




LIFTING
EXPERTISE



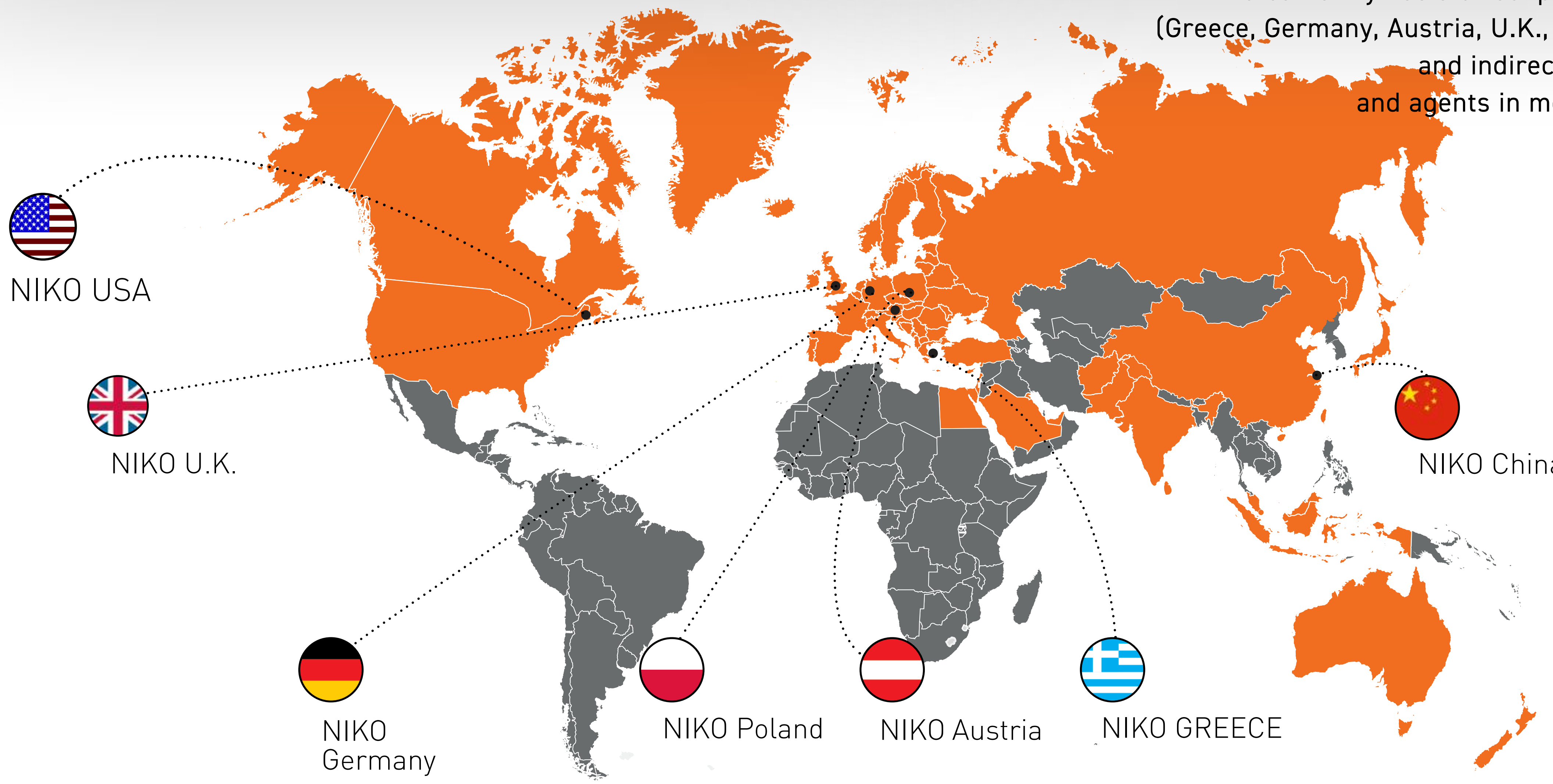
NIKO Crane Systems S.A was established in 2020 and is the brand new subsidiary of **NIKO Group** with focus on Lifting business for loads up to 2.000kg. NIKO is a manufacturer of high quality conveyors systems and sliding door fittings with 47 years of experience in the global market. The company was formed to provide complete crane solutions for the handling needs of various industries by taking advantage of the engineering expertise of parent company.

From fully customized to standardized crane systems, we ensure high level of ergonomics & efficiency with the rigid NIKO track profile. A 7.000sq.m manufacturing facility is available for manufacturing systems quickly and to stock a large quantity of products. Our quality and technical department guarantee that we offer high quality & reliable lifting systems to exceed customers expectations.

NIKO
CRANE SYSTEMS

NIKO Crane Systems is part of NIKO Group with a growing dealer network.

NIKO currently has a direct presence at 7 locations (Greece, Germany, Austria, U.K., USA, Poland & China) and indirect through distributors and agents in more than 65 countries.

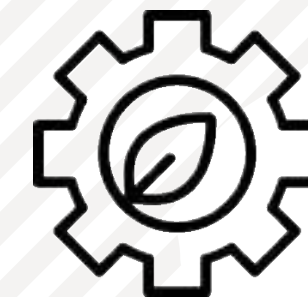


our
VISION

—
excellence
THROUGH
CONTINUOUS
PROGRESS.



Our vision is to develop long lasting and mutually beneficial relationships with our customers, suppliers and employees. We strive to offer quality products and services that match and often exceed our customer expectations.



We aim to grow our company sustainably with a focus on our people, the environment, innovation and society throughout our business model, strategy and operations.

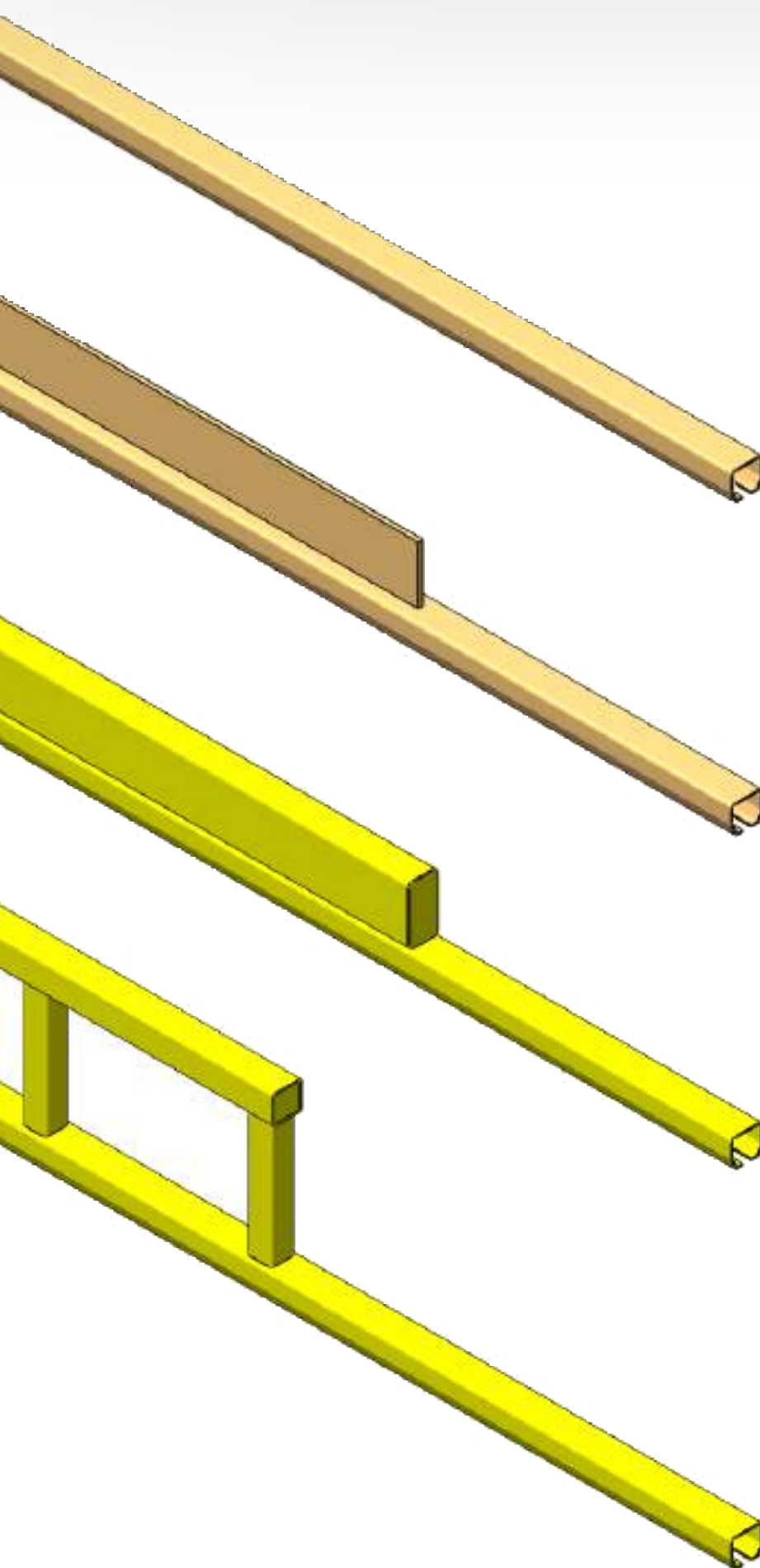


We aspire to anticipate evolving customer needs by manufacturing bespoke solutions that facilitate our customers' handling needs.

VAST VARIETY OF PROFILES

The extended range of our rails can cover a vast variety of industries and surpass workspace restrictions due to their compact & modular design.

- ✓ 6 track profiles for loads from 50kg to 2.000kg
- ✓ NIKO enclosed track tapered design enables self-alignment of the trolleys and reduces the possibility of dust build up.
- ✓ Smoother rolling of wheel trolleys thus smoother movemet of the whole system.
- ✓ Our track profiles have an unrivaled compact construction and therefore require less space.
- ✓ Modular design of tracks



NIKO Track
(zinc plated or painted)

Reinforced track with welded steel plate
(zinc plated or painted)

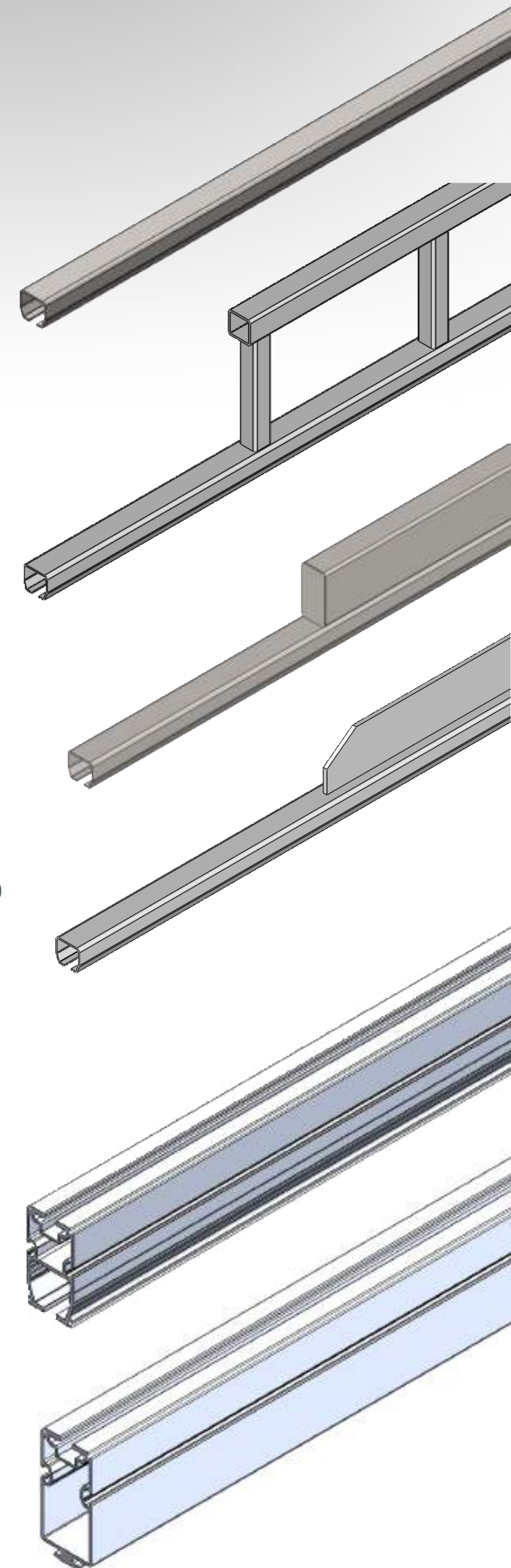
Reinforced track with welded rectangular tube (only painted)

Reinforced track with welded square profiles (zinc plated or painted)



Stainless steel track profiles
grade 304 and 316 for loads up to 500kg for special environments.

Aluminium track profiles
for loads up to 500kg /
light material handling.





product

PORTFOLIO



HANDLING

POWER FEED

FALL ARREST

HANDLING

CRANES & LIFTING SYSTEMS



Light CRANES

NIKO Light Crane Systems provide an ergonomic and cost effective solution to conventional overhead crane systems with loads up to **2.000kg** and **10m. bridge length.**

NIKO
CRANE SYSTEMS

Minimise Manual Handling

Manual handling in workplaces, factories, warehouses etc. is one of the main causes in the development of musculoskeletal disorders. According to the measures set out by Manual Handling Regulations, NIKO Light cranes can help you prevent injuries and reduce the risk in the workspace.

Eliminate pushing and pulling

(manual handling) by using powered handling machinery. If handling the load manually can't be avoided, consider whether some operations can be automated to eliminate part of the manual handling.

Help better body posture during crane operation, by keeping the torso largely upright and not twisted with the hands between hip and shoulder height (the handle height should be between the waist and shoulders).

We provide solutions for users who want to handle easily and effortlessly heavy and cumbersome loads

Enable free lifting movement of the load

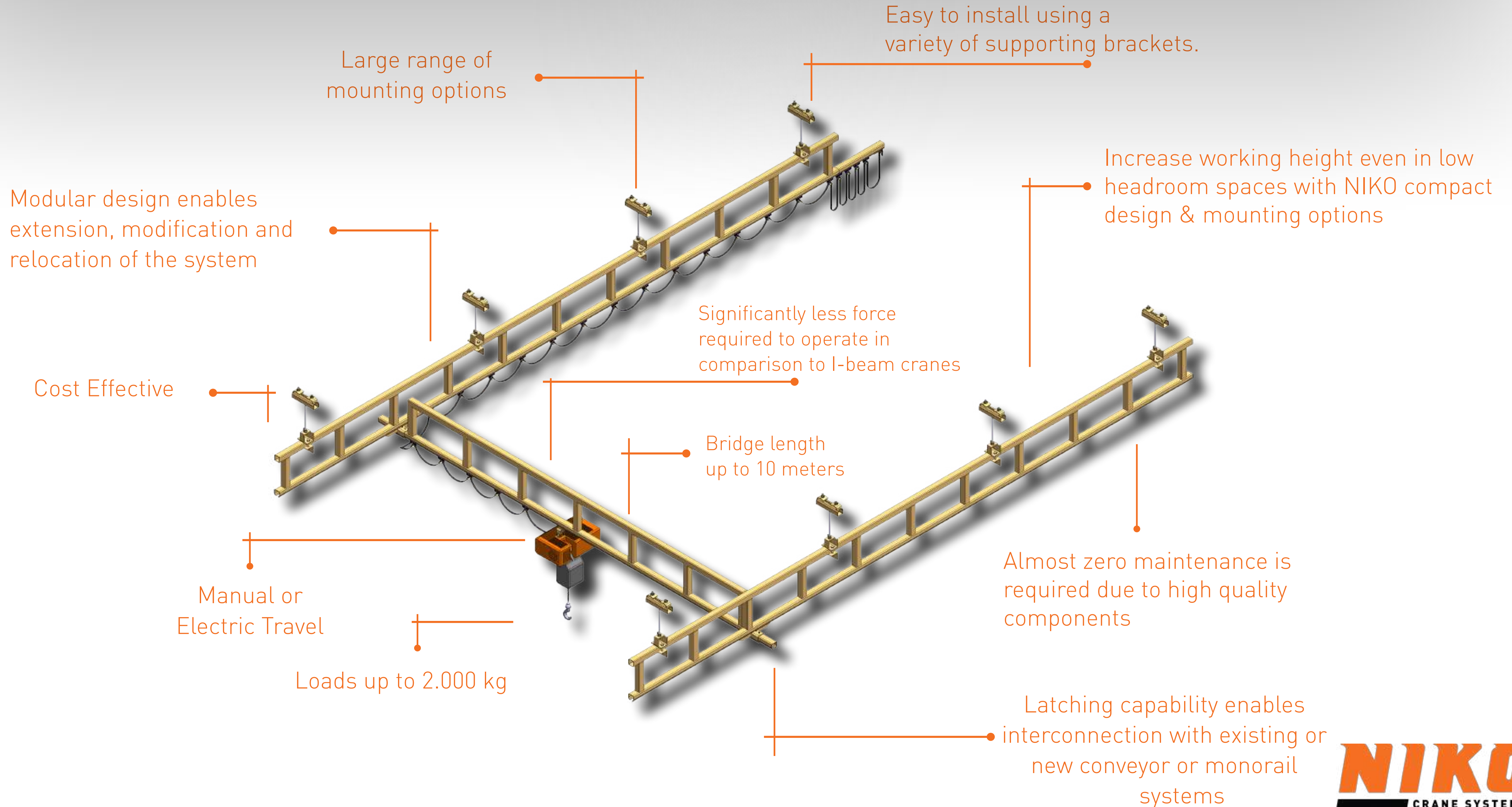
through use of overhead crane system even if there are obstructions/steep ramps /variations in floor.

