



ERIKKILA

LIGHT CRANES

LIFTING EXCELLENCE THROUGH INNOVATION AND QUALITY

ERIKKILA LIGHT CRANE SOLUTIONS STAND FOR QUALITY, INNOVATION AND SAFETY

Erikkila is a Finnish expert in light-lifting solutions with over 50 years of experience designing and manufacturing safe, efficient lifting systems. Manufactured in Masala, Finland, our light crane systems, jib cranes, and Movable Workstation Cranes are known for their quality, reliability, and long service life. As part of the global CMCO group, we combine Finnish engineering expertise with international innovation to deliver safe and efficient lifting solutions supported by a worldwide service network.





Column Jib Crane
(overbraced steel)

ERIKKILA PRODUCTS

Movable Workstation Cranes provide a flexible lifting solution for temporary lifting needs and changing work environments.

Bridge cranes and hoist tracks enable precise, smooth, and ergonomic load handling across large work areas.

Jib cranes offer a versatile and durable lifting solution for production, assembly, and maintenance applications.



Double Girder Crane
(steel bridge & track)



Movable Workstation Crane
(one bridge)

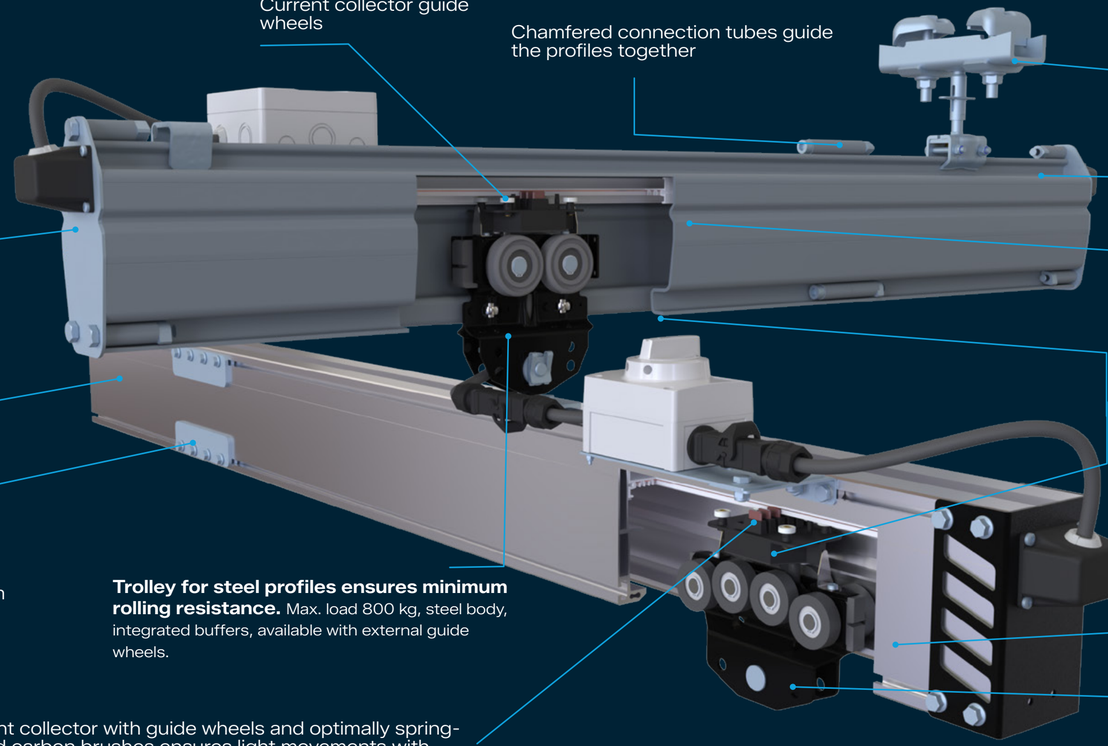
MODULAR LIGHT CRANE SOLUTIONS

WHY CHOOSE ERIKKILA LIGHT CRANES?

