

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

ENERGY CHAIN

KONECRANES[®]
Lifting Businesses[™]

Protect your investment **Energy Chain**



Protected power

ENERGY CHAIN

Energy Chain is an easy way to feed the primary power and control cables along the crane bridge. It holds all the cables from the main electrical cubicle to the hoist in a composite chain.

The composite chain moves along a canal that is fastened to the main girder of the crane. There are no visible electrical cables hanging from the crane. Energy Chain thus gives the crane a modern look and -in the case of cranes on several levels- improves the safety of your working environment.

Benefits

Choosing the Energy Chain power supply rather than traditional festoon systems increases your work space under the crane. This translates into more effective usage of workspace height. Konecranes Energy Chain's simplified design eliminates the need for the additional parts associated with common festoon systems.

Energy Chain protects the power and control cables from mechanical wear and reduces the risk of external damage.

Radio control comes standard for cranes equipped with Energy Chain. The cables used in Energy Chain are all CE, UL/CSA approved.

Energy Chain is designed to endure a lifetime of demanding environments.

EFFECTIVE, DURABLE AND KEEPING YOUR MAINTENANCE COSTS LOW. THAT'S ENERGY CHAIN.



CONFIGURATIONS

Konecranes uses three different models of Energy Chain, depending on the configuration of the CXT crane. The correct type and model is selected automatically with the crane configurator to ensure the optimal solution for the customer.

Energy Chain is suitable for the full range of CXT Cranes:

- Loads up to 80 tons
- Up to two hoisting trolleys per crane
- All frame sizes from CXT2 to CXT7
 - Low and normal headroom models
 - Double girder trolleys
- Applicable for profile- and box-type main girders

Energy Chain is ideal for the following challenging environments:

- Crane spans up to 30 m (98 ft)
- Hoisting trolley maximum traversing speed 32 m/min (105 ft/min)
- Indoor or outdoor, under-roof crane
- Temperature ranges of 0 °C - 55 °C (32 °F - 131 °F)

For more information and solutions, please visit www.konecranes.com or contact your nearest Konecranes Sales Office.



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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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