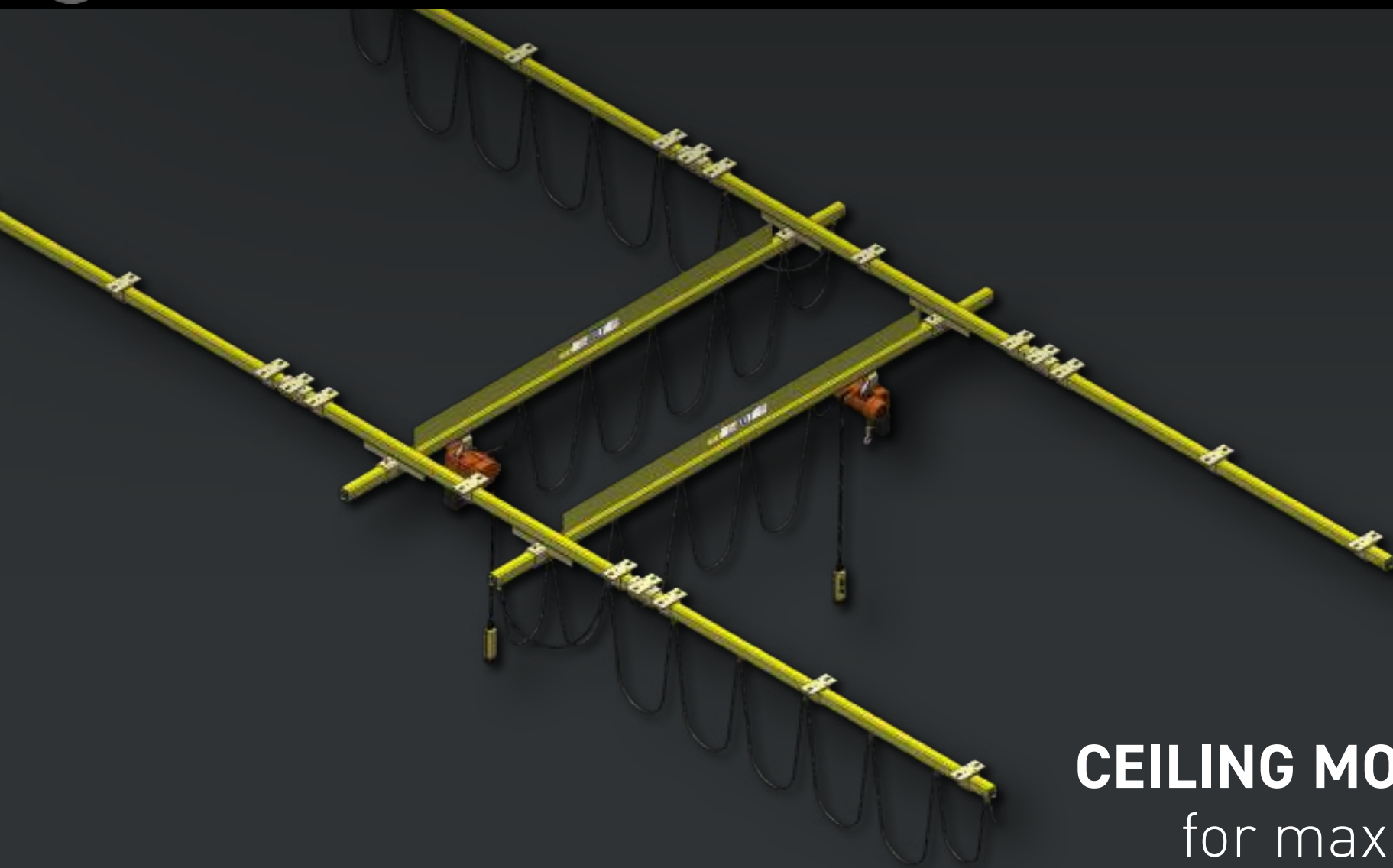
With NIKO Light cranes, the load is more stable to move, lighter for the worker, easier to grasp and inflicts less stress on the body, helping to control the risks in the workspace.

Help to avoid lifting from floor level or above shoulder height.



KEY ADVANTAGES

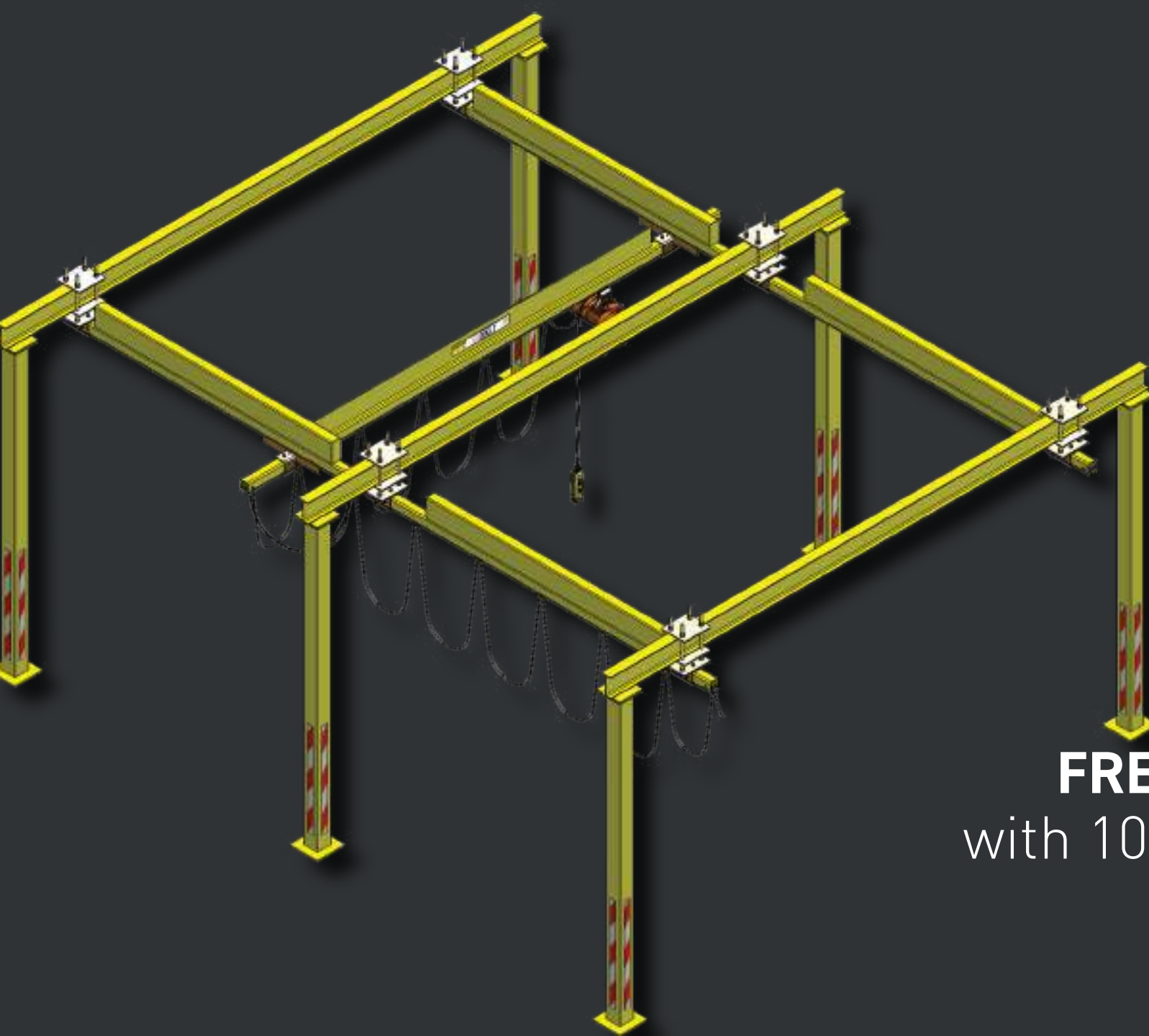




CEILING MOUNTED CRANE
for maximising the
working area



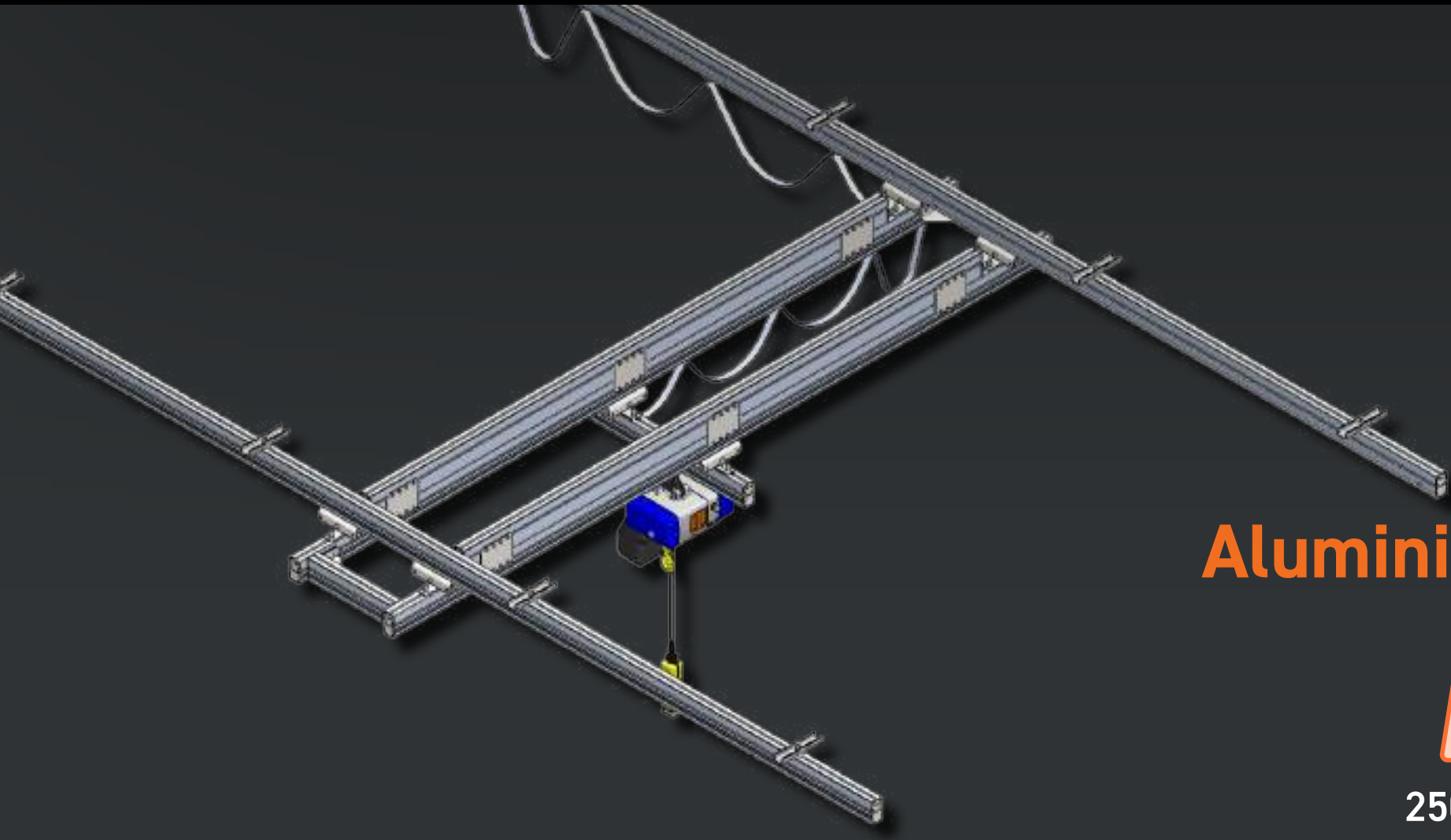
GANTRY CRANE
with options for profile A frame
or I-beam A frame.



FREESTANDING CRANE
with 10m. span and manual or
electric travel



DOUBLE GIRDER CRANE
ideal for limited
working spaces



Aluminium Cranes



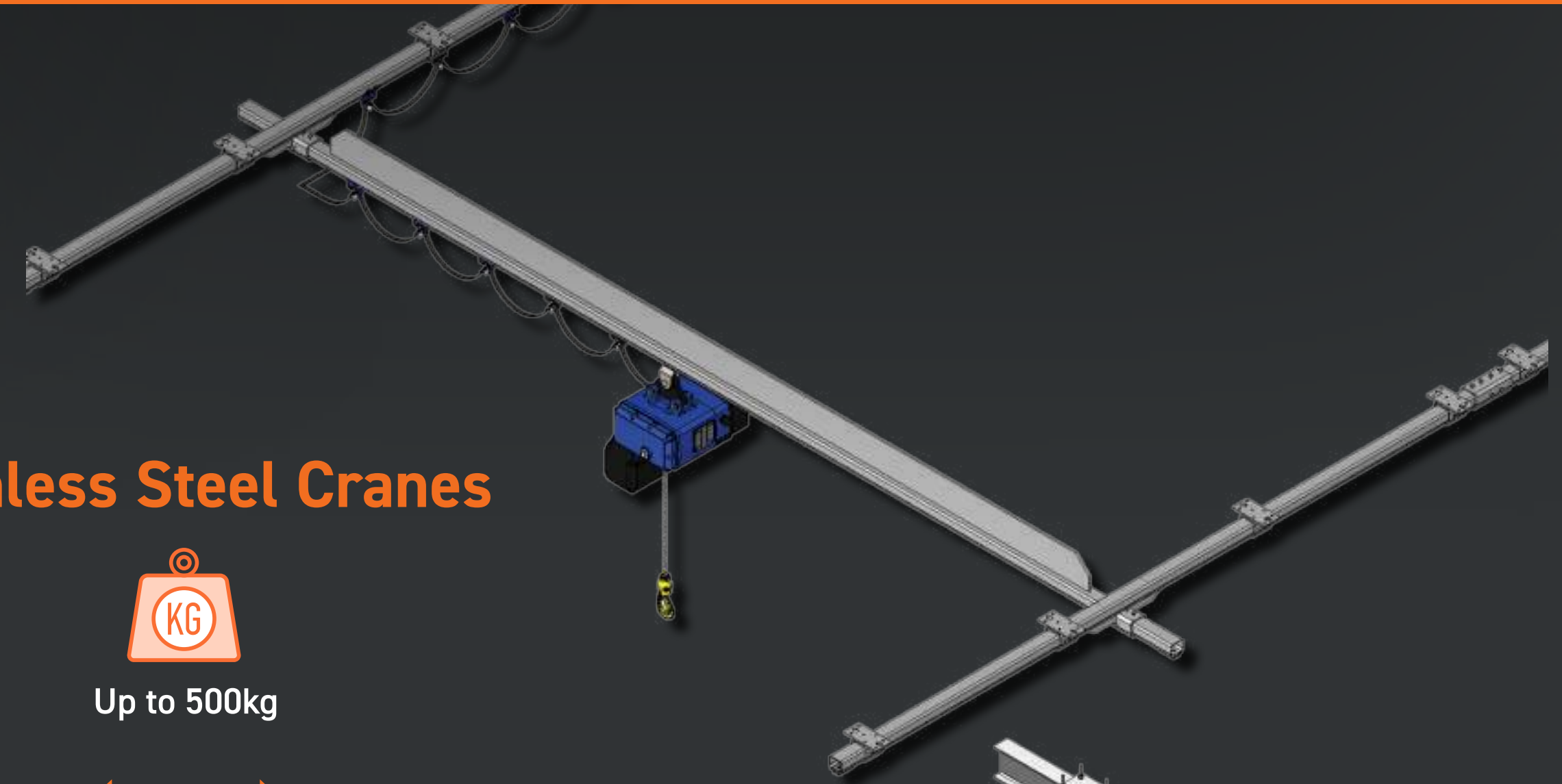
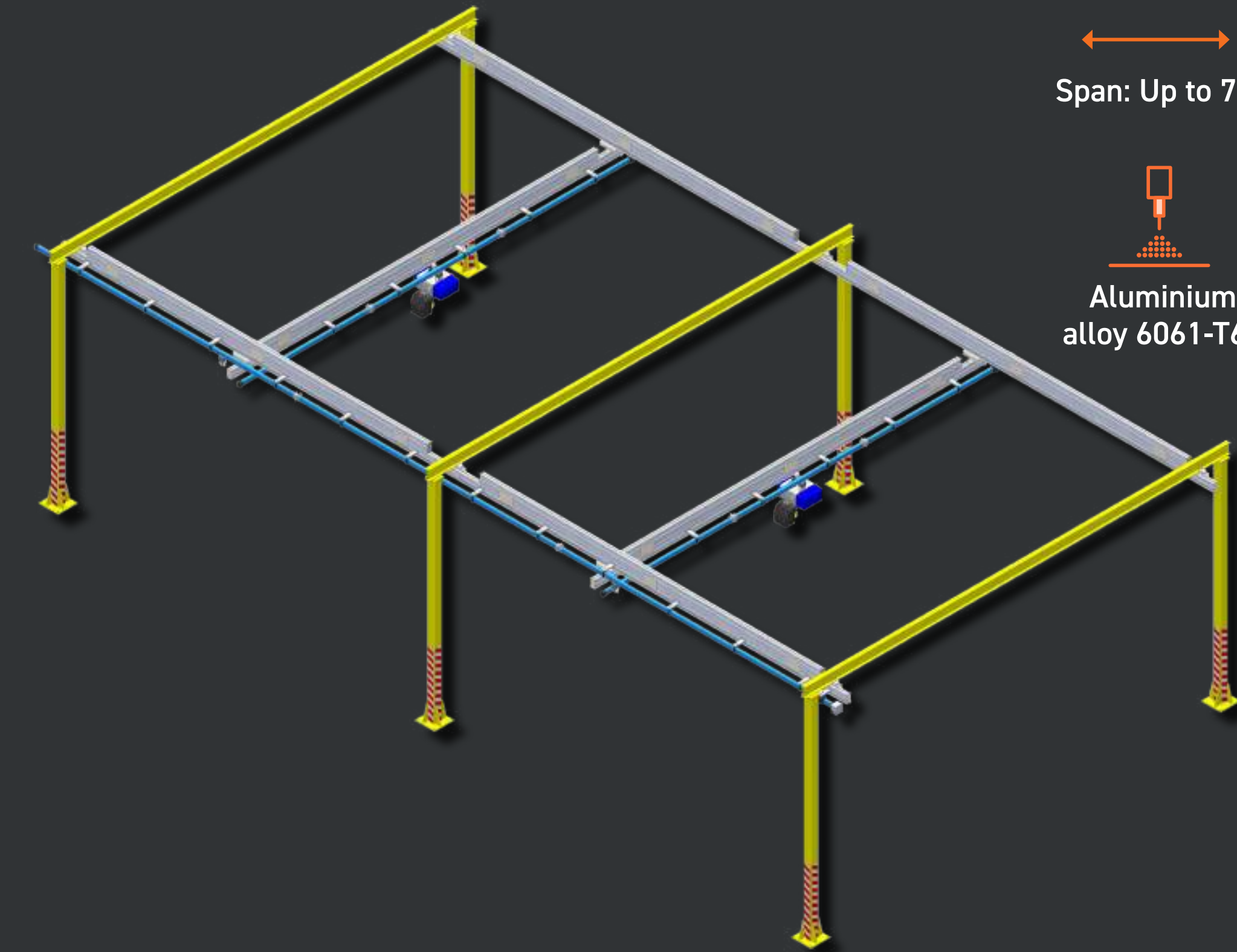
250-1000kg



Span: Up to 7m.



