

Overhead Conveyor Systems

www.niko.eu.com

Product Overview

- | Manual Overhead Conveyors
- | Semi-Automatic Overhead Conveyors
- | Special Applications

SCAN ME



NIKO
CONVEYOR SYSTEMS

NIKO, The Manufacturer You Can Rely On

NIKO Group

NIKO is an international, family-founded company with more than 50 years of experience in the design and manufacture of handling and sliding systems. The company's product portfolio spans the full spectrum of **"Quality in motion"**: Sliding door hardware, light crane systems, manual and semi-automatic overhead conveyor systems, personal fall arrest solutions, as well as festoon and power feed systems.

Close to You Worldwide

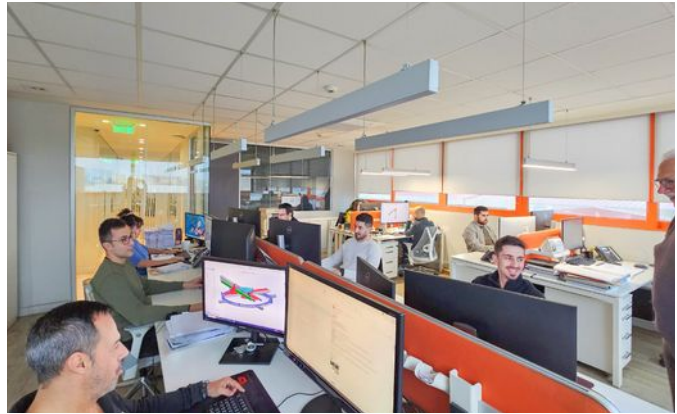
With direct presence in 7 countries and partners in over 60, you benefit from a global network that understands your market's standards and regulations.

NIKO Subsidiaries



We Design With You

Our engineering team works closely with you to design the optimal overhead conveyor layout for each application. From load calculations and 3D layouts to special suspensions and interfaces, we deliver a solution that works from day one.



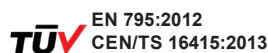
We Manufacture In-House

Driven by the motto “**Design. Manufacture. Market**”, NIKO controls every step from designing and engineering to production, ensuring consistent quality at the right price and the flexibility to respond quickly to special requirements.



Certified Quality & Testing

Operating under ISO 9001 and ISO 14001, we apply strict in-house testing at every stage. The result: systems designed for long service life, safety and stable performance in demanding industrial environments.



Life-Cycle Support

Our sales and technical teams remain at your disposal for fine-tuning, maintenance and future extensions, training and documentation. That means we support you throughout the entire journey.





NIKO Conveyor Systems

NIKO overhead conveyor system provides an economic and flexible solution in conveyor systems for **loads up to 2.000 kg**. The manual operation of our systems can also be combined with our power chain conveyor in order to power segments or the entire conveyor. Versatile and reliable overhead handling can be achieved for a variety of applications using the NIKO modular design. Simple to install and easy to expand or relocate according to future requirements. The robust design of our components and the high standards of manufacturing guarantee long life with little or no maintenance requirements.

Key Characteristics:



5 track profiles for wide range of loads



Modular design allows for extension and relocation



Wide range of mounting options / brackets



Possibility to upgrade existing manual conveyors to power solutions with minimal conversion time



Free running, economical with minimal maintenance



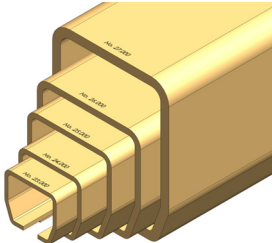
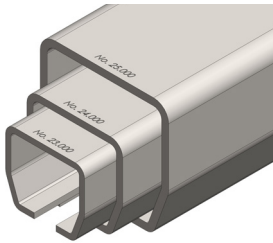
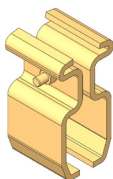
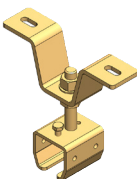
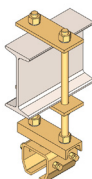
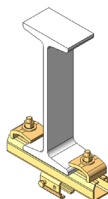
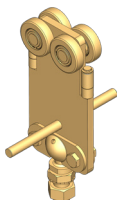
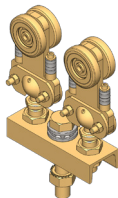
The system can be integrated with NIKO light cranes via interlocks



Key Features of NIKO Overhead Conveyors



- 5 track profiles covering loads up to 2,000 kg.
- Compact enclosed design for smooth running and long service life.
- Stainless steel options (304 / 316) for demanding environments.
- Modular system allowing easy extension, relocation and upgrade to power chain.

