

**INDUSTRIAL CRANES**

NUCLEAR CRANES

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HEAVY-DUTY LIFT TRUCKS

SERVICE

MACHINE TOOL SERVICE

**WORKSTATION LIFTING SYSTEMS**

**KONECRANES<sup>®</sup>**  
Lifting Businesses<sup>™</sup>

**CLX Chain Hoist**  
**INNOVATIVE LOAD HANDLING**



# REINVENT YOUR PROCESS

**Konecranes' CLX Chain Hoist is a reliable lifting device that increases performance and adds customer value through innovative technology, extended lifetime, and increased safety.**

## **Designed with our customer in mind**

CLX Chain Hoist is designed to meet and exceed industrial requirements and to provide a reliable solution for various processes in many different industries. The CLX electric chain hoist is ideal for general manufacturing environments, where it can be utilized for high-speed load transfers and precise assembly work, as well as for other applications that have varying requirements.

## **Performance you can count on**

CLX Chain Hoist is an efficient lifting device for handling loads from 60 kg to 2,500 kg (capacity up to 5,000 kg available later). Konecranes has built on decades of experience with proven technologies to introduce this robust and durable unit to the market. CLX also has a high duty factor as well as a broad range of lifting speeds and speed ratios to meet every customer's needs. The FEM 2m classification, compact headroom and a high level of operating safety result in outstanding performance. The robust hoist frame and the FEM classification also enable a longer lifetime for the hoist.

## **A versatile workstation**

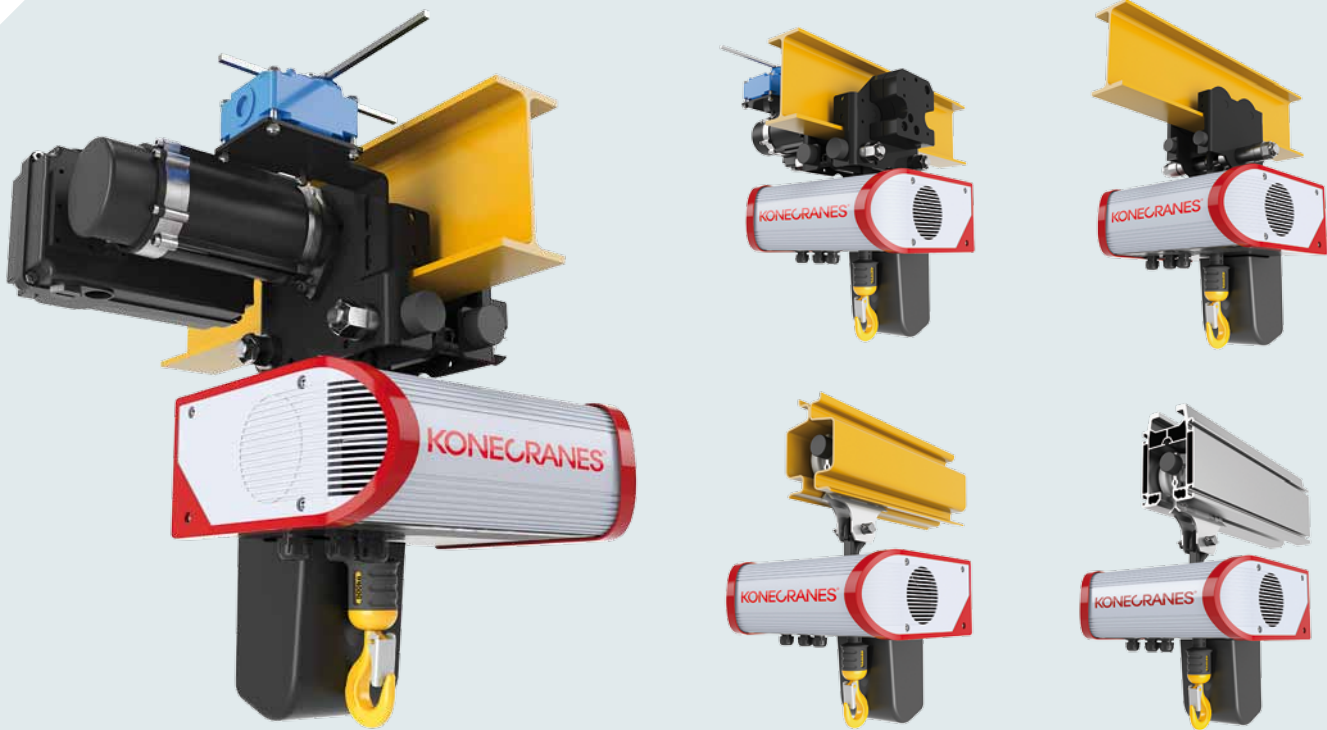
With dual lifting speeds, a standard limit switch and versatile configurations, like hook suspension, push trolley, and motorized trolley versions, the CLX Chain Hoist can be used for a wide range of applications, such as workstation cranes, overhead cranes, jib cranes and a variety of fixed configurations.