Aluminium alloy 6061-T66



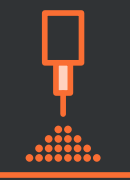
Stainless Steel Cranes



Up to 500kg



Span: Up to 7m.



Stainless steel grade 304/316



TYPICAL OPTIONS OF LIGHT CRANES



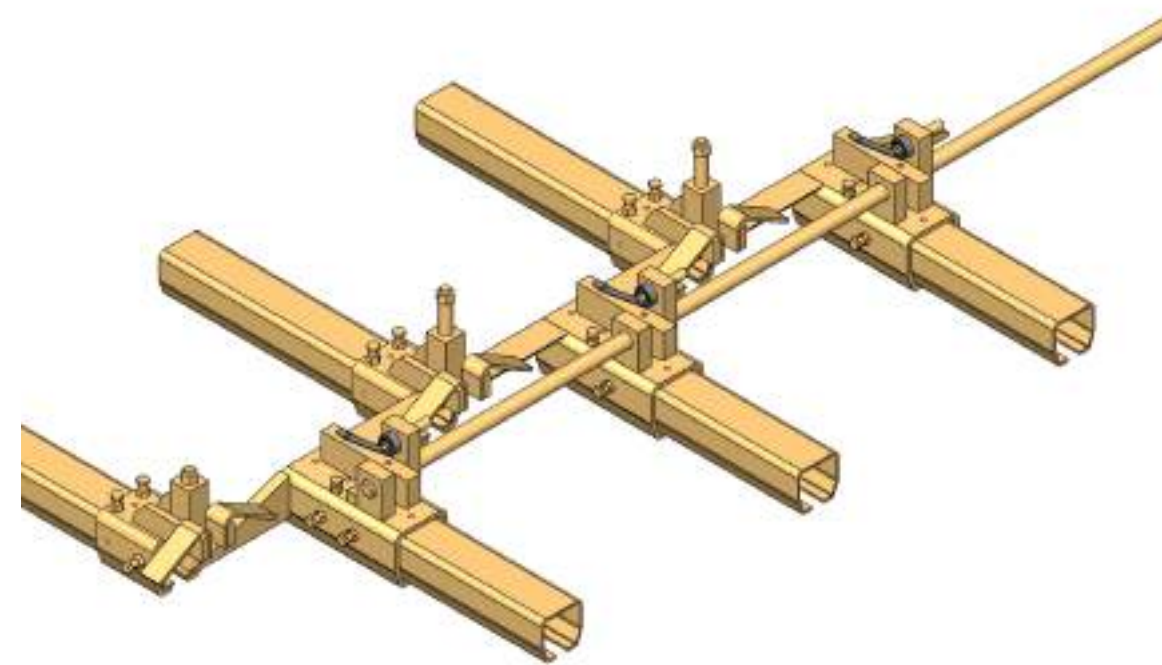
INTERLOCKS



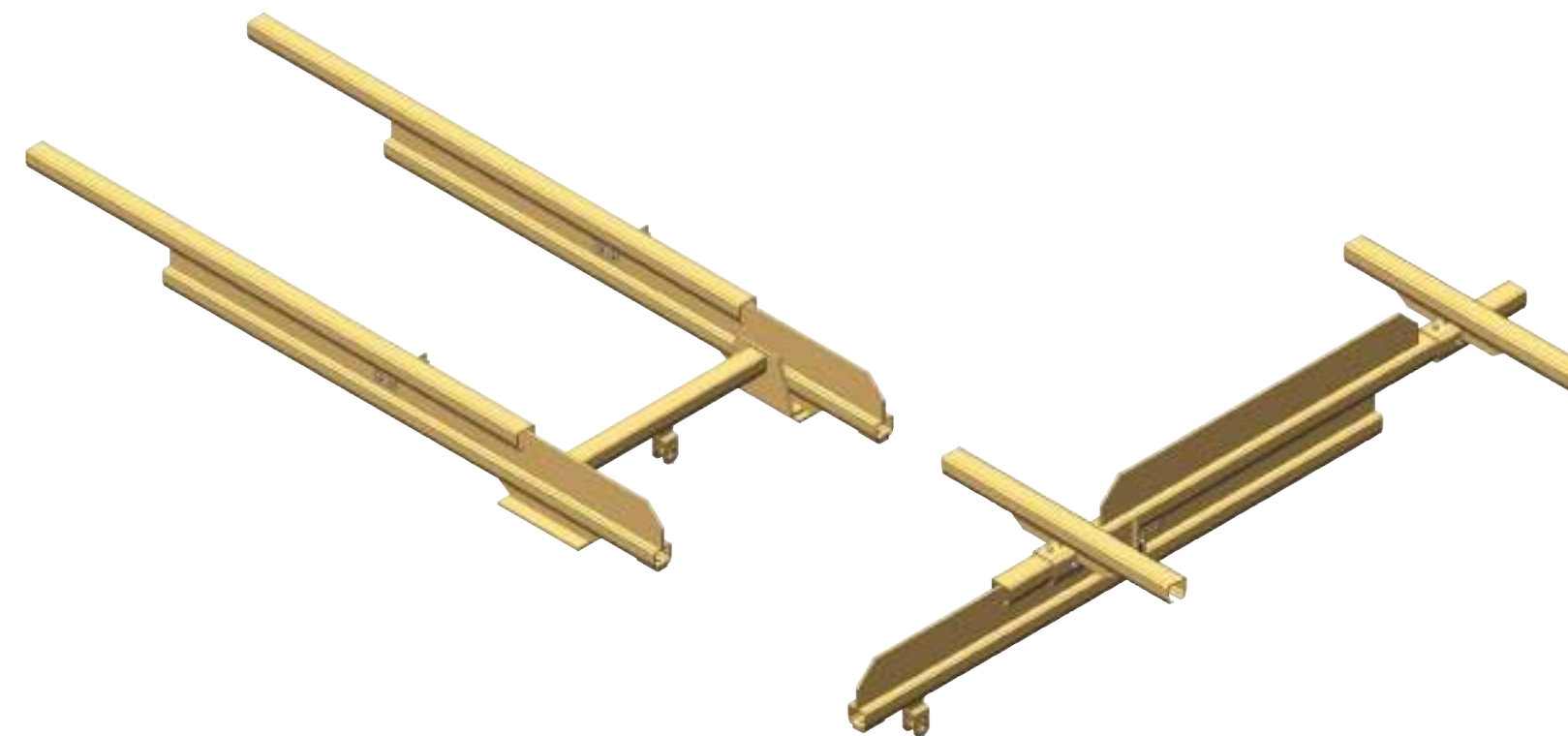
TELESCOPIC MONORAIL & CRANES



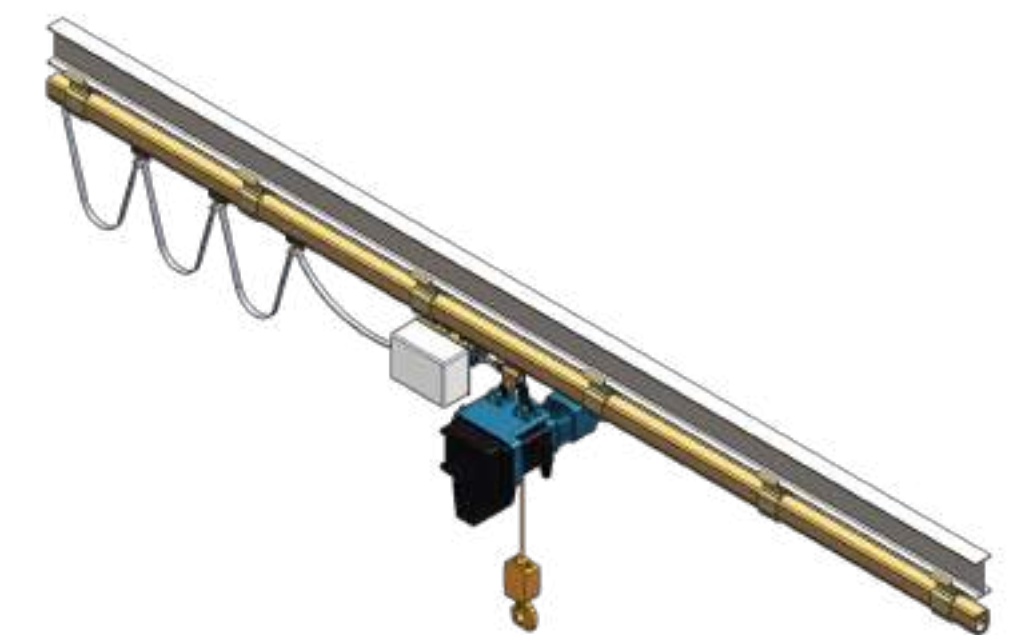
POWER DRIVEN TROLLEYS



Interlocks are used to connect a crane with another crane or an extended conveyor system. The load carrying trolley is transferred with safety from one system to the other.



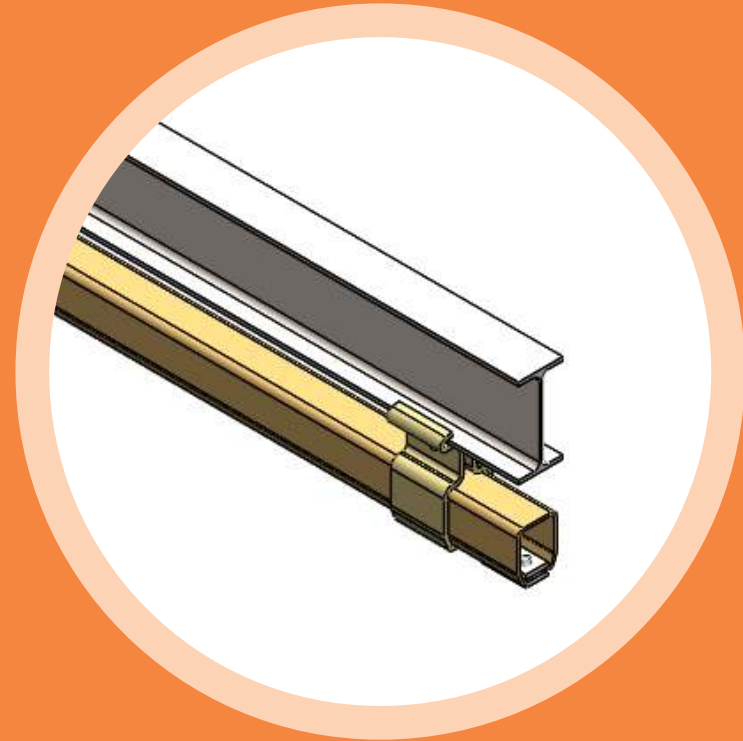
In order to cover a wider area than the supporting space structure permits, a telescopic cross bridge is recommended.



Light cranes & straight monorails can be motorised using our power driven trolleys. Ideal for loads greater than 1.000kg

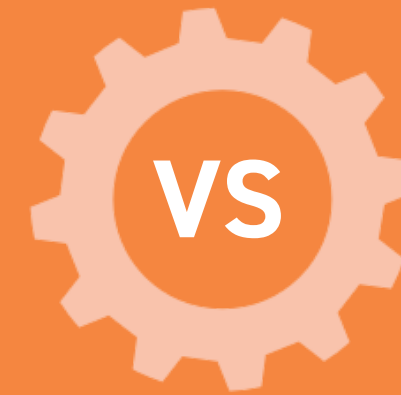
benefits of NIKO

CRANES OVER ARTICULATED CRANES



NIKO Rigid construction system:

- Have steadier travel of loads
- Steadier crane during the use of manipulators in automotive production line
- More accurate load positioning
- They reduce the likelihood of crabbing on bridge travel



Articulated cranes twist and swing around the support points and the trolley connections



1. Niko rigid track extensive reinforcement methods

Runways and bridges can span considerably longer distances between support points compared to an articulated track system.



2. Rigid profiles are more compact

- Less headroom space is required
- Increased lifting height is achieved



3. Rigid track profiles are lighter

Easier to handle for installation due to lower dead load on the supporting structure



4. Extensive product range

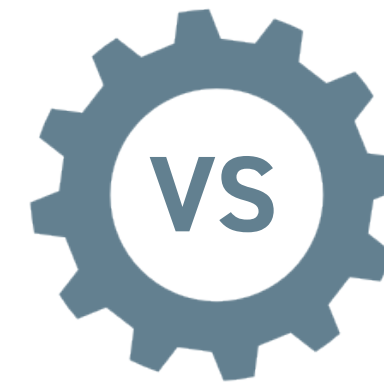
in profile tracks, support brackets, load trolleys, latches, stops, switches and turn tables

benefits of NIKO

CRANES OVER I-BEAM CRANES



NIKO Cranes



I-Beam Cranes



1.

Increased productivity due to less effort needed for movement of crane



2.

Easier movement of crane due to less effort



3.

Ergonomic handling of crane



4.

NIKO modular design allows extendibility and relocatibility



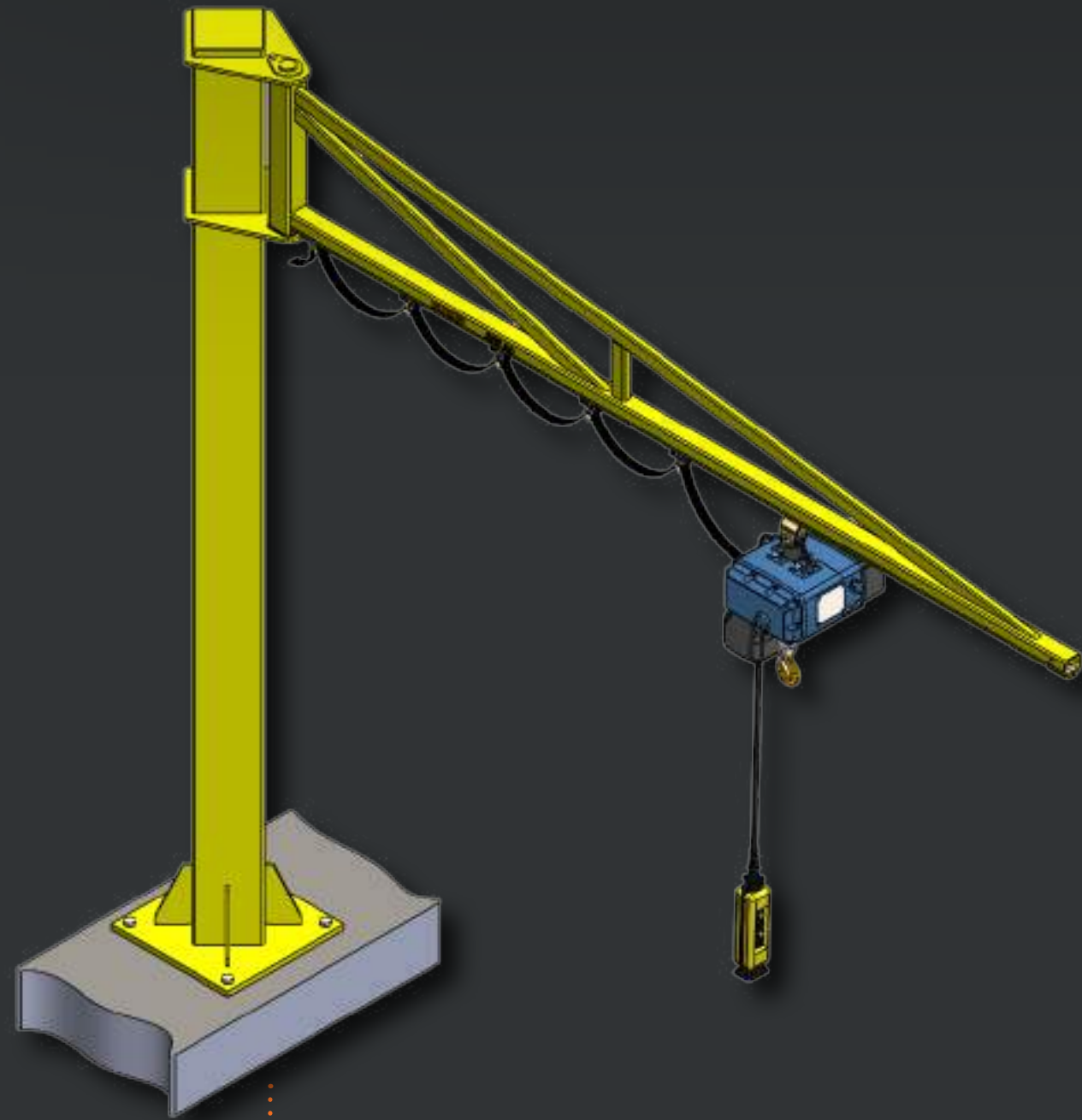
5.