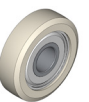
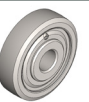
 Track Profile	 5 Track Profiles		 3 Stainless Steel Track Profiles		
 Power Options	 Manual Operation		 Semi-automatic operation		
 Materials	 Steel (zinc plated)		 Stainless (304 and 316)		
Track Profile	23.000	24.000	25.000	26.000	27.000
 Single trolley	up to 40kg	up to 80kg	up to 200kg	up to 400kg	up to 800kg
 Flight bar	up to 80kg	up to 160kg	up to 400kg	up to 800kg	up to 2000kg
Typical Supports	    * A wide range of Supports available in the technical catalogue				
Typical Trolleys	    * A wide range of Trolleys available in the technical catalogue				

Operating Temperatures & Environmental Suitability



NIKO overhead conveyor systems are designed for high performance across demanding temperature and sensitive environments, from deep freeze logistics to high heat production lines.

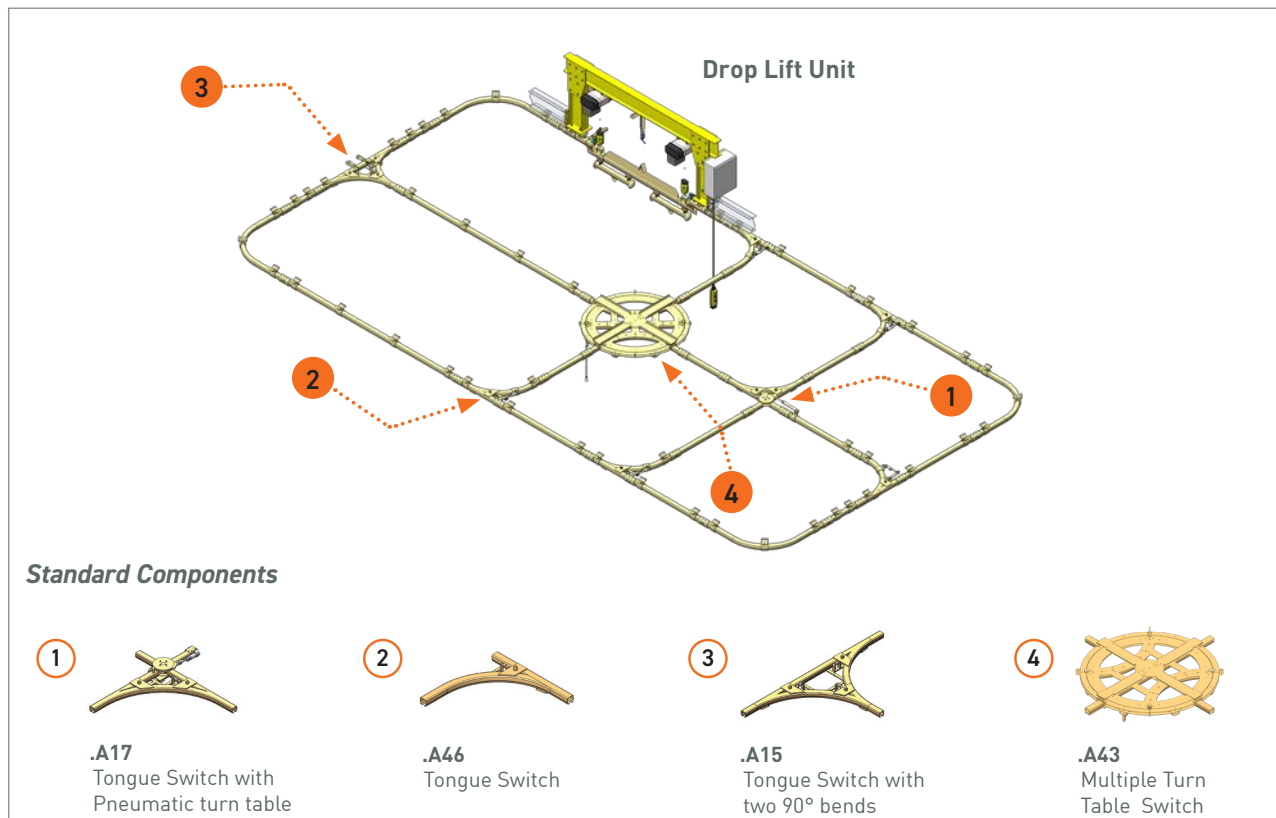
To meet a wide range of industrial requirements, we offer specialized bearing configurations tailored to temperature, chemical exposure, and load conditions.