- **Enhanced lifetime**
- **Reliable performance with easy operation**
- **Increased protection of the plant personnel and equipment**



# NEW DESIGN



## CLX range

Load (kg)	DUTY		Lifting speed	Falls	Hoist type	Motor rpm	Motor power (kW)	Chain dimension
	Fem	ISO						
63	3m	M6	10 / 2.5	1	CLX02 10 1 006 6	3000 / 750	0.45	4 x 11
	3m	M6	20 / 5	1	CLX02 20 1 006 6	3000 / 750	0.45	4 x 11
125	3m	M6	8 / 2	1	CLX02 08 1 012 6	3000 / 750	0.45	4 x 11
	2m	M5	16 / 4	1	CLX02 16 1 012 5	3000 / 750	0.45	4 x 11
160	3m	M6	8 / 2	1	CLX02 08 1 016 6	3000 / 750	0.45	4 x 11
	1Am	M4	16 / 4	1	CLX02 16 1 016 4	3000 / 750	0.45	4 x 11
250	2m	M5	8 / 2	1	CLX02 08 1 025 5	3000 / 750	0.45	4 x 11
	2m	M5	16 / 2.6	1	CLX05 16 1 025 5	3000 / 500	0.45	4 x 11
320	1Am	M4	8 / 2	1	CLX02 08 1 032 4	3000 / 750	0.45	4 X 11
	1AM	M4	16 / 2.6	1	CLX05 16 1 032 4	3000 / 500	0.9	4 X 11
	2M	M5	4 / 1.3	1	CLX05 04 1 050 5	1500 / 500	0.9	4 X 11
500	2M	M5	8 / 1.3	1	CLX05 08 1 050 5	3000 / 500	0.9	5 x 14
	2M	M5	16 / 2.6	1	CLX10 16 1 050 5	3000 / 500	1.8	5 x 14
	1AM	M4	4 / 1.3	1	CLX05 04 1 063 4	1500 / 500	0.9	5 x 14
630	1AM	M4	8 / 1.3	1	CLX05 08 1 063 4	3000 / 500	0.9	5 x 14
	1AM	M4	16 / 2.6	1	CLX10 16 1 063 4	3000 / 500	1.8	5 x 14
1000	2M	M5	4 / 1.3	1	CLX10 04 1 100 5	1500 / 500	1.8	7 x 20
	2M	M5	8 / 1.3	1	CLX10 08 1 100 5	3000 / 500	1.8	7 x 20
1250	1AM	M4	4 / 1.3	1	CLX10 04 1 125 4	1500 / 500	1.8	7 x 20
	1AM	M4	8 / 1.3	1	CLX10 08 1 125 4	3000 / 500	1.8	7 x 20
1600	2M	M5	4 / 0.7	2	CLX10 04 2 160 5	3000 / 500	1.8	7 x 20
2000	2M	M5	4 / 0.7	2	CLX10 04 2 200 5	3000 / 500	1.8	7 x 20
2500	1AM	M4	4 / 0.7	2	CLX10 04 2 250 4	3000 / 500	1.8	7 x 20

Load capacity up to 5,000 kg, available later



## TECHNICAL FEATURES

- Most models with single fall chain
- The new 6:1 speed ratio in the 500 kg and 1,000 kg models enables a high main speed and a slow second speed
- Innovative 5 pocket chain sprocket with 5 intermediate teeth
- Less wear on chain
- Limit switches for hoisting as standard
- New clutch concept with increased safety

## PERFORMANCE

- Better performance
- Long lifetime – most models 1600 h with full load
- Suitable for an extended temperature range -20...+50°C
- High ED % – long continuous duty



## DESIGN AND MATERIALS

- Impressive design
- Durable construction
- Robust materials
- Hoist body without any plastic
- Electrical components protected inside the hoist covers
- Quiet
- Good protection against corrosion



# BENEFITING YOUR BOTTOM LINE

## Longer lifetime and customization for cost efficiency

- Compact size providing exceptional headroom and lifting height
- Robust design results in significantly longer lifetime compared to standard 1 Am-rated chain hoists
- Wide capacity range of 60–2,500 kg and different levels of customization for just the right solution

## Reliable performance with easy operation

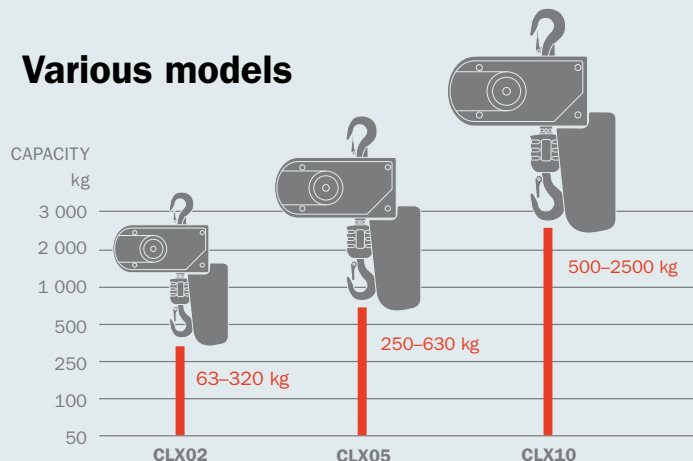
- Reliable, classic contactor control and 3-phase power supply
- Lifetime brake
- Gentle operation with standard dual-speed motors
- Stepless speed control for traveling motion (with motorized trolley) always with variable frequency driver
- Easy installation, plug connections
- Compact built-in control panel for easy access and service
- Easy clutch and brake aircap adjustment
- Ergonomic hook for easy grip

## Protection for the operator and equipment

- Safety enhancing features as standard
- Increased safety with embedded electrical upper and lower limit switches
- Possible breakage of the clutch does not cause the load to drop (brake and clutch on the same shaft)
- Robust control pendant and cable
- IP55 protection
- Mechanical friction torque limiter protects against overloading, with combined brake for additional safety
- Thermal motor protection
- New clutch concept: Even the clutch breaks, the load won't drop. No micro-slip possible.



## Various models



### C dimension

CLX02	CLX05	CLX10
372 mm	420 mm	542 mm





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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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