Track design reduces the possibility of dust build up: smooth running of the wheels

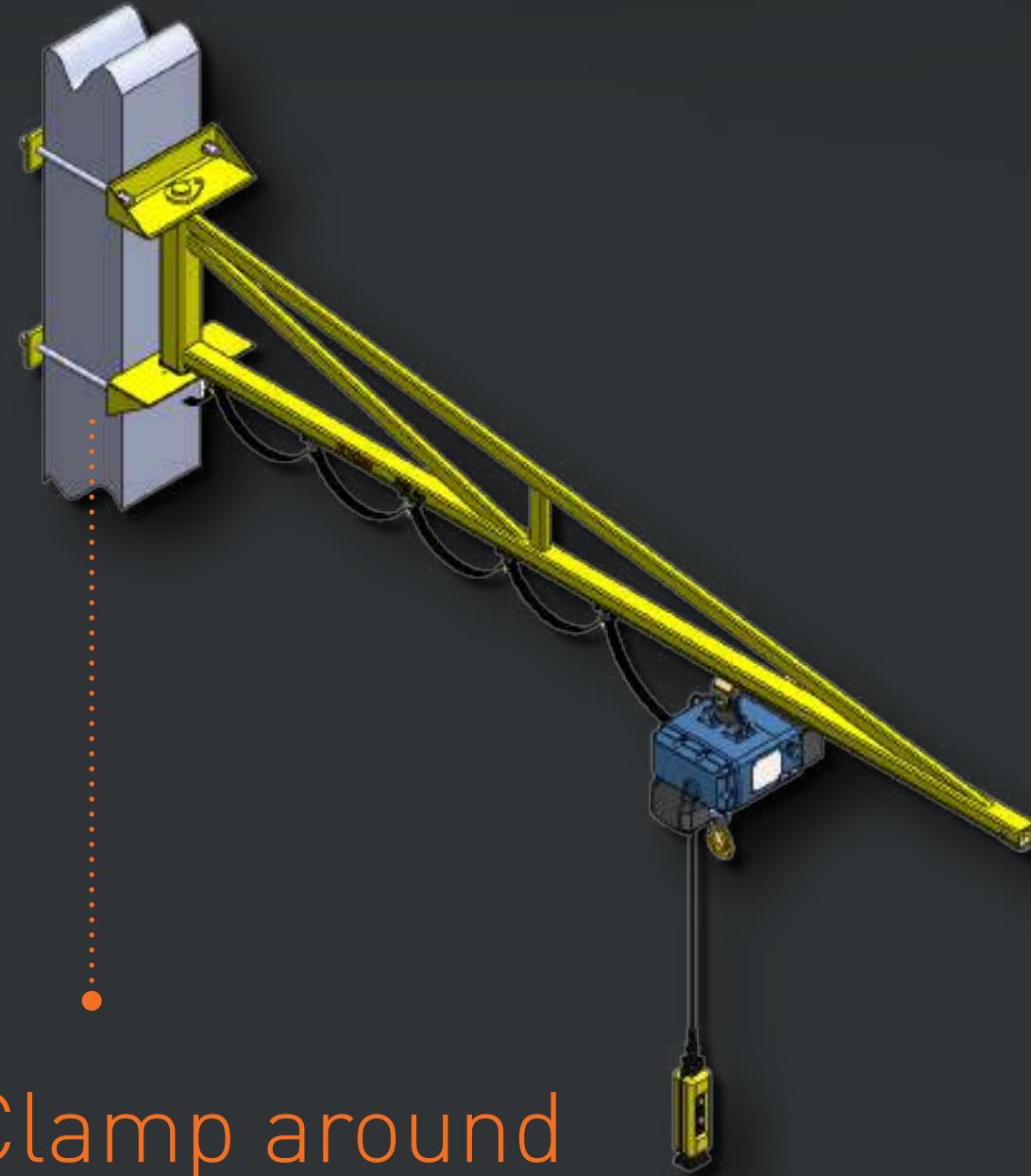
NIKO manufactures and supplies a wide range of different types of jib cranes, that can be freestanding, clamp around an existing column or bolt directly onto a wall.



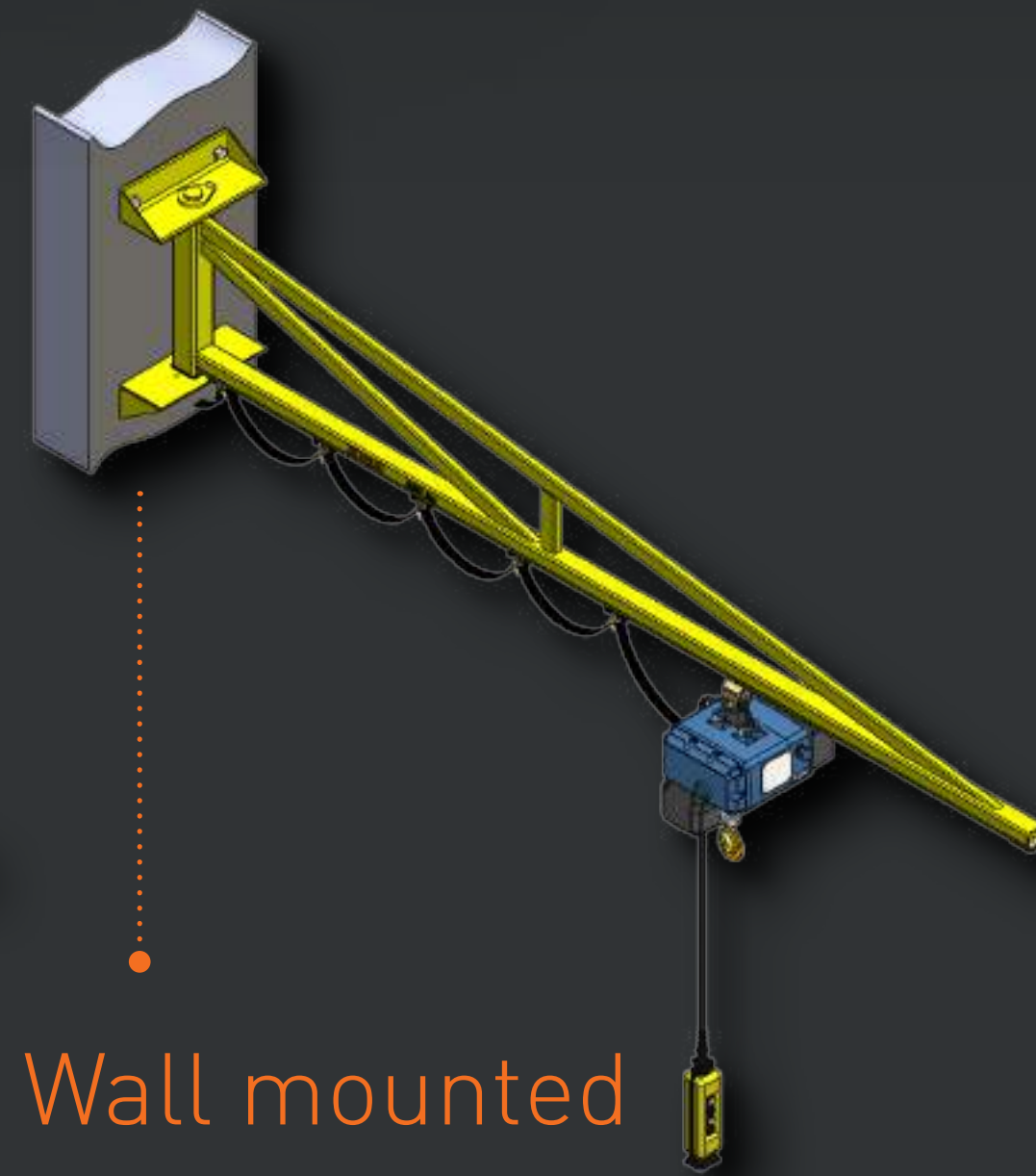
Overbraced (OB) NIKO Profile Jib cranes



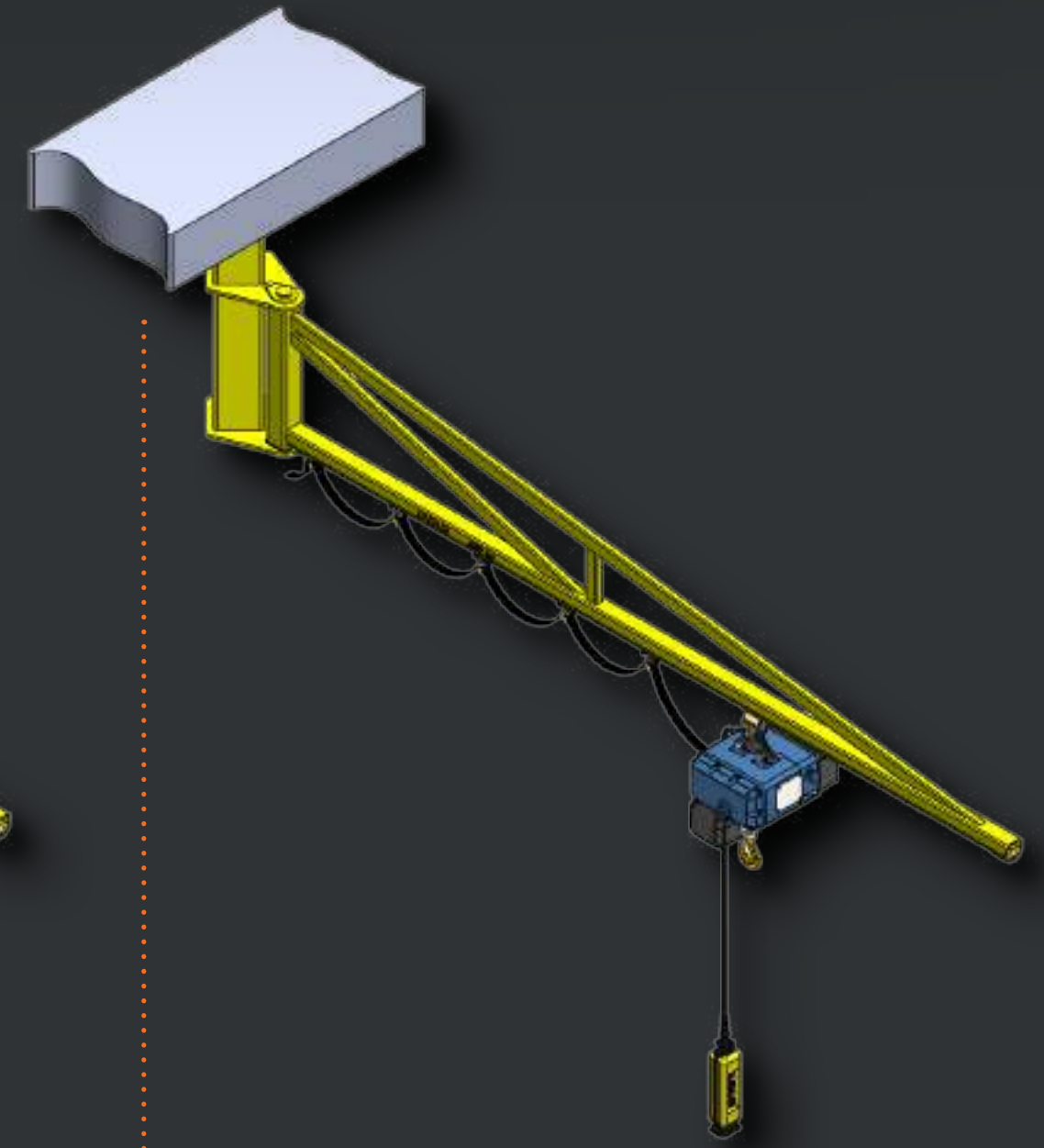
Freestanding



Clamp around column



Wall mounted



Ceiling mounted

Overall height:
Up to 5m.

Radius:
Up to 6m.