3D	Bearing Type	Operating Temperature Range	Special Use Case
	Standard Bearings	-20°C to +80°C	General industrial use
	Low Temperature Bearings (Food Grade Grease)	-45°C to +120°C	Cold storage, food processing
	High Temperature Bearings	-20°C to +260°C	Curing ovens, paint booths
	Heavy Duty Polyamide Bearings		Low Friction
	Stainless Steel Bearings	-20°C to +80°C	Hygienic or corrosive environments
	Phosphor Bronze Bearings		Spark Proof

- Painting booths, curing ovens, drying tunnels
- Cold chain logistics & food Industry
- Enviroments with ammonia exposure (stable etc)
- Pharmaceutical rooms
- Heavy-duty overhead lines

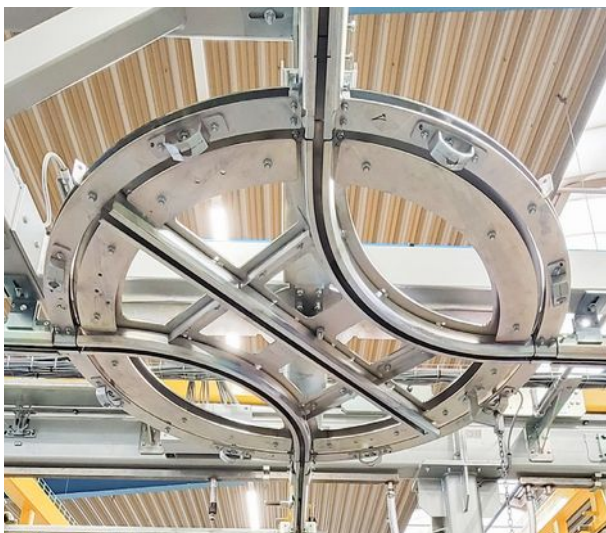
All systems are compatible with custom configured bearings and stainless steel components (304/316), ensuring long lasting performance under challenging temperature and environmental conditions.

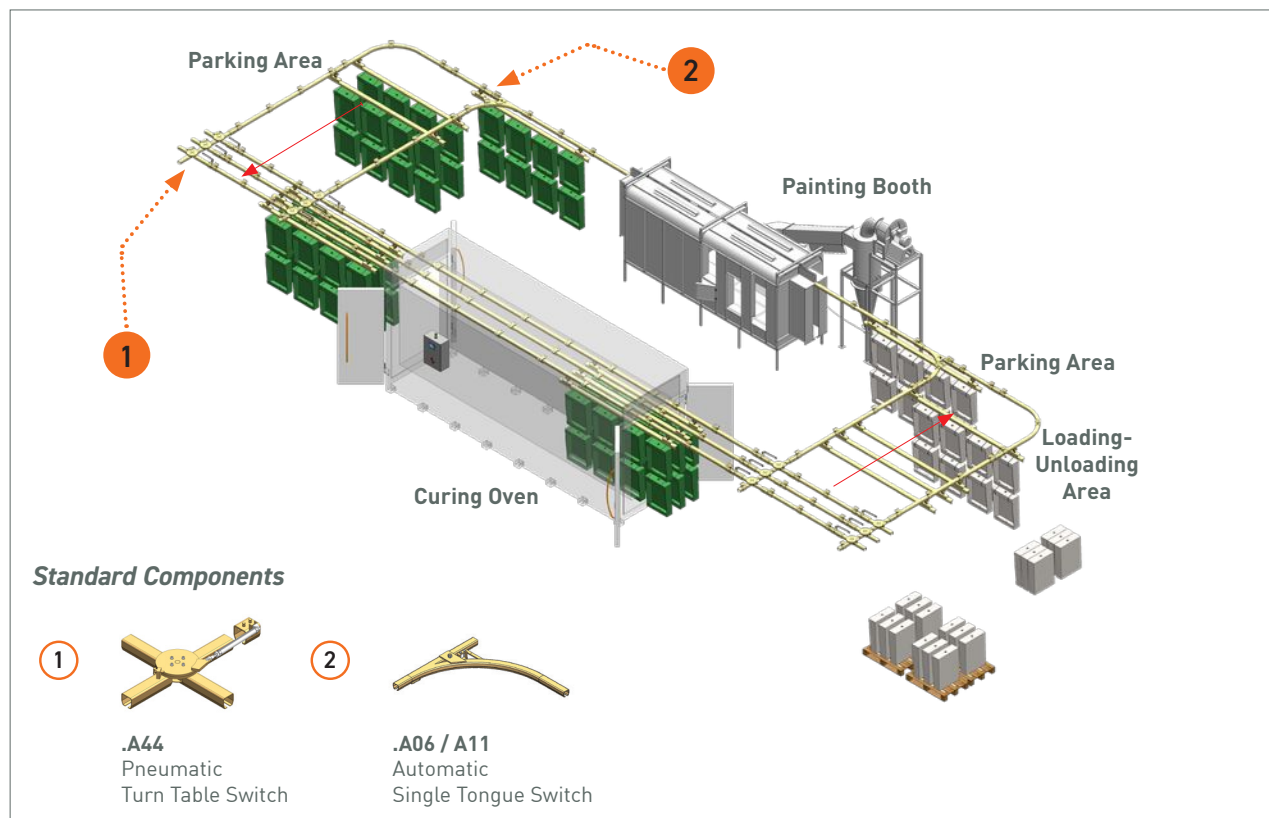
Let our engineers assist you in selecting the best combination of materials for your application's temperature and operational requirements.