- → Modular and scalable for changing production needs
- → Ceiling-mounted or freestanding configurations
- → Ergonomic operation with low rolling resistance
- → Lightweight yet durable steel construction
- → Quick and precise installation
- → Single and double girder options up to 2000 kg
- → Low headroom solutions for space-restricted facilities



ENGINEERED FOR DEMANDING APPLICATIONS



Current collector guide wheels

Chamfered connection tubes guide the profiles together

Wide range of standard suspensions for every ceiling type

Optimised steel profiles with world-class weight-carrying capacity ratio.

Strong steel end plate with openings for internal conductor rail and flat cable power supply

Current collector for internal conductor rail above trolley maximises working area

The profile protects the internal conductor rail and current collector from dirt.

Optimised range of aluminium profiles that can take up to 500 kg upward forces with a standard trolley

Strong (two types) aluminium profile joints that secure the profiles together

Trolley for steel profiles ensures minimum rolling resistance. Max. load 800 kg, steel body, integrated buffers, available with external guide wheels.

Current collector with guide wheels and optimally spring-loaded carbon brushes ensures light movements with minimum wear.

Trolley for aluminium profiles ensures light movements. Max. load 600 kg, steel body, integrated buffers, takes upward forces.

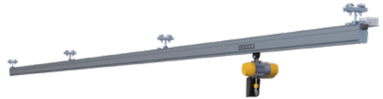


HOIST TRACKS

FOR FLEXIBLE MATERIAL HANDLING

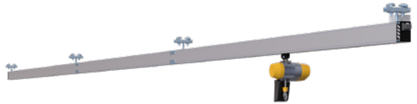
Hoist tracks provide efficient and adaptable load handling for production lines and workstations. Available in steel and aluminum, they can be configured with curves, turntables, and track switches to suit a wide range of layouts.

Manual or motorized trolley movement can be combined with an electric chain hoist for efficient lifting. Curved steel tracks enable customized, space-efficient handling solutions with capacities up to 1,250 kg



Single Track
(steel)

Standard range*:
Rated capacity... 50 – 1500 kg
Hoisting..... 5 m



Single Track
(aluminium)

Standard range*:
Rated capacity... 50 – 1000 kg
Hoisting..... 5 m



Curved Track
(steel)

Standard range*:
Rated capacity..... 50 – 1250 kg
Radius..... 1500 mm
Hoisting.....5 m
Curves..... 15°, 30°, 45° (other available)

*Other options available as tailored solutions.

STANDARD LIGHT CRANES

VERSATILE AND ERGONOMIC LIGHT CRANES
Single- and double-girder light cranes provide smooth, precise, and ergonomic load handling across large work areas. The trolley automatically centers the load, reducing sway and improving safety.

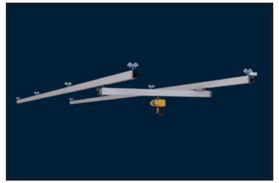
Available as ceiling-mounted or freestanding systems, they can be adapted to a wide range of building structures and applications. Modular design, easy installation, and flexible configuration options make Erikkila light cranes a reliable solution for diverse lifting requirements.

Single girder crane
(steel bridge and track)



Standard range*:
Rated capacity... 50 – 1500 kg
Span..... 2 – 8 m
Hoisting..... 5 m

Single girder crane
(aluminium bridge and track)



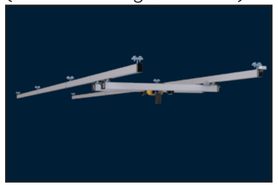
Standard range*:
Rated capacity... 50 – 1000 kg
Span..... 2 – 7,8 m
Hoisting..... 5 m

Double girder crane
(steel bridge and track)



Standard range*:
Rated capacity... 125 – 2000 kg
Span..... 2 – 8 m
Hoisting..... 5 m