180°, 270°, 360°



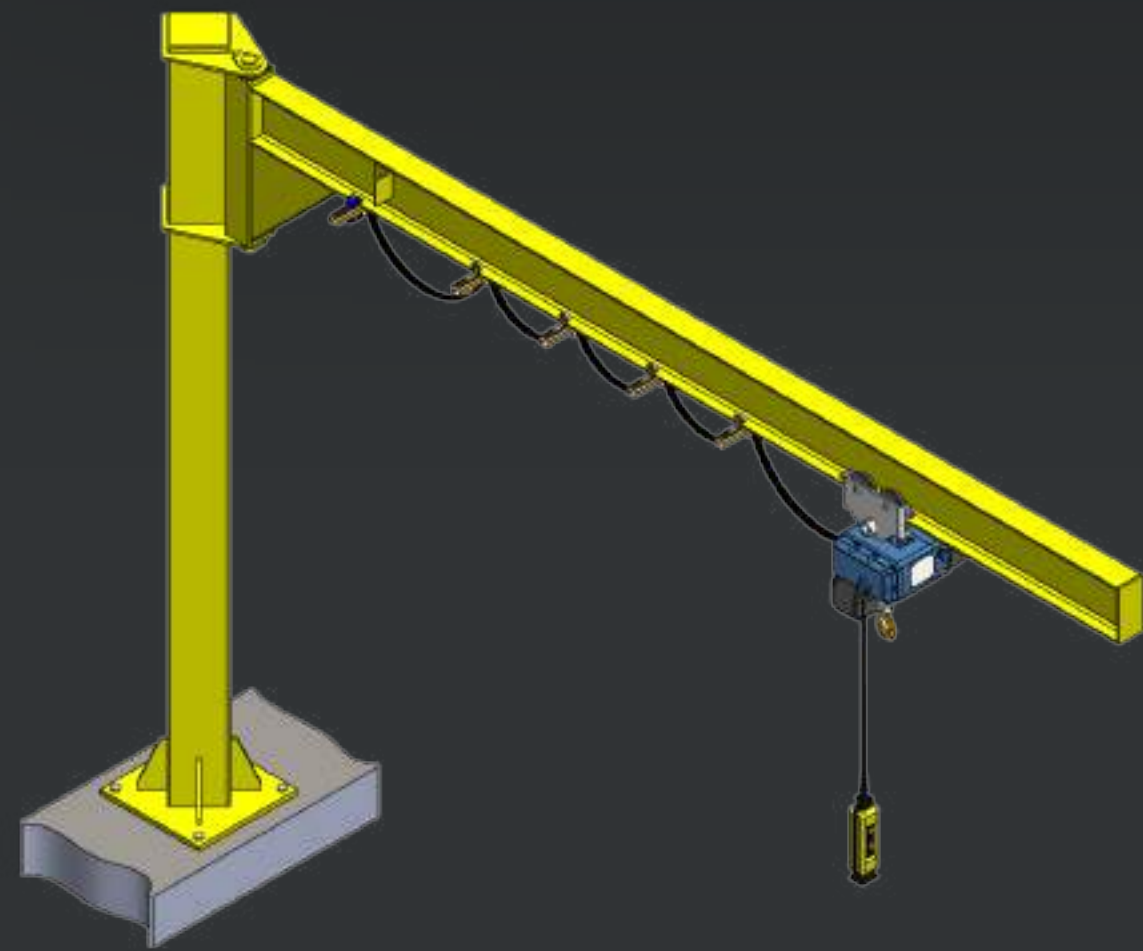
SWL 80-1000kg



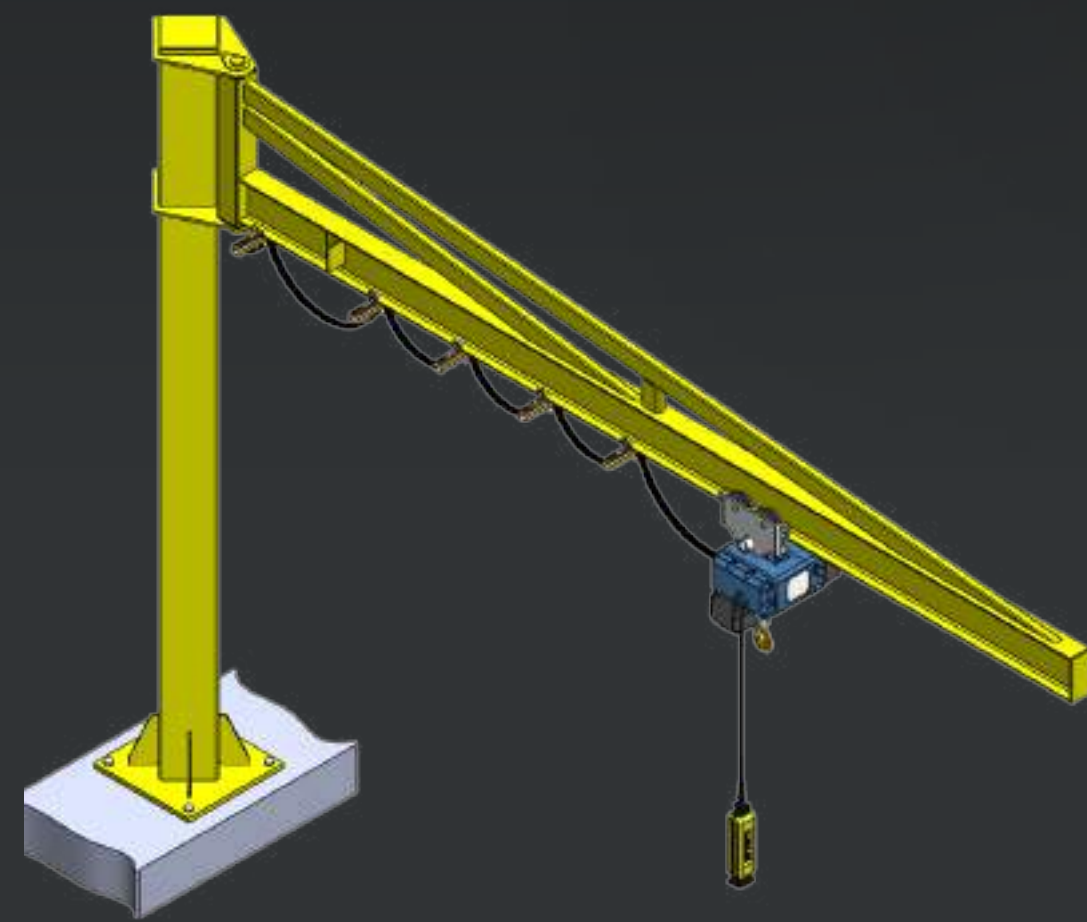
free running/
easy to use for
operator

Finish:
powder coated,
zinc plated,
or stainless steel

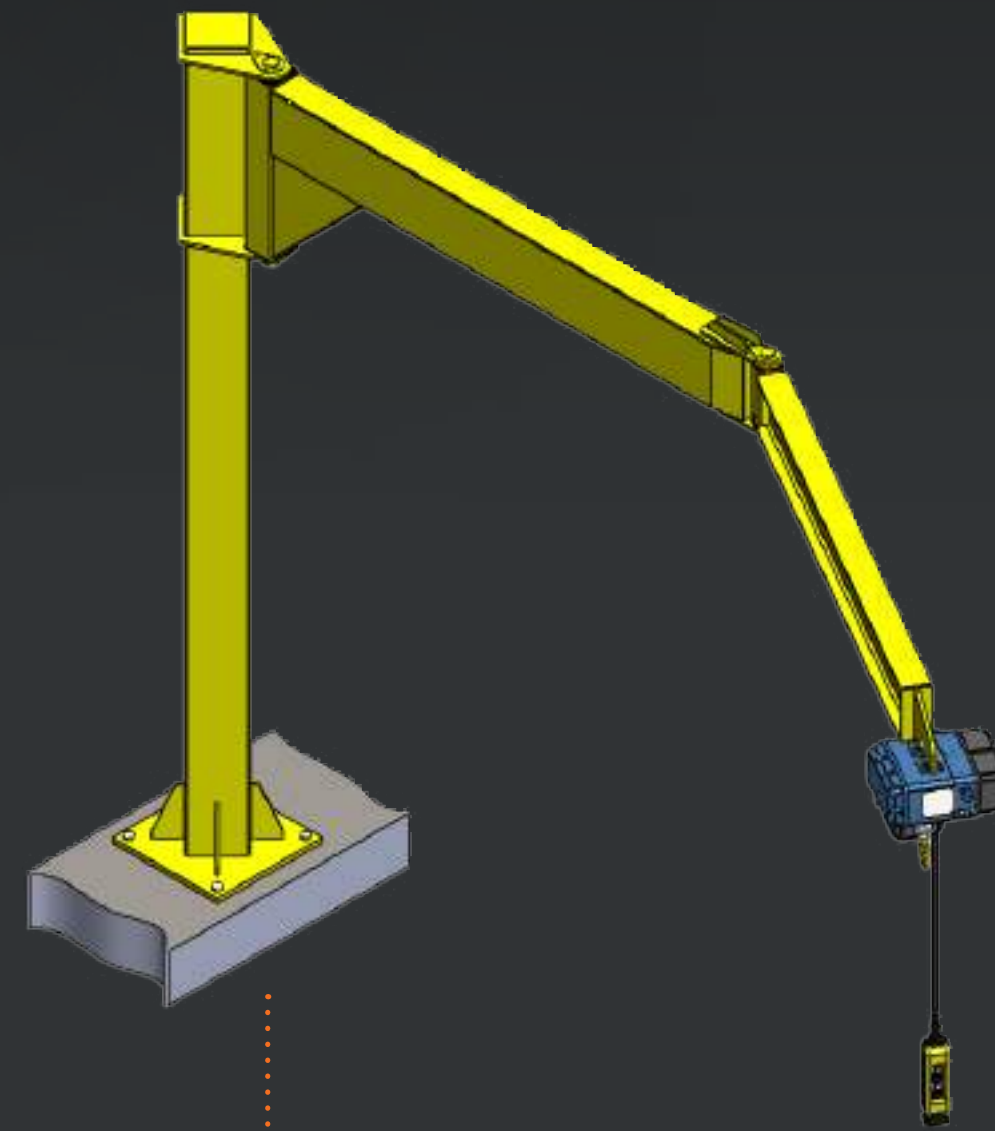
TYPES OF JIB CRANES



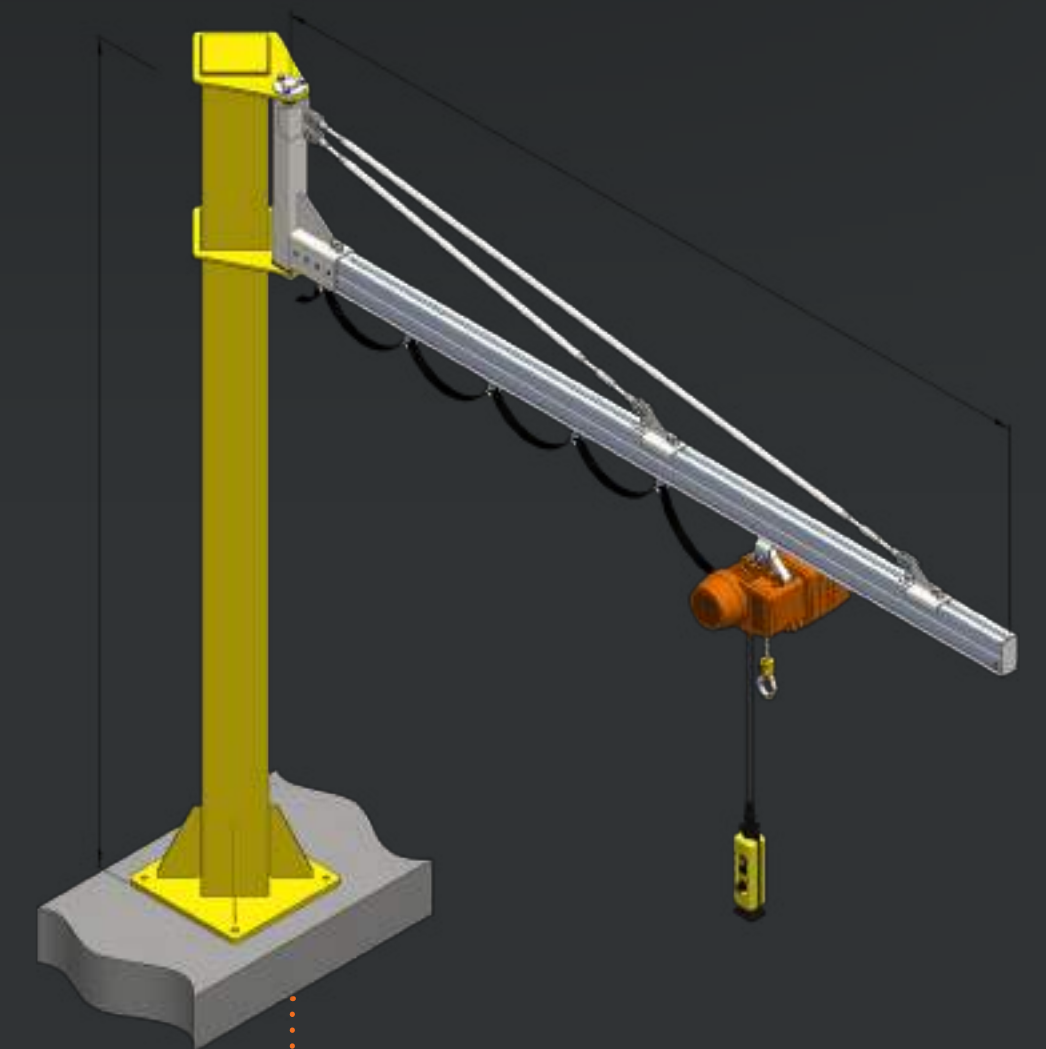
Under-braced (UB)
I-beam jib cranes



Over-braced (OB)
I-beam jib cranes



Articulated
jib cranes



Aluminium Profile
jib cranes

↑ Overall height:
Up to 5m.

↔ Radius:
Up to 6m.

180°, 270°, 360°



SWL 80-2000kg



free running/
easy to use for
operator

Finish:
powder coated

ADVANTAGES OF NIKO JIB CRANES



Made to order, no costs for excess steel or cutting



Base fabricated directly to pillar and therefore expensive foundation frames are not required



Low maintenance



Lubrication-free bushings/bearings used on majority of jib arms



Free and easy to operate





**UNDER BRACED
I BEAM JIB CRANE**

**CEILING MOUNTED
NIKO TRACK PROFILE**

**CLAMP AROUND
COLUMN
NIKO TRACK PROFILE**

**FREESTANDING
NIKO TRACK PROFILE**

**ARTICULATED
JIB CRANE**

Industries



Automotive



Automation



Pharmaceutical



Warehouses



Packaging



Assembly



Food processing



Material handling



scaffolding RUNWAY SYSTEMS

NIKO scaffolding runway system provides a solution for lifting and moving loads throughout a scaffolding support structure.

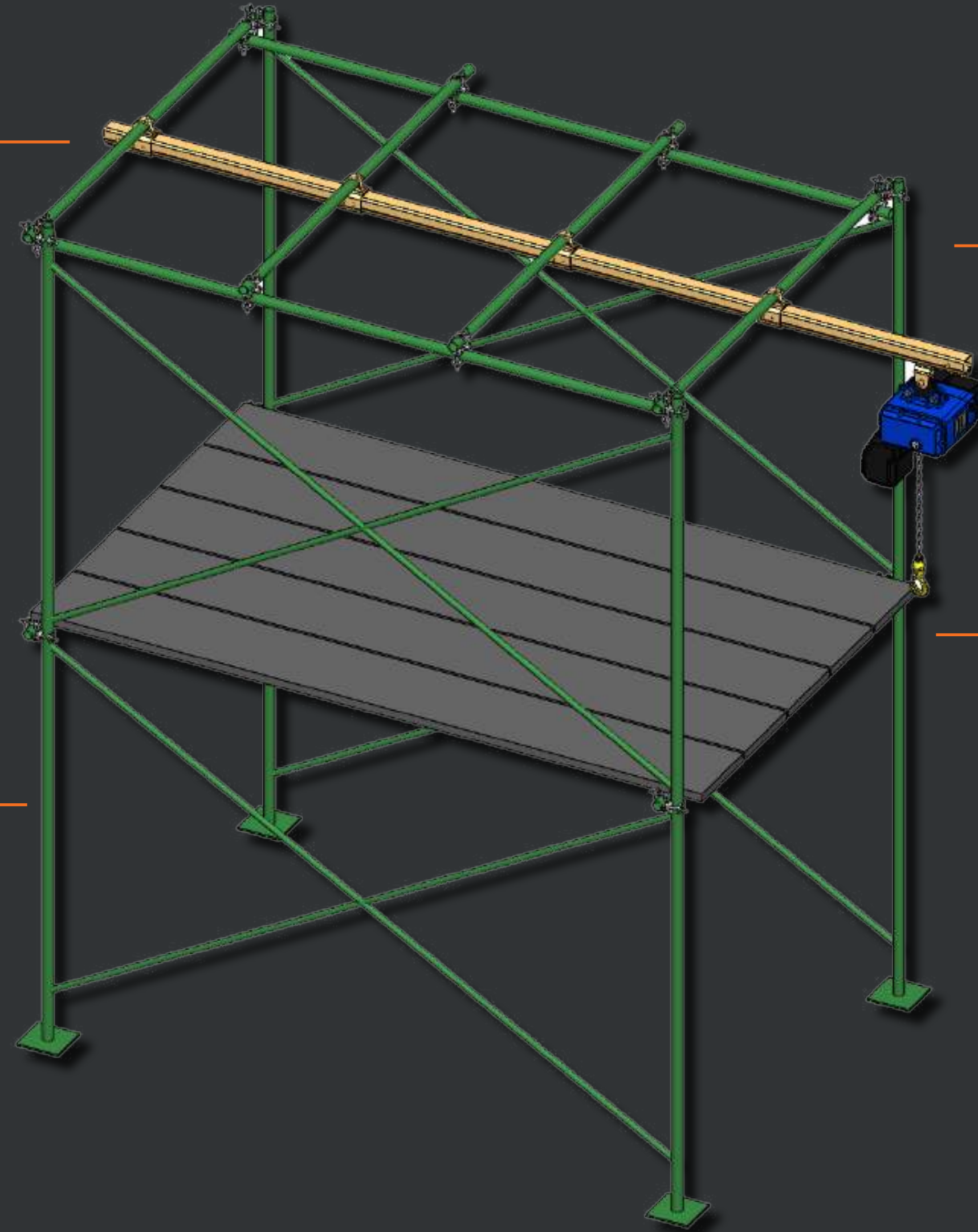
NIKO scaffolding

RUNWAY SYSTEMS

Clamps to existing scaffolding structure

Available in straight and curved sections

Change direction with junction switches

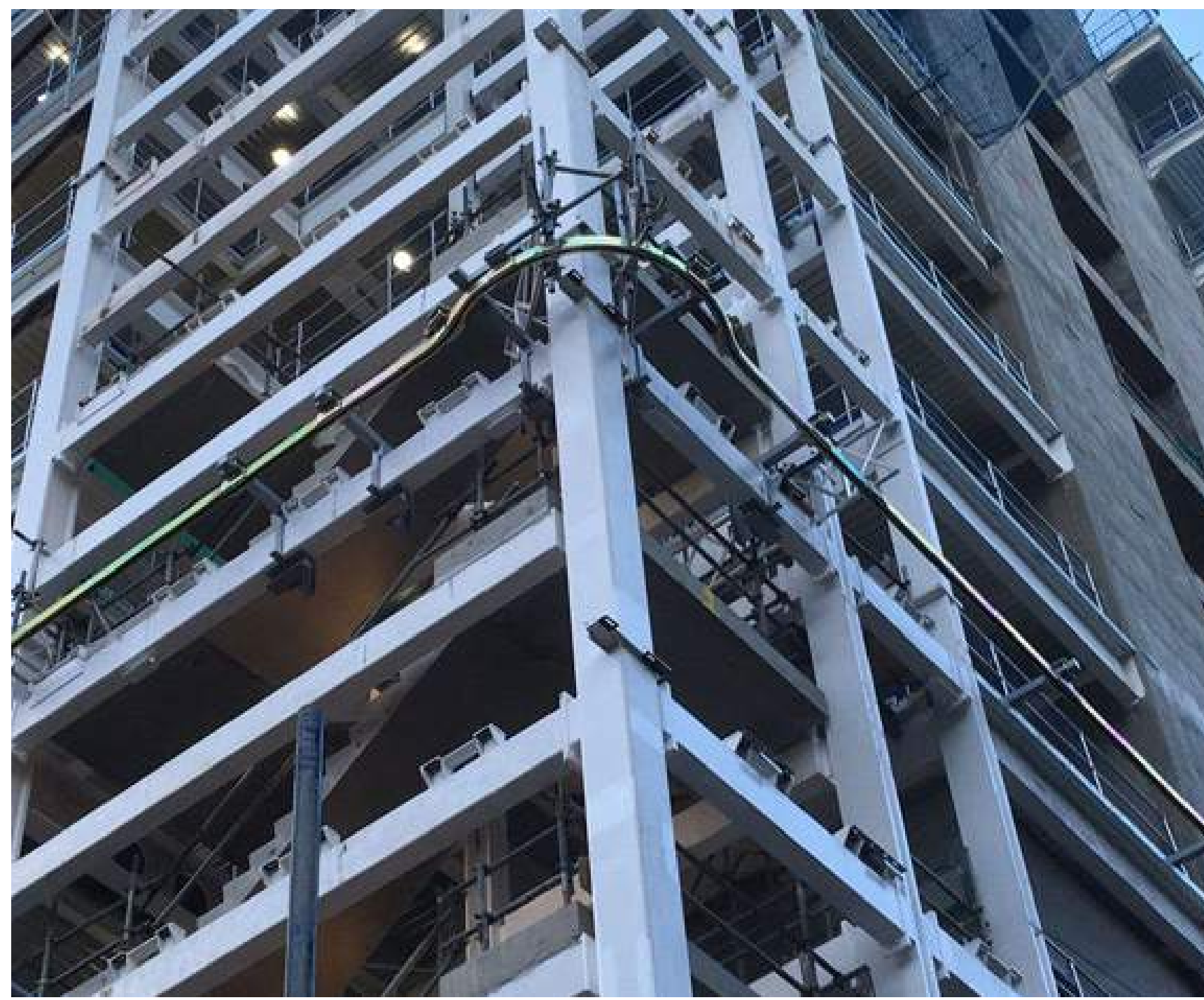


Cantilever over the end of the scaffolding

Suspend a bridge from 2 runways to create a crane system

Supplied in kit form for ease of installation, extension and relocation

SCAFFOLDING RUNWAY SYSTEMS APPLICATIONS



POWER FEED

Festoon

SYSTEM

A vast variety of cable trolleys for different cable dimensions and types (flat or round).