Manual Overhead Conveyor with Multiple Turn Table Switch

- ✓ **High load capacity:**
Supports weights up to 2.000 kg, ideal for demanding industrial applications.
- ✓ **Multidirectional travel of the loads**
Change the direction of the load easily even in complex layouts.
- ✓ **Cost-efficient choice:**
Offers a low investment solution without compromising on reliability or performance.
- ✓ **Flexible & modular:**
Easily expandable or relocatable to adapt to layout changes or production growth.

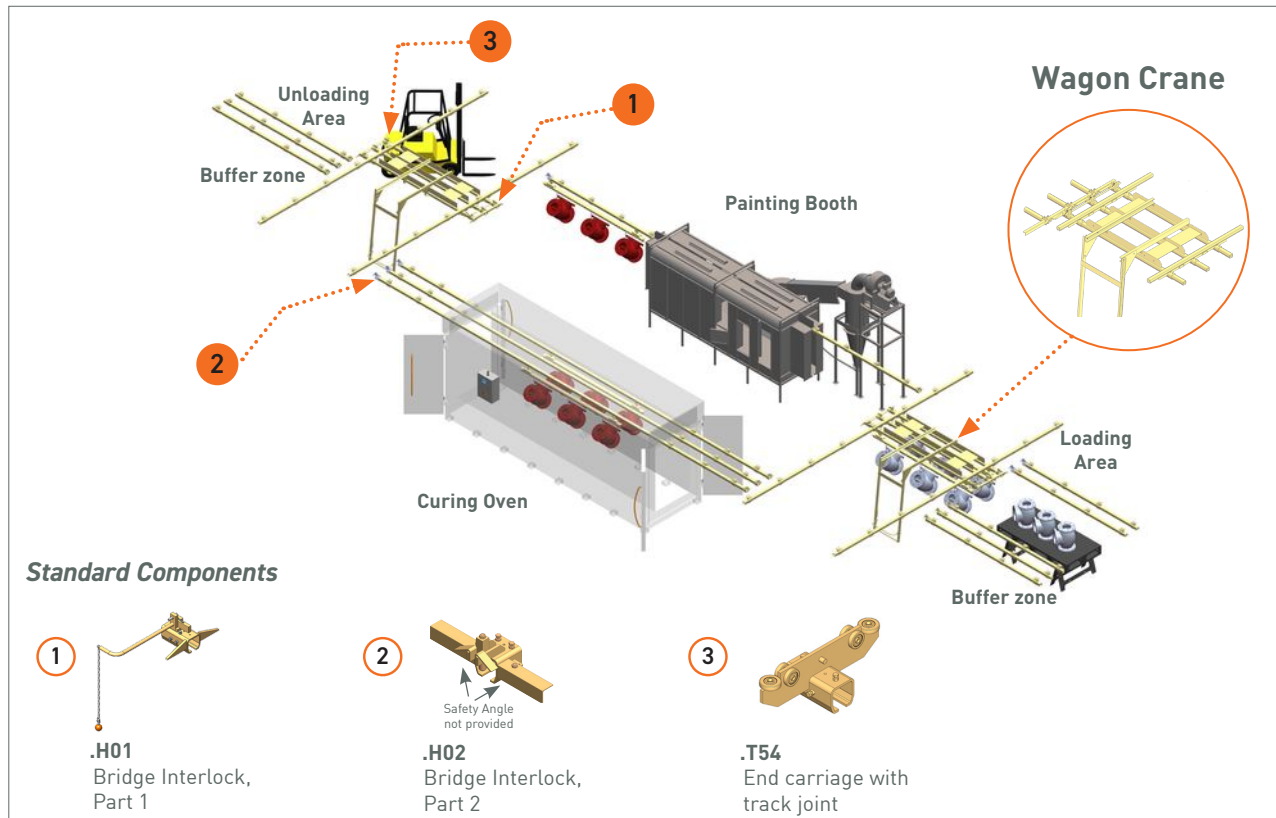




Manual Overhead Conveyor with Pneumatic Turntables

- ✓ **Compact Footprint:**
Requires minimal space thanks to the use of pneumatic turntables, ideal for confined layouts.
- ✓ **Optimized Oven Integration:**
Ensures maximum space efficiency inside curing or painting ovens.
- ✓ **Cost-Effective Solution:**
A practical, value for money option with dependable performance and low complexity.
- ✓ **Upgrade Ready:**
Easily expandable or relocatable to adapt to layout changes or production growth.





