to 50% higher speeds compared to the loaded hook, allowing the operator to choose the most efficient way to operate the hoist. We offer an opportunity to optimize the efficiency and safety of your crane.

Gentle on structures

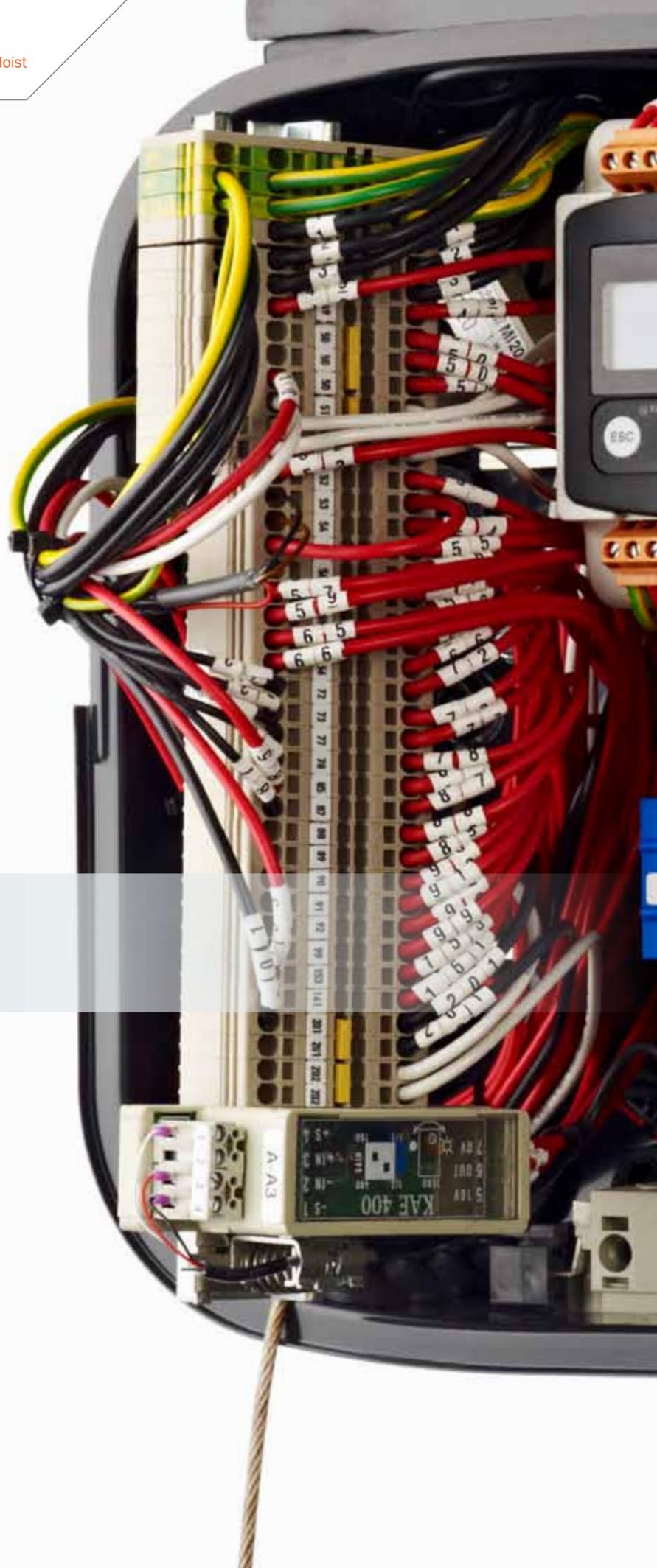
An inverter guarantees soft starts and reduces stress forces affecting the crane and the structures. A longer service life guarantees more inexpensive life span costs.

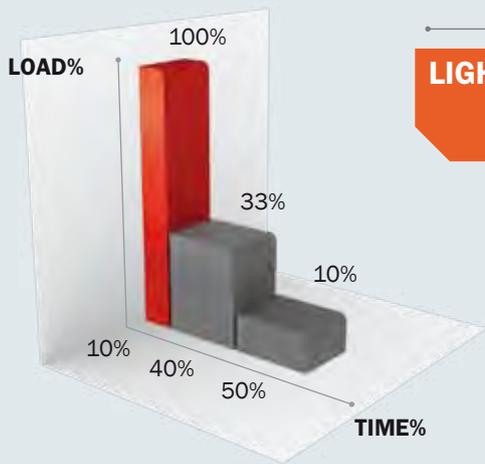
NEW!

CXT ELECTRIC WIRE ROPE HOISTS ARE NOW AVAILABLE WITH NEW FEATURES FOR HOISTING CONTROL, ASR & ESR.

ASR (Adaptive Speed Range) is a stepless hoisting movement control method. It allows very slow speeds, which are important in moment of load lift-off and lowering. It also has the ability to lift up to 50% faster than traditional hoisting control. With ASR you also save in lifecycle costs because this feature allows for component optimization to achieve the same performance.