NIKO festoon systems are the ideal solution for carrying cables or hoses to feed power to overhead cranes or other moving machinery.

The range comprises of 5 NIKO track systems to suit varying weights and quantities of cables or hoses.

Cost effective alternative to bus bars

High safety factor

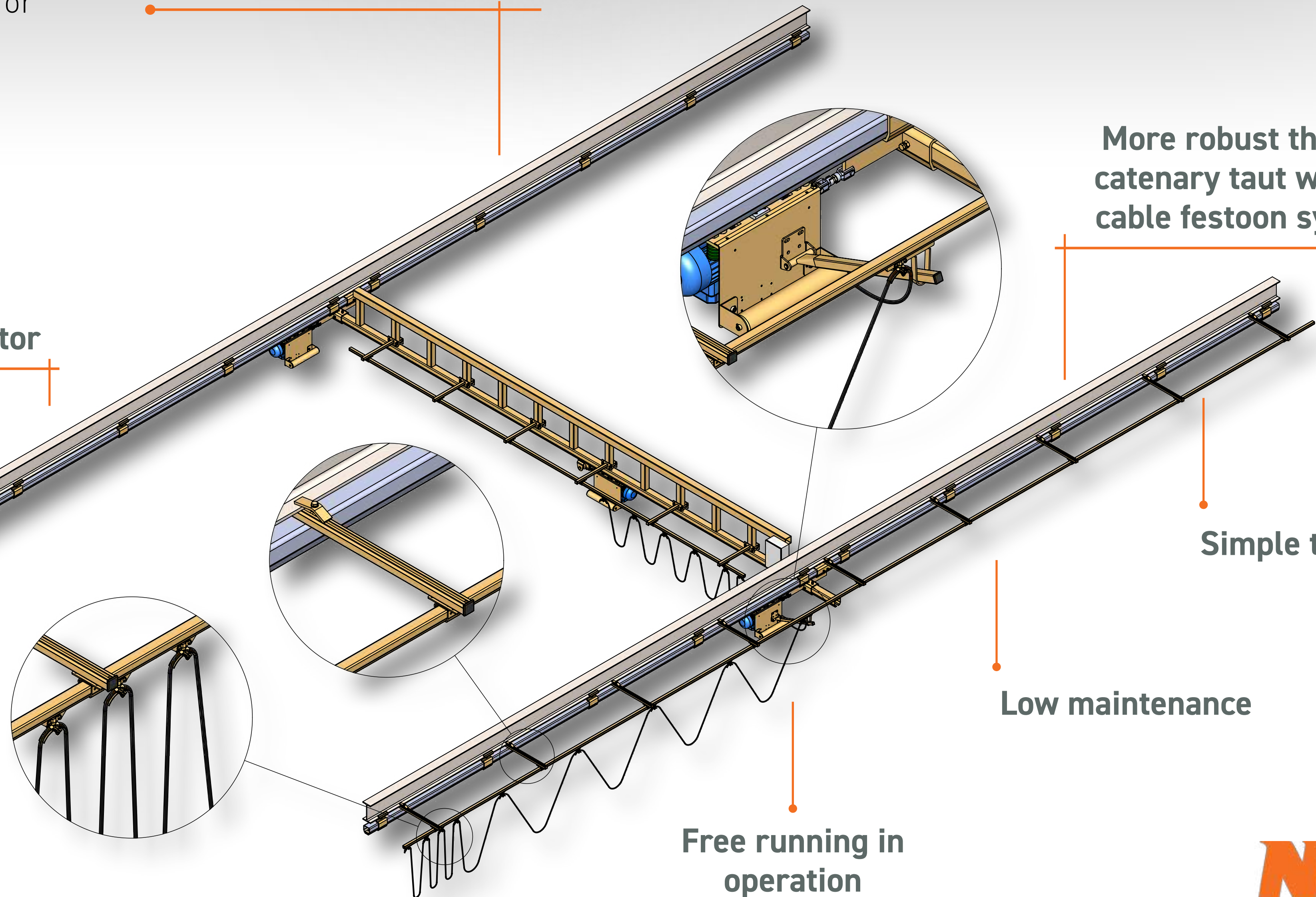
More robust than catenary taut wire cable festoon system

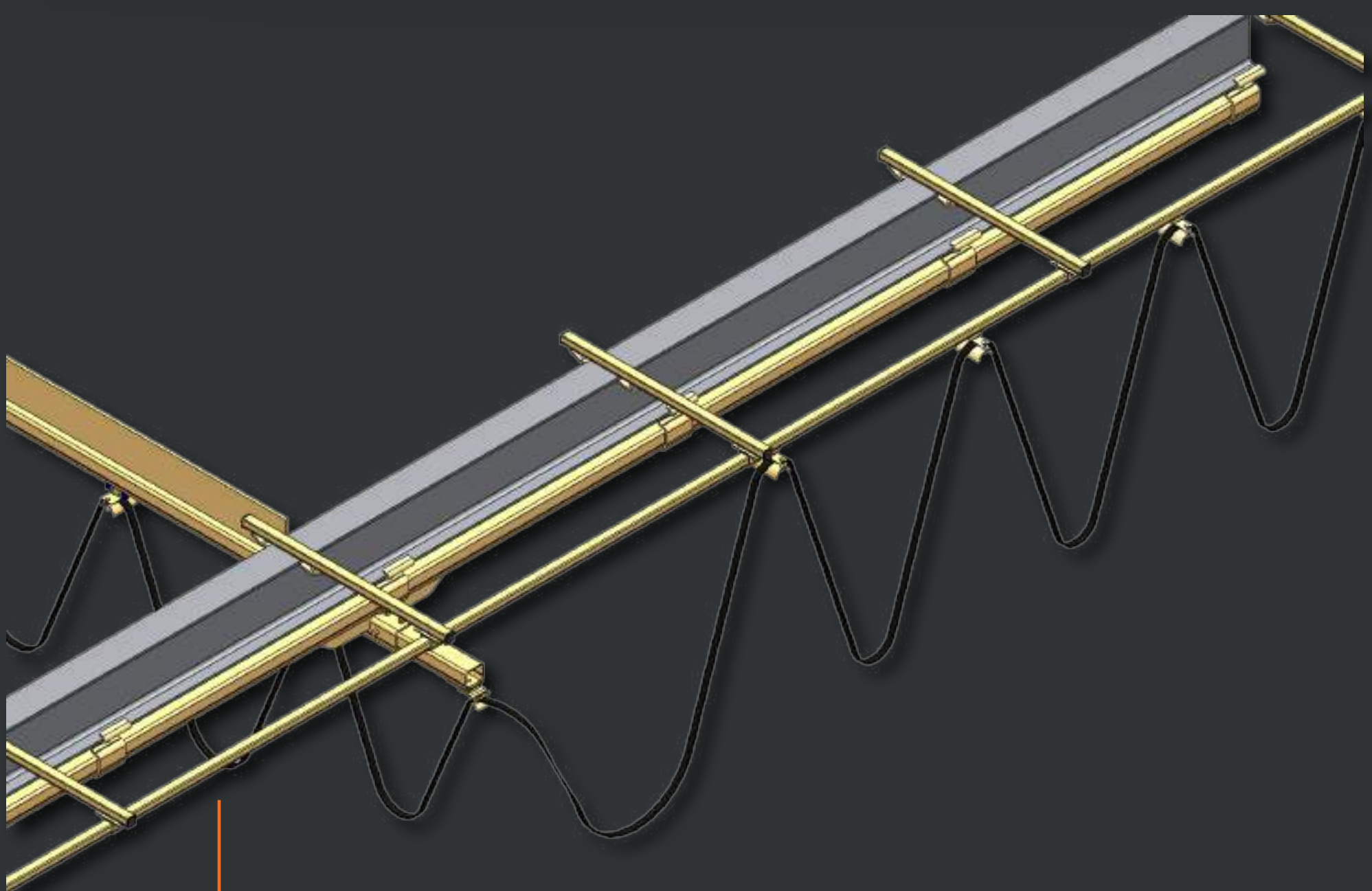
Simple to install

Low maintenance

Free running in operation

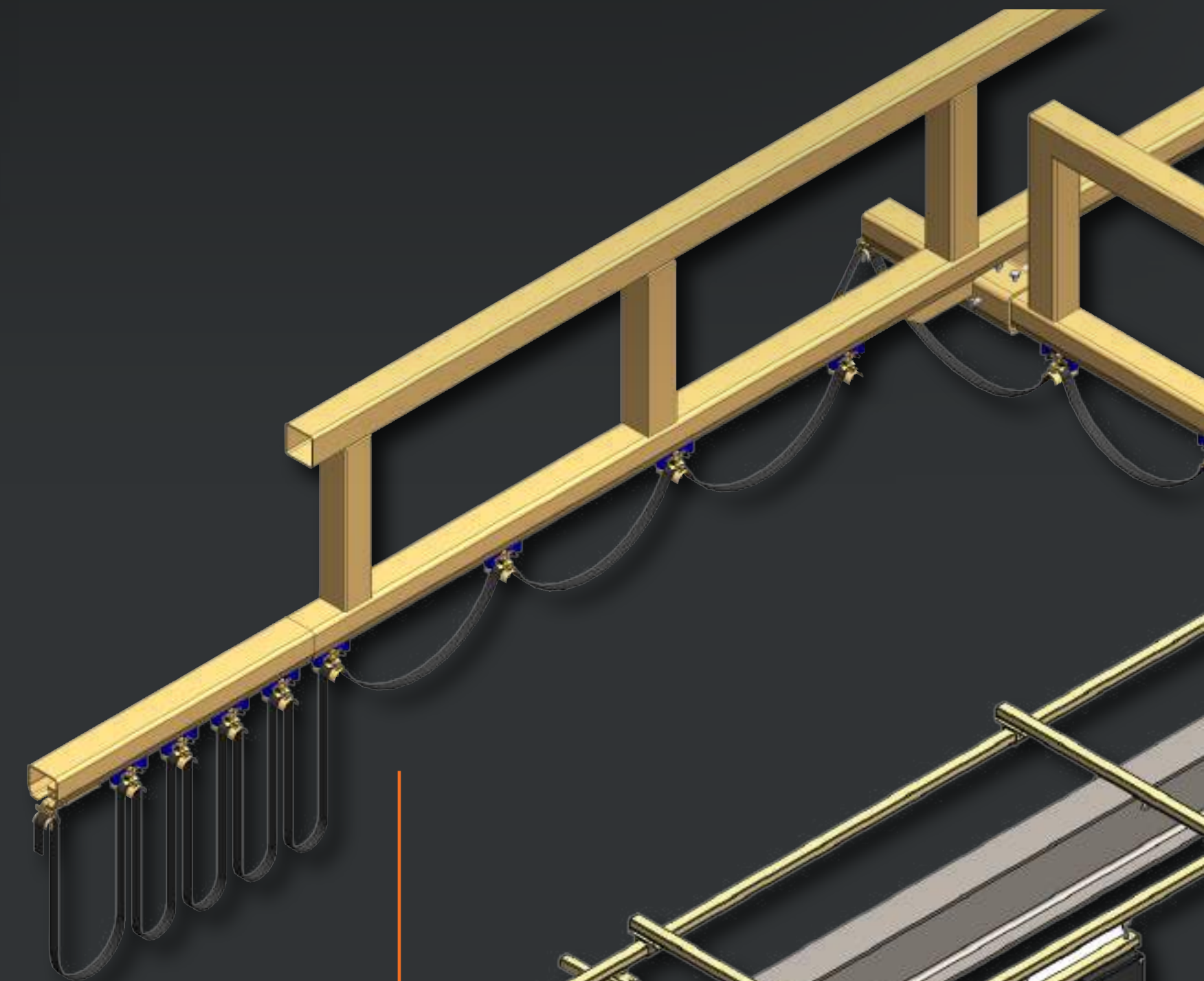
Auxiliary line for allowing more working space