Manual Overhead Conveyor with Crane Wagon

✓ Ergonomically Designed Batch Shuttle:

Engineered to ensure maximum comfort and ease of use for operators during load handling.

✓ Effortless Load Movement:

Enables easy pushing and pulling, reducing physical strain and improving handling efficiency.

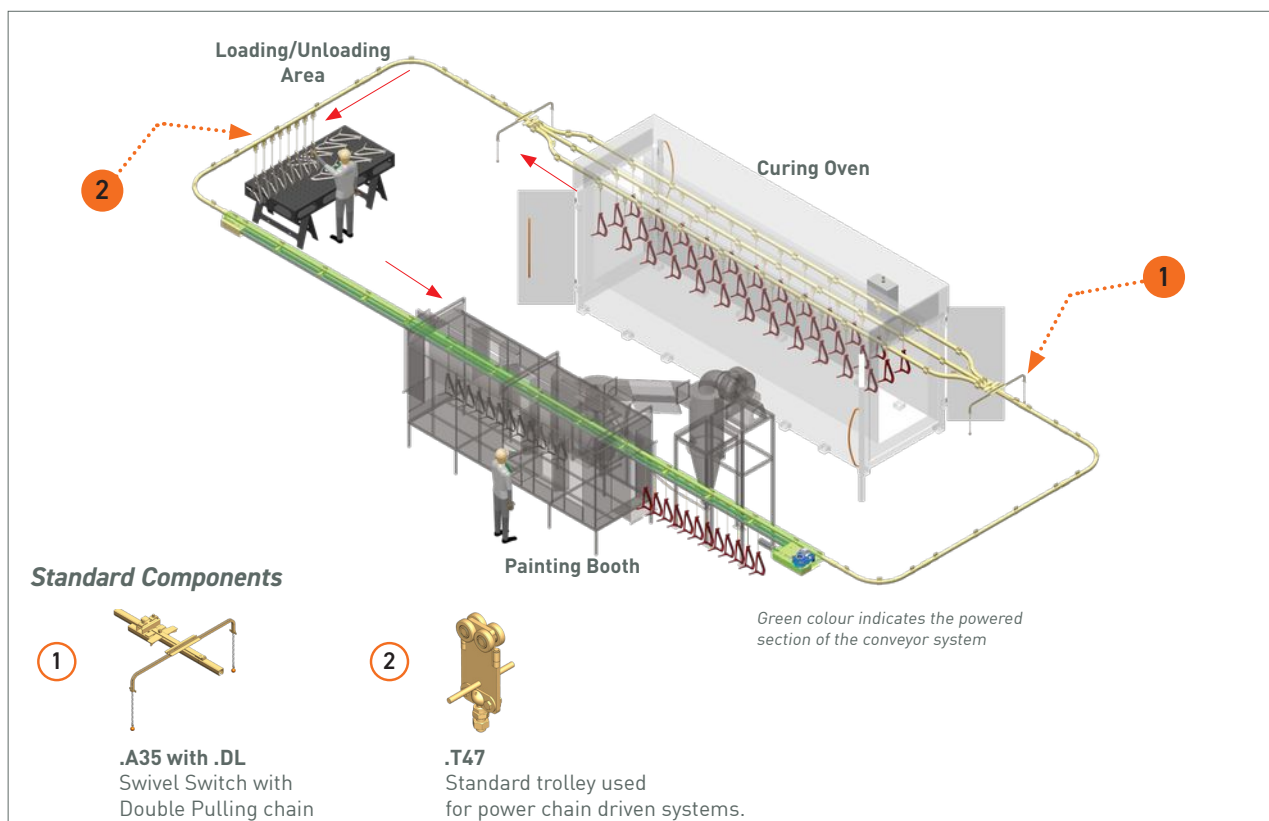
✓ Low Cost Solution:

An affordable option that offers reliable performance with minimal investment.

✓ Modular Design for Expansion:

Allows for easy extension or relocation, making the system adaptable to future layout changes.





Semi Automatic Overhead Conveyor with Powered section and Swivel Switches

✓ High Productivity with Semi Automatic section:

Movement is powered through a NIKO chain system, enabling smooth transfer through painting booths.

✓ Optimized Oven Space Utilization:

Achieved through the use of mechanically operated switches, ensuring efficient product flow and layout organization.