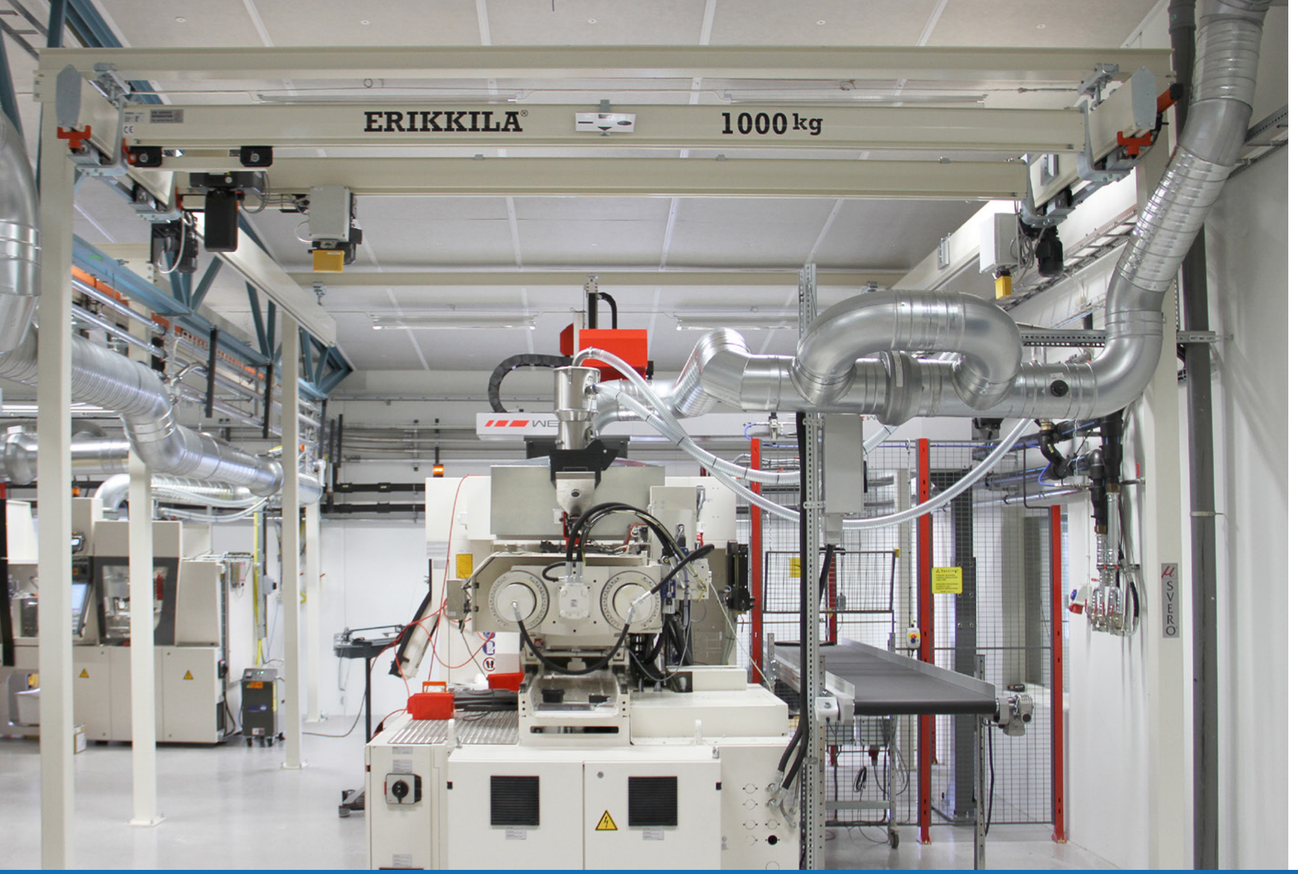
Double girder crane
(aluminium bridge and track)



Standard range*:
Rated capacity... 125 – 1000 kg
Span..... 2 – 7,8 m
Hoisting..... 5 m

*Other options available as tailored solutions.





LOW-HEADROOM LIGHT CRANES

EFFICIENT USE OF VERTICAL SPACE

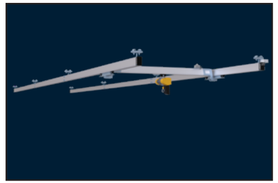
Designed for facilities with restricted headroom, Erikkila low-headroom light cranes make the most of the available vertical space. The elevated bridge profile, positioned between the hoist tracks, enables a greater lifting height compared to standard crane designs. Available in both single- and double-girder configurations, they provide an efficient and ergonomic lifting solution for compact production and assembly environments.