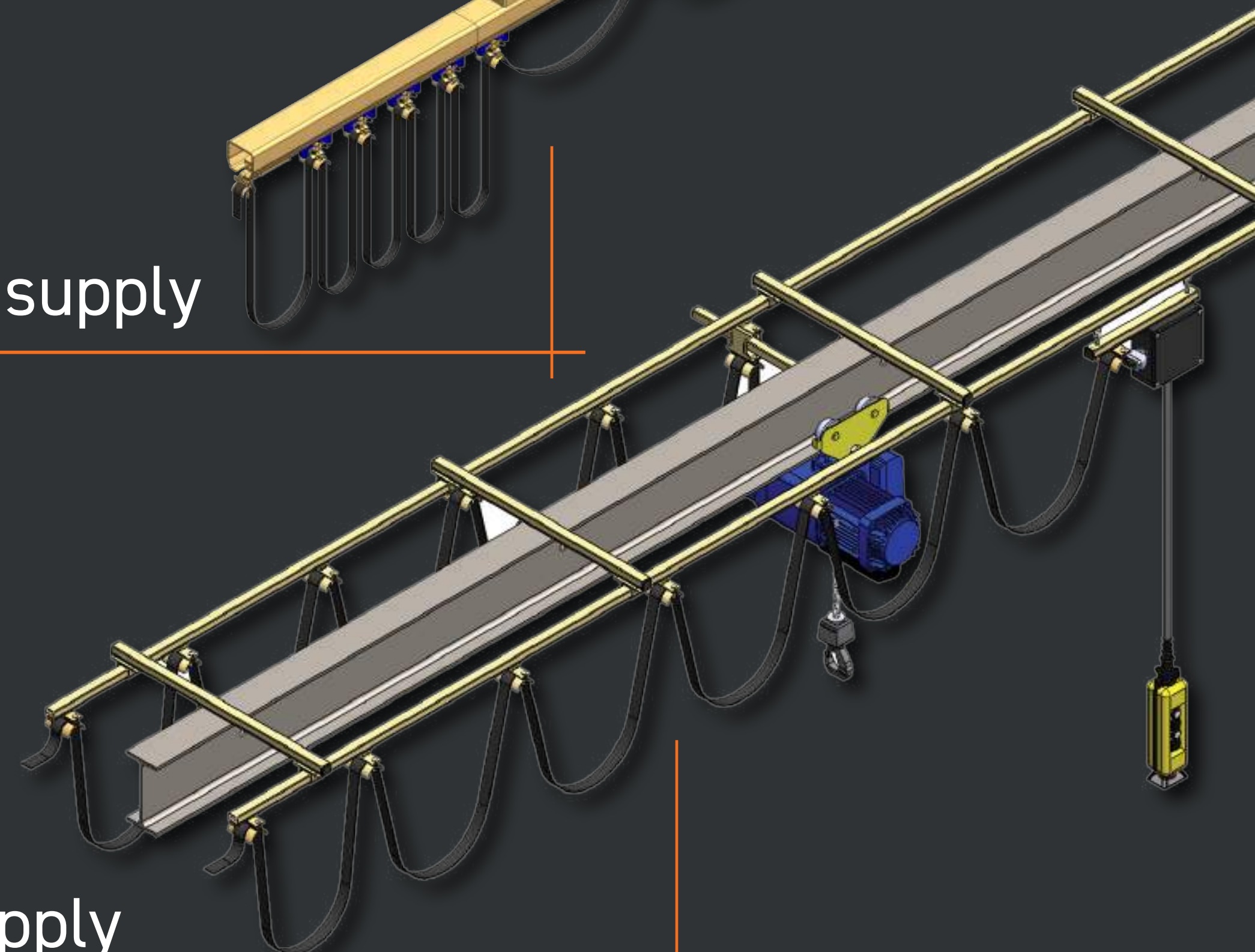


PARALLEL TRACK festoon supply

INTERNAL festoon supply



2 PARALLEL TRACK festoon supply

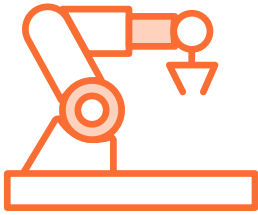




Industries



Automotive



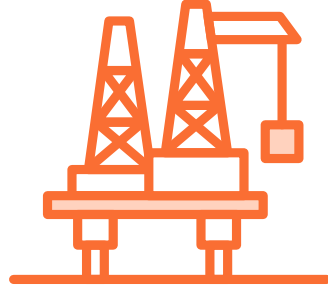
Automation



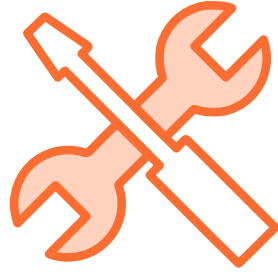
Pharmaceutical



Warehouses



Off Shore



Assembly



Food processing



Material handling

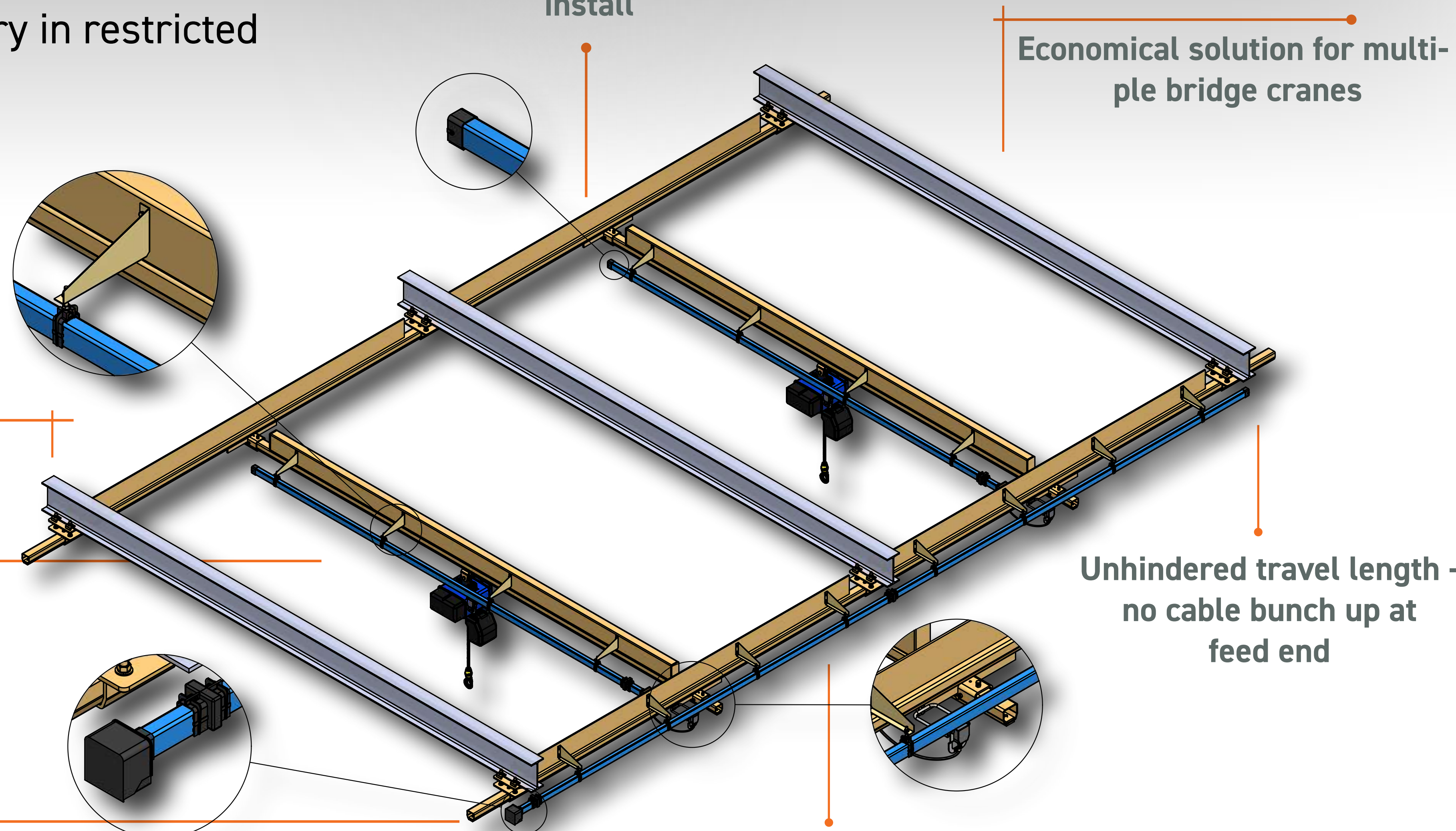
Conductor BARS

No hanging cables. More Space.



CONDUCTOR BARS

The ideal solution for supplying power to moving industrial machinery in restricted workspaces.



Very quick and easy to install

Economical solution for multiple bridge cranes

Ideal for space constrained areas due to compact housing size

Ability to feed more than 2 machines at the same time

Unhindered travel length - no cable bunch up at feed end

No limit to the length of the system

No hanging cables and therefore safer

FALL ARREST SYSTEMS

Fall Arrest

CRANES

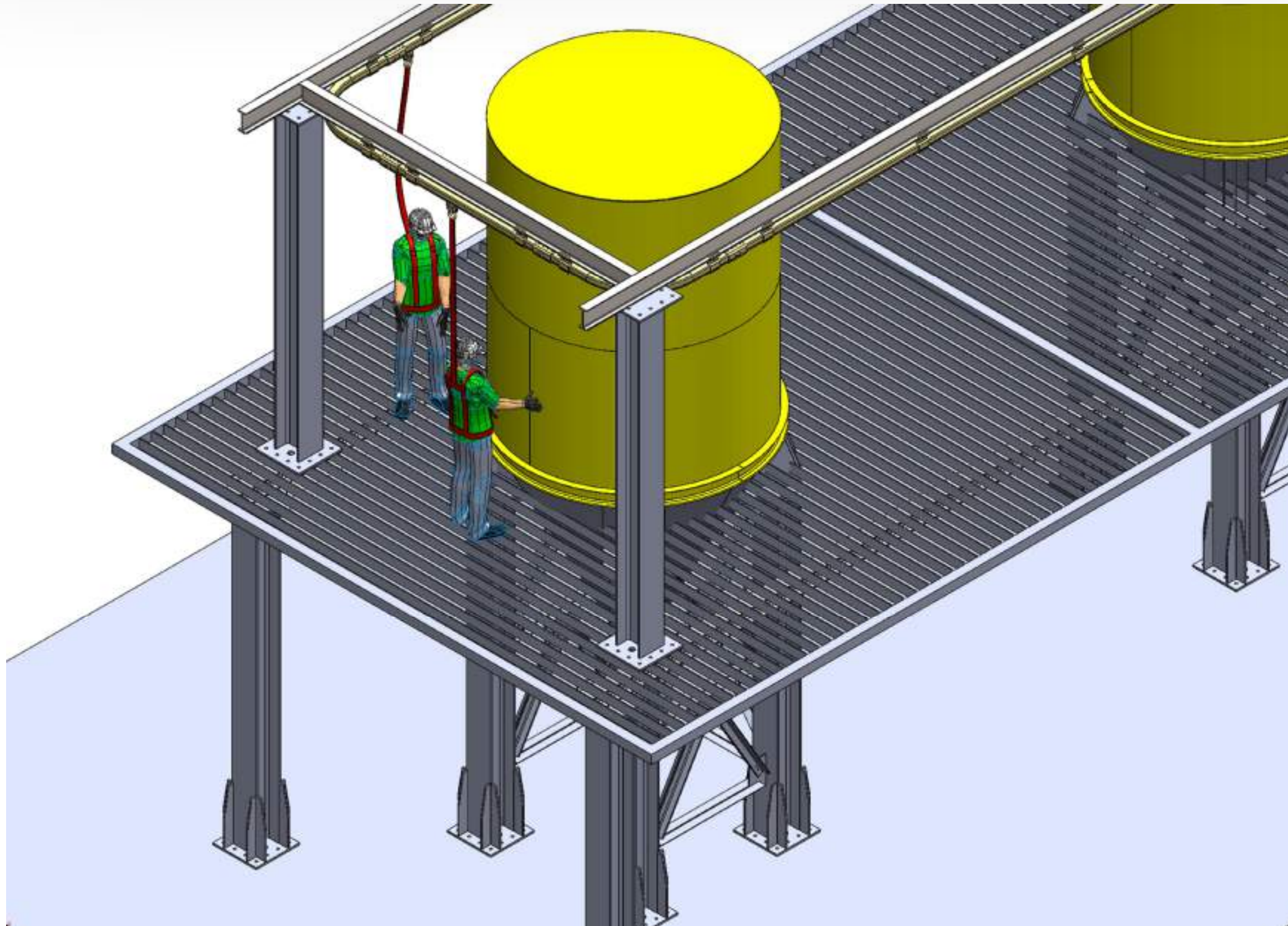


Castrol
Mischtank
400 000 Liter

GARTNER KG
www.gartnerkg.com
TEL. 07245 / 234
FAX 025 550

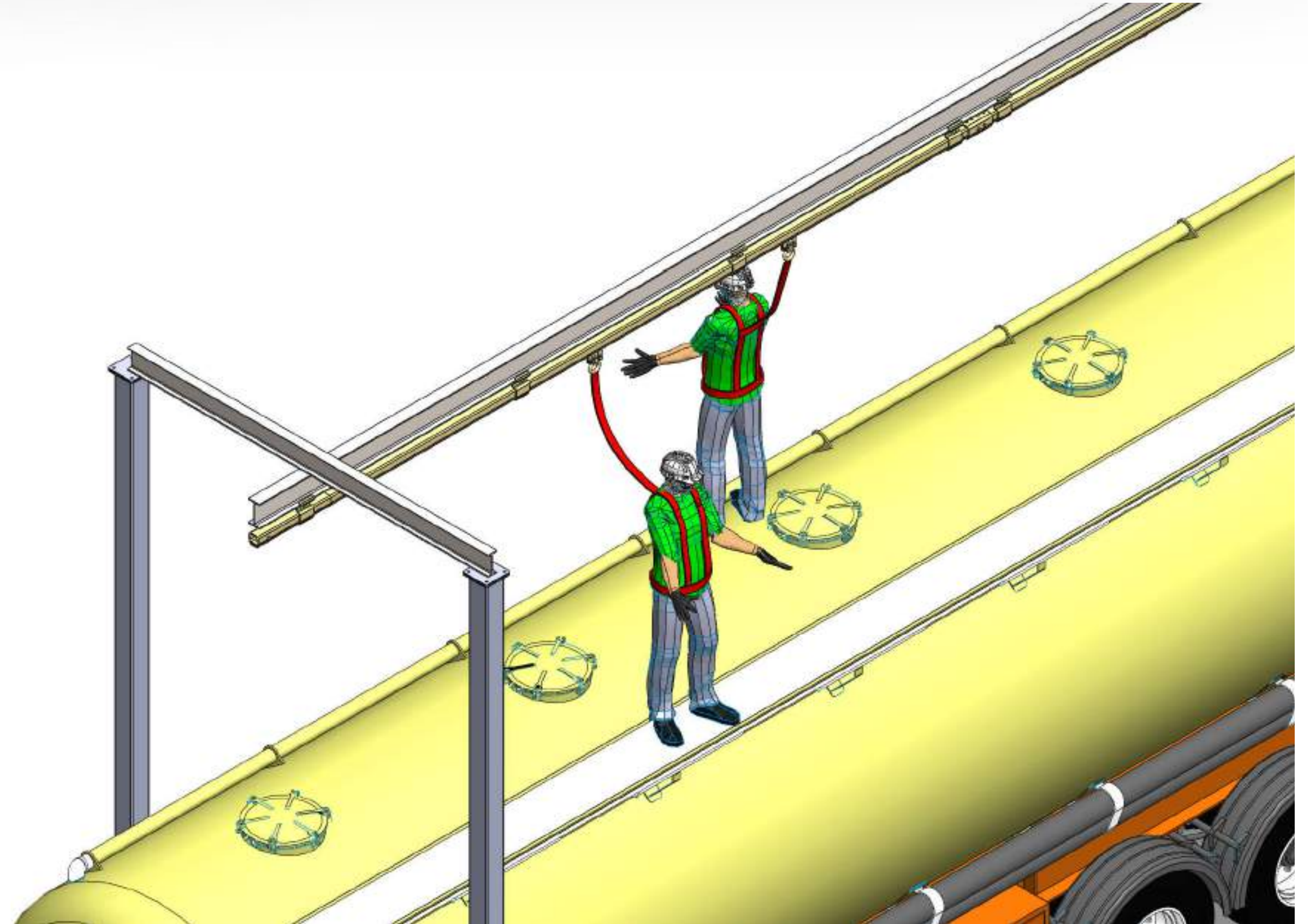
NIKO
CRANE SYSTEMS

Monorails and track bends are available to provide fall protection for people working at height. The tapered edge design of NIKO tracks achieves free running movement and eliminates snag effect for the users.



FREE STANDING TRACK BEND FALL ARREST SYSTEM

With NIKO Fall arrest system solutions, operators can pass each other without detaching themselves from the system.

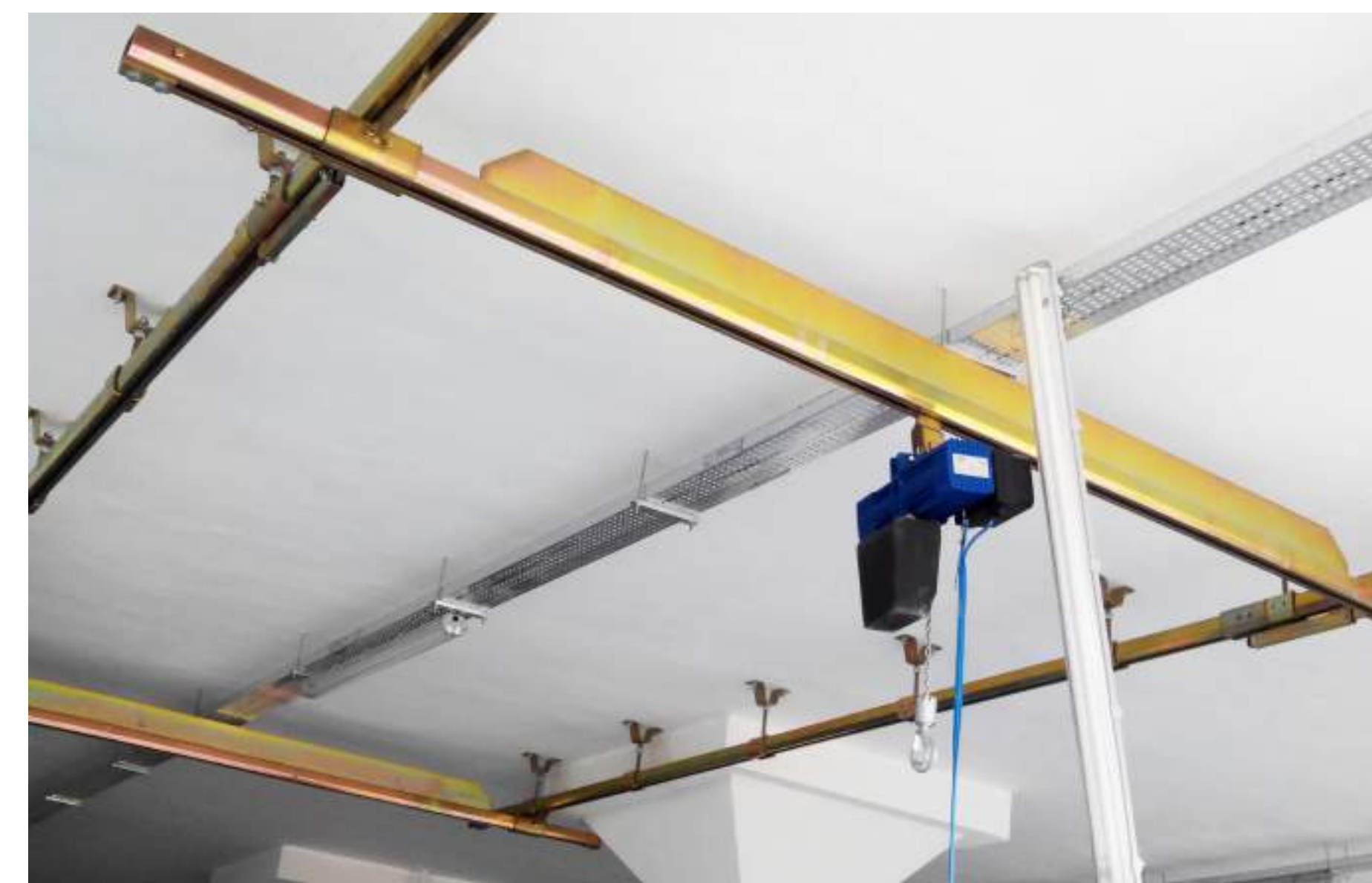
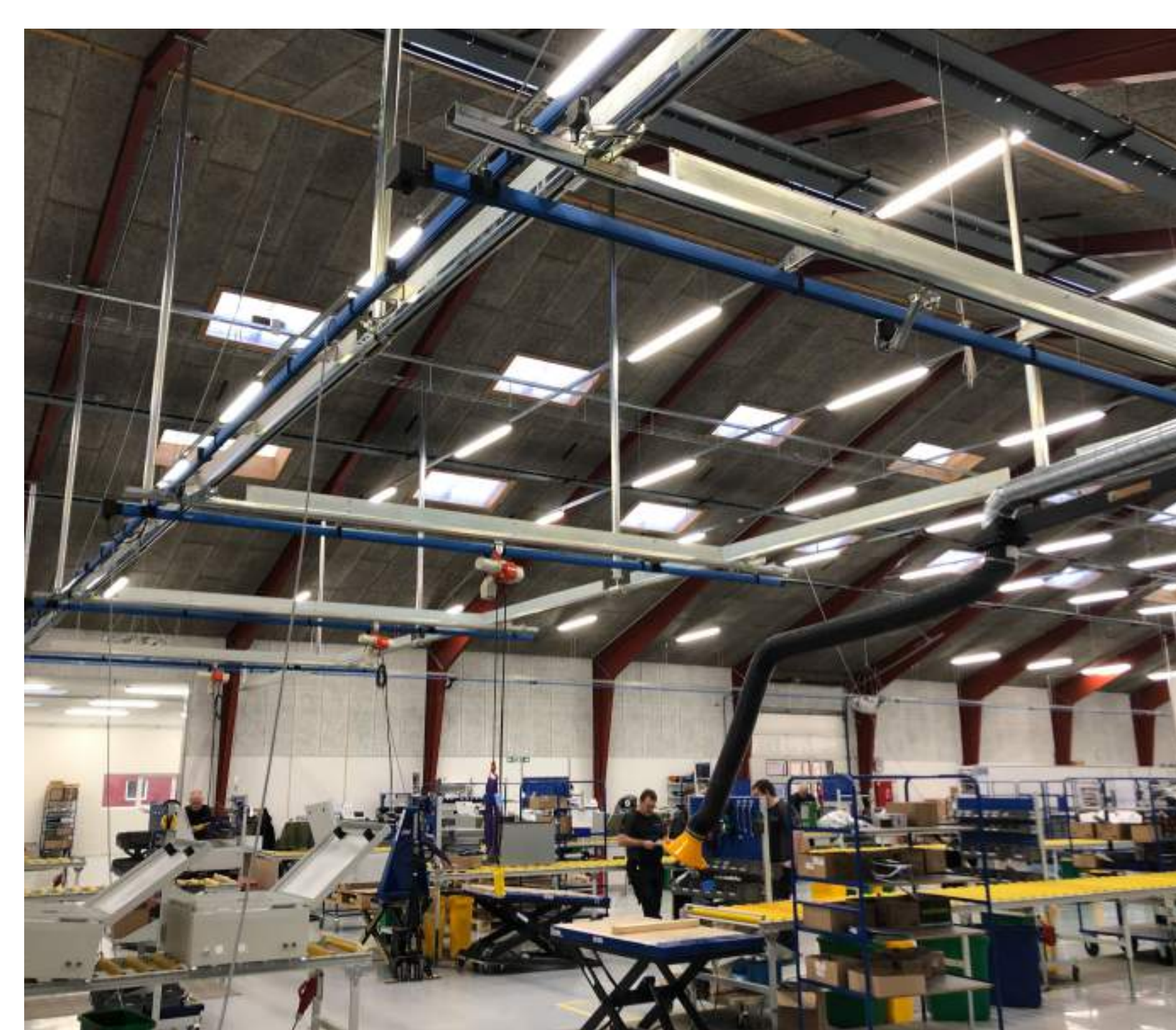


MONORAIL FREESTANDING FALL ARREST SYSTEM

APPLICATIONS &
SOLUTIONS

ceiling mounted cranes

 APPLICATIONS



Every solution provided to our customers is tailored to their requirements and the space restrictions of the working area. The large range of support brackets allows us to offer the most suitable mounting option increasing total value for the client.