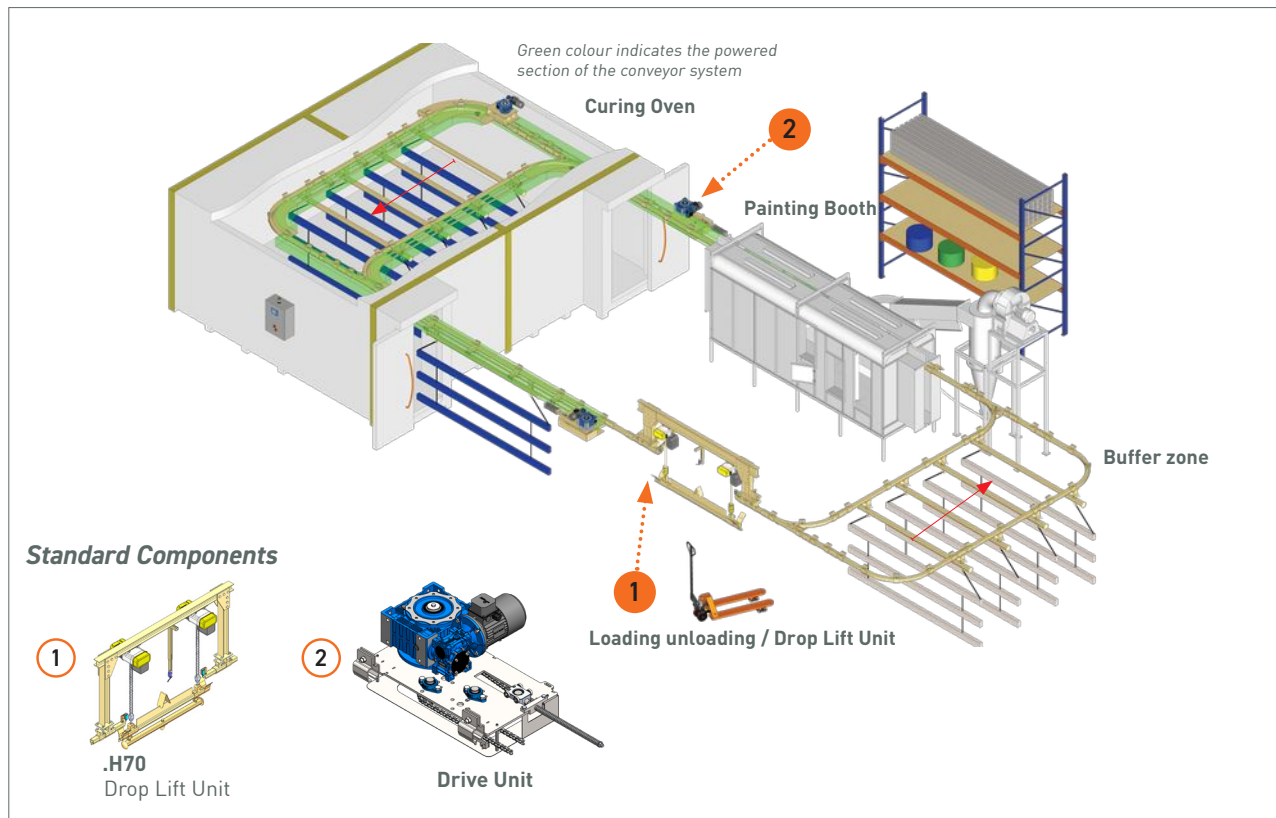
✓ Cost-Efficient Alternative:

A significantly more economical solution than fully automated systems, with solid performance.

✓ Advanced Control Options:

Compatible with inverter allowing precise system management and integration.