Single girder crane
(steel bridge and track)



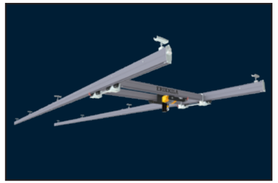
Standard range*:
Rated capacity... 50 – 1500 kg
Span..... 1 – 8 m
Hoisting..... 5 m

Single girder crane
(aluminium bridge and track)



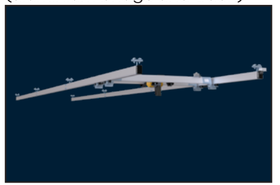
Standard range*:
Rated capacity... 50 – 1000 kg
Span..... 1 – 8 m
Hoisting..... 5 m

Double girder crane
(steel bridge and track)



Standard range*:
Rated capacity... 125 – 2000 kg
Span..... 1 – 8 m
Hoisting..... 5 m

Double girder crane
(aluminium bridge and track)



Standard range*:
Rated capacity... 125 – 1000 kg
Span..... 1 – 8 m
Hoisting..... 5 m

*Other options available as tailored solutions.

PROFILES

STEEL PROFILES – BUILT FOR STRENGTH, PRECISION AND DEMANDING APPLICATIONS

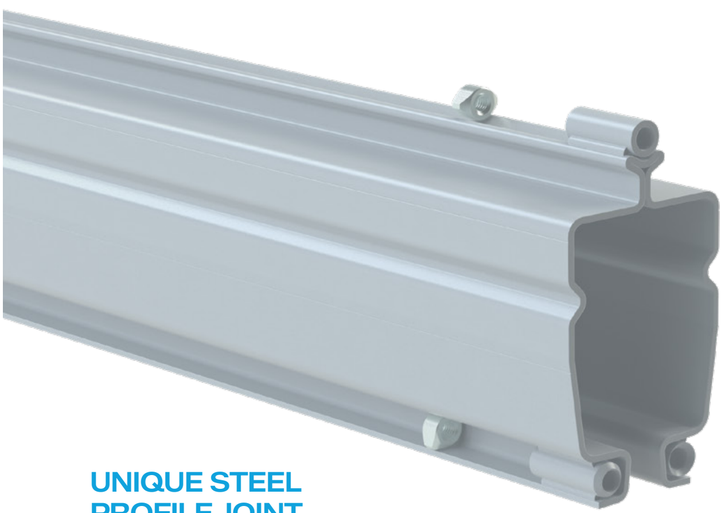
Available in three sizes (S140, S200 and S260), Erikkila steel profiles are manufactured from high-strength steel for demanding lifting applications and heavy suspension loads.

Precision-rolled from a single steel sheet, the profiles provide outstanding strength, durability, and consistent performance.

Their excellent strength-to-weight ratio makes them a reliable solution for heavy-duty applications. The S200 and S260 profiles are also available with an Internal Conductor Rail (ICR), providing a clean and efficient power supply for cranes and hoists.

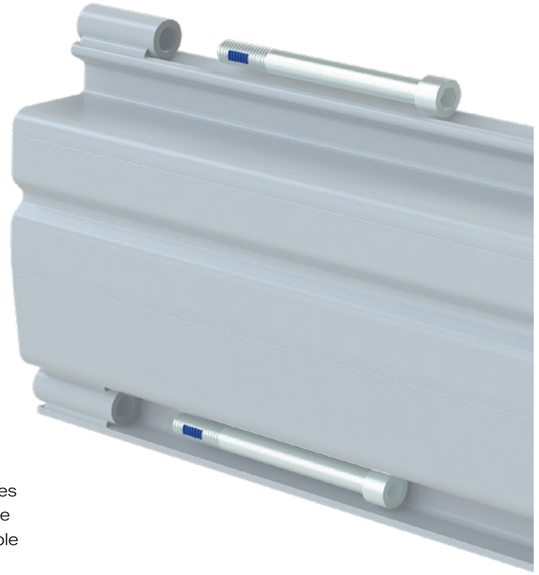


PROFILE	S140	S200	S200 ICR	S260	S260 ICR
PROFILE HEIGHT (mm)	140	194	194	254	254
PROFILE WIDTH (mm)	100	108	108	108	108
WEIGHT (kg/m)	12,8	18,1	19,0	22,0	22,9
INTERNAL CONDUCTOR RAIL	No	No	Yes	No	Yes