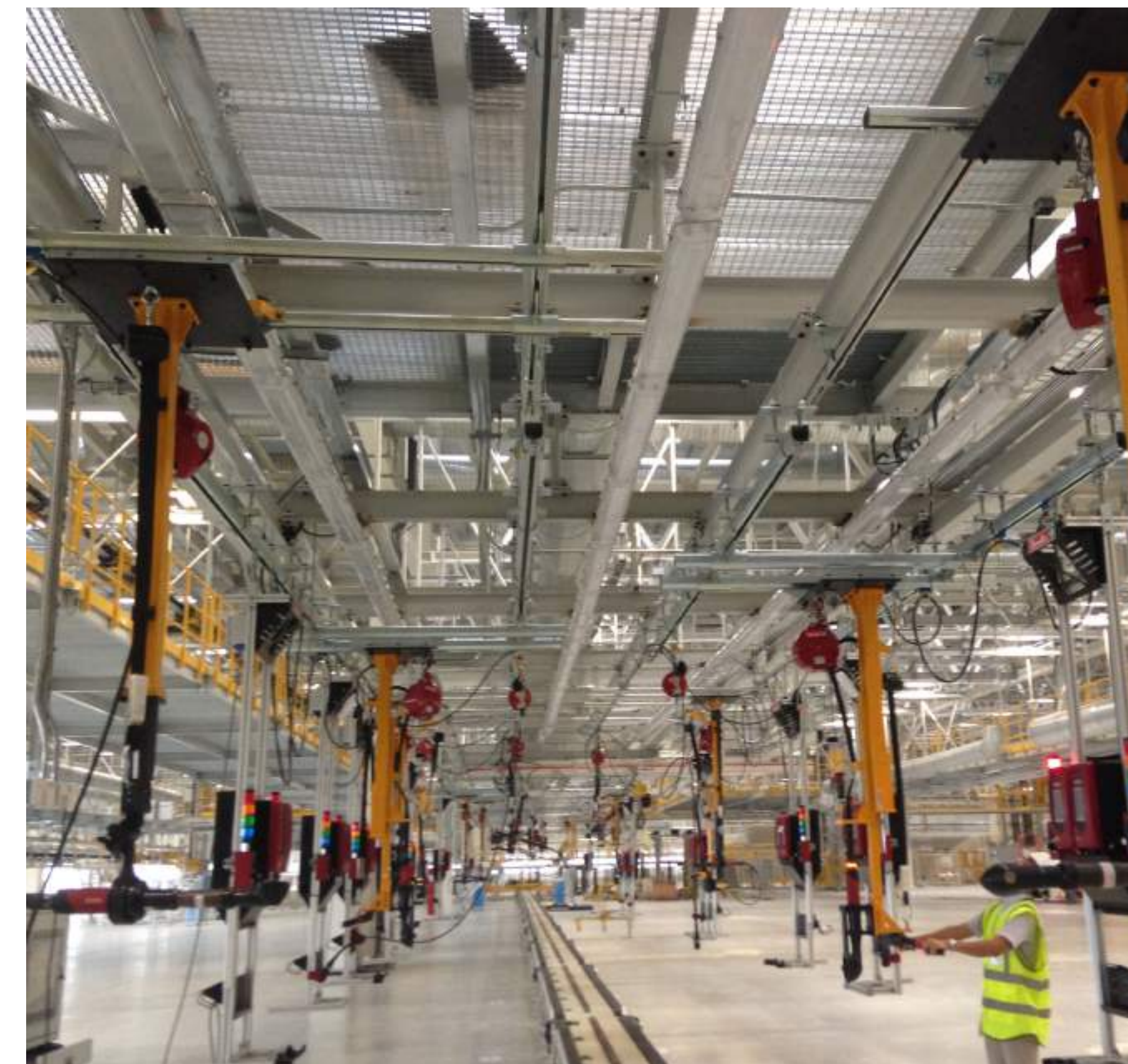
- ✓ Clear working floors
- ✓ Ideal for limited floor spaces with obstacles
- ✓ Standard or non-standard solutions
- ✓ Small NIKO track profile suitable for lower headroom ceilings
- ✓ Easy to install

Tool suspension

APPLICATIONS

NIKO rigid track can be utilised for tools suspension applications like suspending tool balancers, air balancers, hoists or other equipment. NIKO track system has a significant advantage especially in automotive industry, where accurate load positioning is essential.

- ✓ Perfect for automotive applications
- ✓ Your partner in assembly lines
- ✓ Rigid construction system allows for steadier travel of loads
- ✓ Rigid construction system allows for more accurate load positioning
- ✓ With the rigid construction of NIKO track system, the likelihood of crabbing on bridge travel is considerably reduced.





SOLUTIONS FOR DIFFERENT INDUSTRIES

Service & Maintenance

NIKO Fall Arrest system protects people while on the top of trains, trucks, aircrafts, buildings etc. for maintenance and restoration processes.

While dirt and debris are expected to be high in such facilities, the NIKO enclosed profile protects the trolley from this exposition, contributing to the easier system maintenance and longevity improvement.

Key features include no length limit to the distance of NIKO tracks and maximum coverage for easy access to all working areas.

The greater advantage comes with increased safety for the user. The user doesn't have to disconnect from NIKO rigid system like in anchor systems, where the user has to connect and disconnect from the system in order to move to different anchorage points.

Industries:



Aircraft service & maintenance



Train/Coach service and maintenance



Buildings service & maintenance



Ceiling mounted track system positioned above the aircraft to provide workers access to the full length of the airplane.



Freestanding fall arrest track bend system for outdoor service processes in trucks.



Inspection processes in the Danube tower in Vienna. The system was mounted around the building with special support brackets to allow for the free movement all over the working area.



SOLUTIONS FOR DIFFERENT INDUSTRIES

Container/Vehicles handling

What if you have to handle loads inside containers, vehicles, trucks and generally low headroom spaces while keeping employees safe from injuries?

For this type of applications maximum lifting height is mandatory, while the use of telescopic cranes or mono-rails increases working space outside the vehicle/container.

NIKO Crane Systems provide both!



Light crane system installed inside a container



Ultra low headroom crane system with girders (bridges) upraised between the runway tracks

- ✓ Low headroom light crane systems
- ✓ Max Capacity: Up to 2.000kg according to structure.
- ✓ Hoist/load trolley can be protruded/extended outside the working space
- ✓ Easily handled systems
- ✓ Maximized ergonomics
- ✓ Increased productivity & working space
- ✓ Precision in load positioning and lifting/lowering
- ✓ Eliminate work injuries

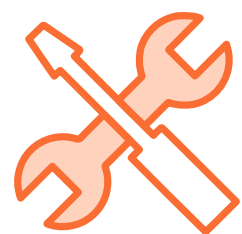
Industries:



General Material handling



Warehouses



Assembly



Containers/vehicles



Low headroom light crane in constrained space room.



Crane installed in container for loading & positioning goods in pallets



SOLUTIONS FOR DIFFERENT INDUSTRIES

Pharmaceutical industry

NIKO Crane systems can provide lifting solutions for special environments, helping in low levels of particle contamination in the working environment of the crane systems.

The systems can also be provided in **Stainless steel 316** for superior corrosion resistance, contributing to the life extension and duration of the cranes.

This results in a profitable solution in long term.

- ✓ Stainless steel 304/316 - Light cranes & Jib cranes
- ✓ Max Capacity: 500kg
- ✓ Suitable for certain clean room specifications
- ✓ Completely motorized with pendant or manual control
- ✓ Stainless steel power driven trolleys
- ✓ 3 different track profiles for loads from 80kg
- ✓ Combination with conductor bars or stainless steel cable trolleys
- ✓ Numerous mounting options

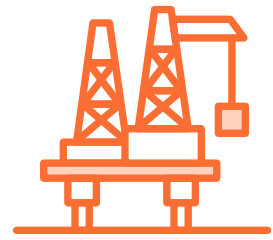
Industries:



Refrigerated goods



Food processing



Off Shore & Marine



Chemicals



Completely motorized overhead stainless steel cranes with upraised double girders and support for conductor bars in pharmaceutical industry.



Stainless steel jib crane mounted on the ceiling.



The trussed/reinforced runway tracks were mounted on steel beams of the existing building construction, at the maximum height possible.



SOLUTIONS FOR DIFFERENT INDUSTRIES

Vacuum devices lifting

We can provide aluminium or steel light cranes and jib cranes that can be combined with vacuum lifting devices in the workplace. Whether handling glass pieces or heavy barrels through vacuum devices, NIKO cranes will help the loads to be handled effortlessly resulting in high levels of productivity.

- ✓ Max Capacity: 2.000kg
- ✓ Safe lifting of heavy workpieces
- ✓ High precision positioning of the vacuum device
- ✓ Very low friction which makes it much easier to push the load
- ✓ Minimum force from the operator is required
- ✓ Can be combined with chain hoists for lifting/lowering of the vacuum device.

Industries:



Logistics



Automotive manufacturing



Chemical processing



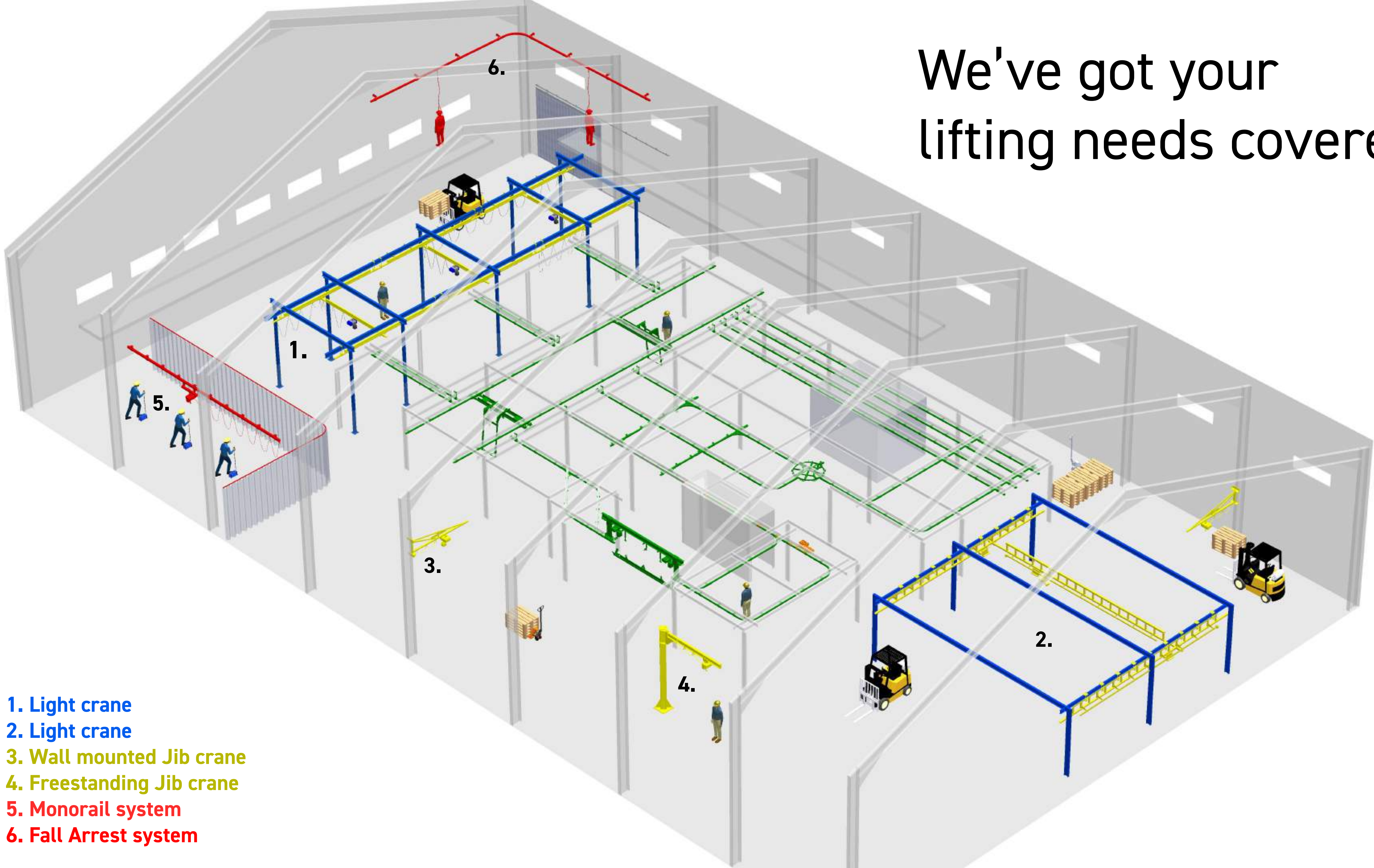
Food processing



Handling of wood, glass and steel



We've got your lifting needs covered!



- 1. Light crane
- 2. Light crane
- 3. Wall mounted Jib crane
- 4. Freestanding Jib crane
- 5. Monorail system
- 6. Fall Arrest system



NIKO product range

Request your pdf Technical catalogue.



OVERHEAD
CONVEYOR SYSTEMS

RESIDENTIAL
DOOR FITTINGS

INDUSTRIAL
DOOR FITTINGS

GATE
DOOR FITTINGS



NIKO Crane Systems

T: 00302741076800

F: 00302741025368

info@nikocranes.com

www.nikocranes.com

AUSTRIA-NIKO Vertriebs GmbH

Hainfelder Straße 48

A - 2560 Berndorf

Tel. 0043 2672-21201

Fax 0043 2672-21201-13

www.niko.world

CHINA-NIKO TRADING (SHANGHAI) Co., Ltd

Room 901-156, No.18

Tianshan Road, Changning District,

P.R.China - 201802 Shanghai

Tel. 0086 134 2785 9785

info.cn@niko.eu.com

GERMANY-NIKO Technik GmbH

Robert-Bosch-Str. 14

DE - 42489 Wülfrath

Tel. 0049 (0) 2058 9093603

www.niko.world

GREECE-Helm Hellas S.A.

82nd Km Athens-Korinthos

P.O. Box 209

GR - 201 00 KORINTHOS

Tel. 0030 27410 76800

www.niko.eu.com

POLAND - NIKO Polska

Skrzynno 192a

Ostrowek 98-311

Tel. +48 504 003 556

info.pl@niko.eu.com

www.niko.world

UNITED KINGDOM-NIKO Ltd

Units 15-21, Insight Park

Welsh Road East, Southam

Warwickshire, CV47 1NE -UK

Tel. 0044 (0) 1926 813111

www.niko.co.uk

NikoTrack/NIKO US

9 Stockholm St,

Newport RI 02840

C: 401-835-8640

Alex.Koza@niko.eu.com

alex@nikotrack.com

www.nikotrack.com

CANADA - NIKO Crane Canada

615, rue du Nickel

Québec (Québec) G2N 0J9

Tel. 418 841.2287

www.smakmanutention.com

USA Light Crane Systems- NIKORAIL

8000 Joliet Rd.

McCook, IL 60525

Toll Free 888.352.1213

Tel. 001 708-352-1213

www.hsicrane.com

NIKO Conveyors

597 Middle Street

Bristol, CT 06010

Tel. 001 860-845-8179

info@NIKOconveyors.com

www.nikocoveyors.com

A company of NIKO Group