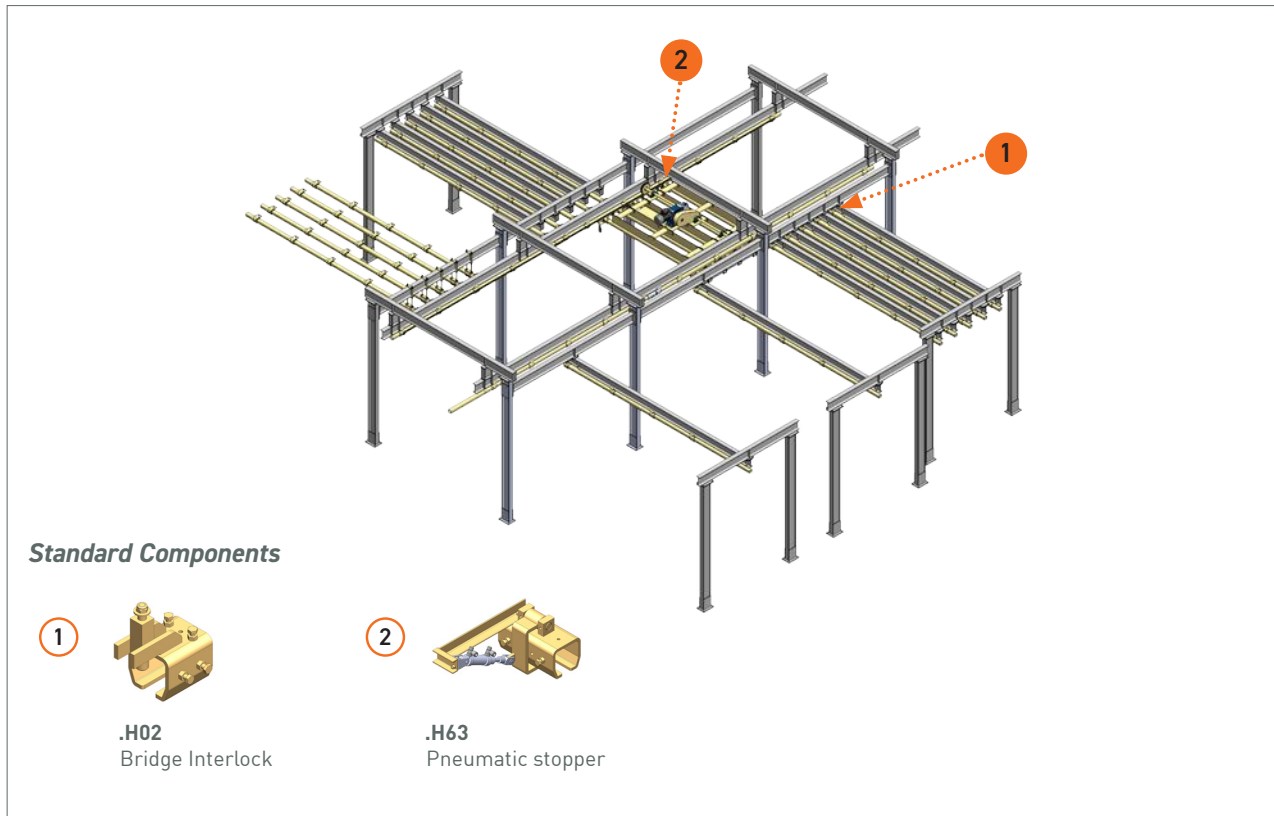




Semi Automatic Overhead Conveyor with Powered section and Drop Lift Unit

- ✓ **Integrated Power Chain Conveyor:**
Installed inside the curing oven for continuous and reliable product flow during processing.
- ✓ **Cost-Efficient Alternative:**
A significantly more economical solution than fully automated systems, with solid performance.
- ✓ **Optimized Oven Utilization:**
Flight bar stacking ensures maximum use of internal oven space, boosting efficiency.
- ✓ **Automated Product Handling:**
Drop lift units enable raising and lowering of products, reducing manual labor.





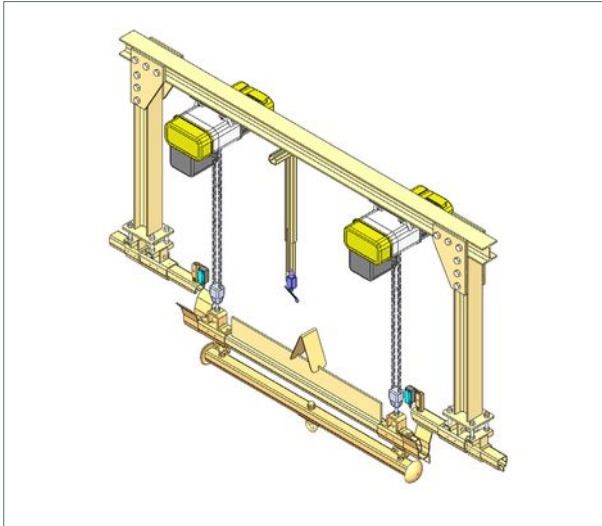
Semi Automatic Overhead Conveyor with Electric Crane Wagon

- ✓ **High Load Capacity:**
Designed to carry heavier loads with reliability.
- ✓ **High productivity achieved through motorized movement**
- ✓ **Efficiency & Cost Reduction:**
High speed procedures while reducing personnel costs.
- ✓ **Compact & Robust Design:**
Durable construction, ideal for restricted areas.