UNIQUE STEEL PROFILE JOINT

Chamfered connection tubes ensure precise alignment and quick installation without measurements or special tools. Anti-rotation nuts simplify assembly, while the accurately aligned joint provides smooth trolley travel, long-term durability, and reliable performance.



BUILT IN SAFETY WITH OVERLOAD INDICATOR

The profile overload indicator provides a clear visual warning when the crane system is overloaded. Leaving a visible mark on the profile helps improve safety and makes overload events easy to identify.

TROLLEYS

SMOOTH AND SILENT TROLLEY SOLUTIONS FOR STEEL PROFILES

Erikkila trolleys are designed for quiet operation, low rolling resistance, and smooth movement across both aluminum and steel profile systems. Integrated rubber buffers and a low construction height help maximize the available lifting range and support internal conductor rail (ICR) systems in compatible profiles.

For steel profiles, a single-trolley design is used across all profile sizes, with capacities up to 800 kg and combined trolley capacities of up to 2000 kg. Side rollers ensure smooth, stable, and precisely guided movement.

The trolley type is selected based on crane configuration, capacity, and application requirements.



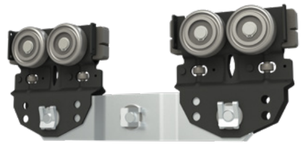
S-trolley (standard)



S-trolley (EGW)



S-trolley (SW)



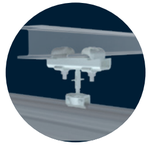
S-bogie

SUSPENSIONS

Erikkila light crane systems offer a wide range of suspension options to suit different ceiling structures, support beams, columns, and profile types. The modular design makes it easy to create the optimal solution for each application.

The articulated suspension design allows movement in all directions, ensuring smooth, ergonomic, and lightweight crane operation.

A



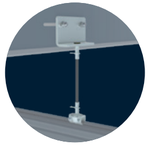
I-BEAM SUSPENSION

B



FLAT CEILING SUSPENSION (BOLT-THROUGH)

C



SIDE SUSPENSION

D



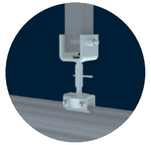
SHAPED CONCRETE BEAM SUSPENSION

E



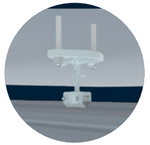
SIDE SUSPENSION FOR GLULAM BEAM

F



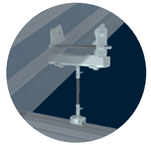
U-SUSPENSION FOR RHS PROFILE

G



FLAT CEILING SUSPENSION (ANCHORING)

H



INCLINED I-BEAM SUSPENSION

R



FIXED I-BEAM SUSPENSION

S



WALL CONSOLE SUSPENSION

AD



ARTICULATED DOUBLE SUSPENSION FOR I-BEAM

T



COLLAR SUSPENSION FOR CEILING BEAM





FREESTANDING LIGHT CRANE SYSTEM

A freestanding support frame provides a flexible lifting solution for facilities where the building structure cannot support crane loads. Independent of the building, it allows quick installation, easy adaptation to changing layouts, and integration with existing equipment without structural modifications.

Designed for smooth and precise load handling, the system helps optimize workspace utilization and improve productivity.