ESR (Extended Speed Range) is the big sister of ASR. It is stepless hoisting movement control method. ASR has ability to lift/lower with very slow speeds, but ESR can lift/lower even slower. And when your load moving process needs more speed, ESR can speed up lifting motion by as much as 50% compared to traditional control. When more performance is needed out of the hoist, ESR is the choice.





LIGHT

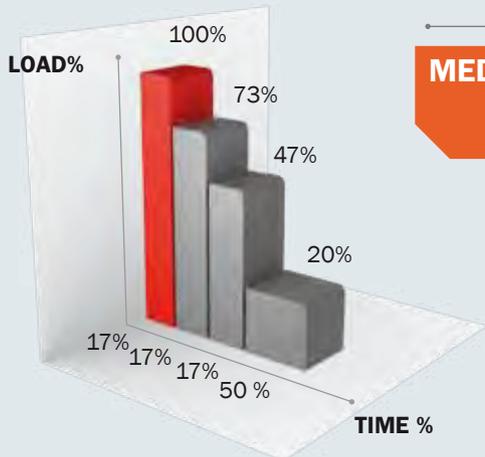
LOAD SPECTRUM L1 | ASR recommended for hoisting

Occasionally maximum loads. Routinely low loads.
Small dead load.

TYPICAL INDUSTRIES

Usually this type of usage occurs in small- to medium-sized assembly workshops or similar. Typically there are many incoming parts/ components but only few end products lifted per day/week/month. Full capacity of the hoist is needed only for lifting the end product.

A CXT equipped with ASR is recommended for this type of application.



MEDIUM

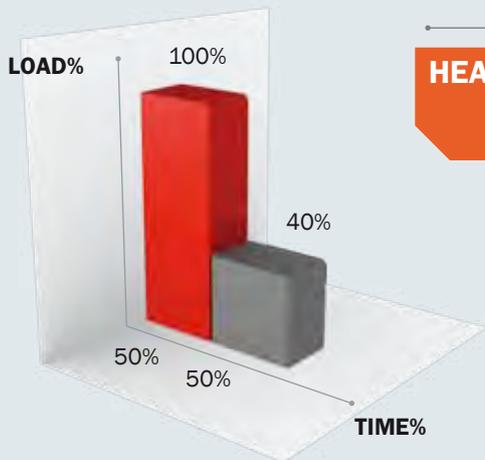
LOAD SPECTRUM L2 | ASR recommended for hoisting

Occasionally maximum loads. Routinely average loads.
Average dead load.

TYPICAL INDUSTRIES

Load handling is little bit heavier than L1, but maximum loads are lifted only occasionally. The characteristics of the workshop factory are similar to those of L1, but the loads lifted during the manufacturing process are heavier.

A CXT equipped with ASR is recommended for this type of application.



HEAVY

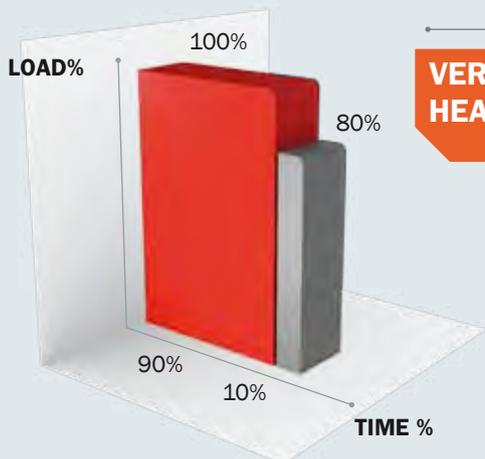
LOAD SPECTRUM L3 | ESR recommended for hoisting

Repetitive maximum loads. Usually average loads.
Heavy dead load.

TYPICAL INDUSTRIES

Half of the working time the hoist is used at its maximum capacity. Examples of typical factories include energy-from-waste plants or steel service centers. This type of use means that there is some kind of lifting tool attached to the hoist hook.

A CXT equipped with ESR is recommended for this type of application.



VERY HEAVY

LOAD SPECTRUM L4 | ESR recommended for hoisting

Usually maximum loads.
Very heavy dead load.

TYPICAL INDUSTRIES

The majority of the working time of the hoist is used at its maximum capacity, which makes the L4 load spectrum even heavier than L3. Examples of typical factories include energy-from-waste plants or steel service centers.

A CXT equipped with ESR is recommended for this type of application.



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HEAVY DUTY
LIFT TRUCKS



SERVICE



MACHINE
TOOL
SERVICE



Konecranes is a world-leading group of Lifting Businesses™ offering lifting equipment and services that improve productivity in a wide variety of industries. The company is listed on NASDAQ OMX Helsinki Ltd (symbol: KCR1V). With over 11,500 employees at more than 600 locations in almost 50 countries we have the resources, technology and determination to deliver on the promise of Lifting Businesses™.

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