Standard sizes (maximum):

Rated capacity: 2000 kg
Crane span: 10 m
Height: up to 6 m
Length: from 4 m

Other options available as tailored solutions

POWER

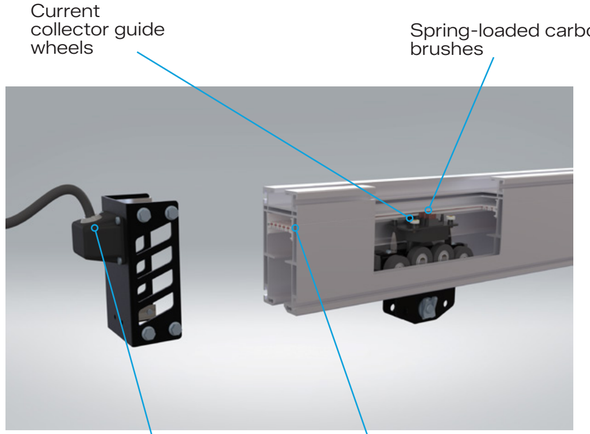
INTERNAL CONDUCTOR RAIL FOR SMOOTH AND EFFICIENT OPERATION

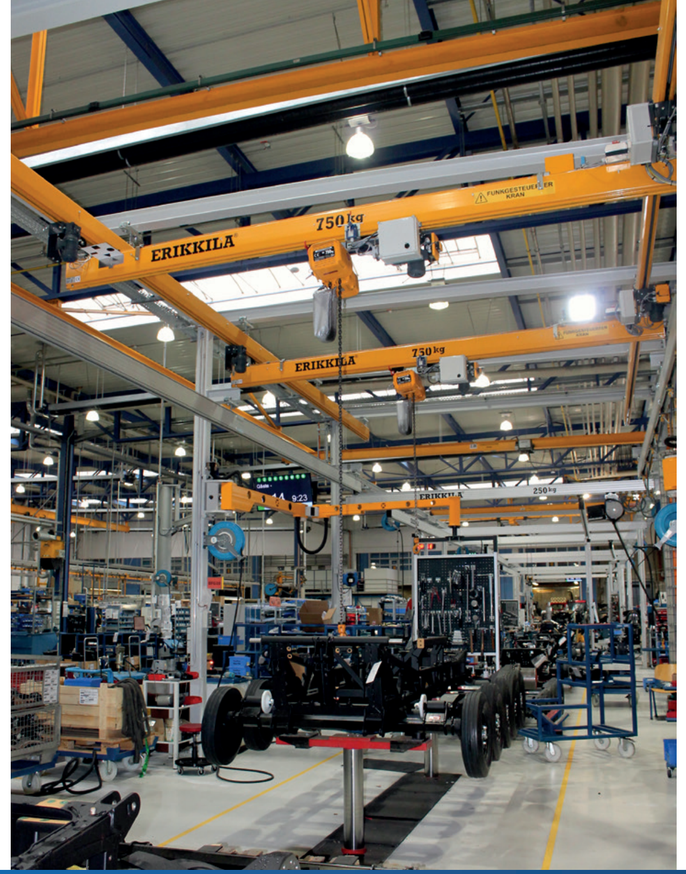
Selected aluminum and steel profiles can be equipped with an internal conductor rail (ICR), providing a protected power supply inside the profile. This eliminates hanging cables, maximizes crane coverage, and enables smooth trolley and bridge movement. The internal conductor rail can also be used in curved profile systems.

The low-profile trolley design allows the current collector to be positioned above the trolley, ensuring unrestricted travel throughout the crane system.





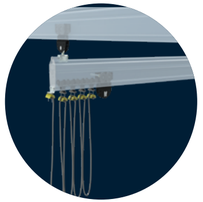




FLAT OR ROUND CABLE POWER SUPPLY

All Erikkila light cranes can be equipped with a flat or round cable power supply. The system supports smooth trolley and bridge movement while providing reliable power throughout the crane's working area. Flat cable systems can also be used in curved steel profiles.

The cable trolley arrangement keeps cables organized and outside the working area, ensuring safe and uninterrupted operation.



ELECTRICAL MOVEMENTS FOR TROLLEY AND BRIDGE

Electrical trolley and bridge travel improve productivity and ease of operation, particularly in larger crane systems. The movements are controlled via radio remote control and equipped with limit switches for safe and reliable operation.

Electrical trolleys can also be fitted with a lowerable friction wheel, allowing manual movement during a power outage or for precise final positioning.



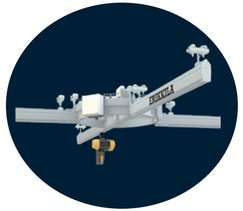
TAILORING AND INNOVATION

Erikkila's modular light crane systems can be tailored to meet a wide range of lifting and material handling requirements. Innovative components and customisable configurations provide greater flexibility, efficiency, and productivity.



TRACK SWITCH AND CURVE

Track switches and curves enable smooth movement between hoist tracks, allowing loads to be transferred easily throughout the crane system. Available for S200 steel profiles, they can be operated manually or electrically.



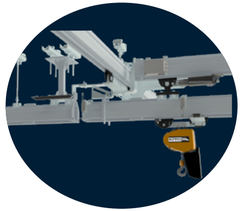
TURNTABLE

The turntable enables the connection and redirection of multiple hoist tracks from a central point, providing flexible load handling in complex layouts. Available for S200 steel profiles, it supports both manual and electric operation.



TELESCOPIC CRANE

Designed for workstations with limited space or special handling requirements, the telescopic crane allows loads to be lifted and moved beyond the standard crane coverage area. Operation can be manual or electric.



TRACK LOCK

The track lock enables safe and efficient load transfer between bridge cranes and hoist tracks, or between two bridge cranes. It ensures a smooth trolley handover and increased flexibility in multi-crane systems.

SUSTAINABILITY

One of our top priorities is to, together with our customers and partners, make lifting and material flow more sustainable. We are constantly working to minimise the waste of resources, energy, and time, both in our factory and in our products.

Our expertise and innovative solutions are the keys to a sustainable business, and we emphasise quality, safety, and sustainability in everything we do.

REFERENCE: EHRLE

Ehrle is a leading provider of vehicle washing and cleaning technology. To support efficient assembly operations, the company selected Erikkila's aluminum light crane system. Alongside excellent crane performance, the system's flexibility was a key reason for equipping the entire plant with Erikkila light cranes.

"ASSEMBLING ERIKKILA CRANES IS AS EASY AS BUILDING WITH LEGO,"

says delighted EHRLE's Project manager **Sebastian Michaelis**.





REFERENCE: KÄSSBOHRER

Kässbohrer, manufacturer of PistenBully vehicles for ski slopes and cross-country trails, wanted to transition from mass production to a more flexible, order-based production model. This required efficient and optimized assembly processes.

"WITHIN JUST A SHORT PERIOD, ALL THE PROCESSES OF THE NEW PRODUCTION LINE LITERALLY WENT LIKE CLOCKWORK,"

Kässbohrer's Production planner **Philipp Heinen** says.

REFERENCE: MEYER TURKU

MEYER TURKU OY, one of the world's leading cruise ship builders, wanted to bring T-beam production in-house. After comparing several light crane solutions, the company selected Erikkila based on delivery performance, quality, and a solution tailored to its production requirements.

"THE SCHEDULE FOR THE PROJECT WAS VERY DEMANDING. ERIKKILA MET OUR CHALLENGE WITH A GOOD DELIVERY TIME AND A TECHNICAL SOLUTION THAT SUITED OUR LINE,"

says **Henrik Mantere**, Director of Hull Production.



ERIKKILA OY
Masalantie 225
02430 Masala, Finland
Tel. +358 9 2219 050
sales.erikkila@kitocrosby.com

www.erikkila.com

About CMCO

CMCO is a global leader in intelligent motion solutions designed to advance performance and productivity, helping customers move the world forward with confidence. Guided by its mission to deliver innovative solutions with unmatched safety, quality and reliability, CMCO enables efficient lifting, positioning, securing and movement of materials across a wide range of end markets. Its portfolio spans five key platforms: lifting hardware consumables, hoists and cranes, precision conveyance, automation and linear motion. Driven by a vision for a safer, more productive tomorrow, CMCO partners with customers to solve some of their most complex intralogistics challenges and keep industry in motion.

Comprehensive information is available at cmco.com.

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