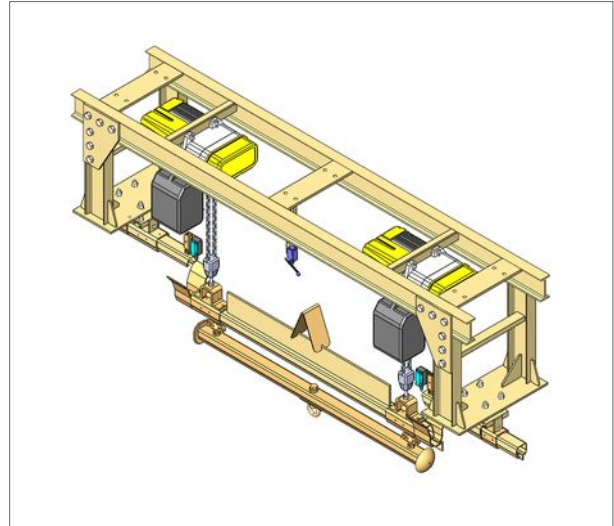
NIKO Drop Lift Units

Standard Drop Lift Unit



Ready-to-install unit for vertical transport of goods within conveyor systems

Low Headroom Drop Lift Unit



Engineered for spaces with limited overhead clearance

Key Features

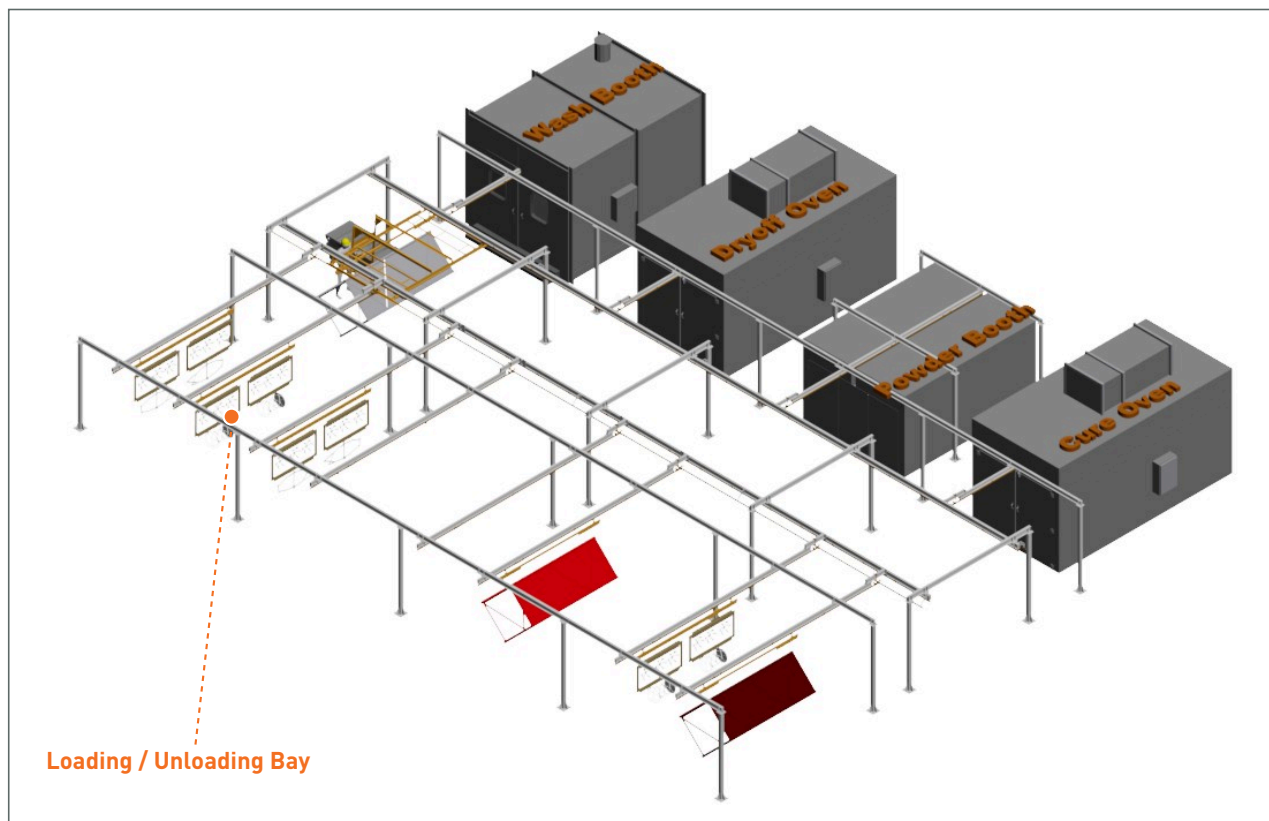
- ✓ Complete safety-compliant kit
- ✓ Handling of goods only – part of conveyor system
- ✓ Mechanical & pneumatic end-stop devices , blocking the entering / exiting points
- ✓ Safety angles for positioning & securing load trolleys on the moving sections





Independent flight bar movement. Nothing waits.

Carts in the aisles. Ovens standing idle. One slow job holding up the rest. A **NIKO Manual Overhead Conveyor** links your loading bay to Wash, Dry-Off, Powder and Cure – and every flight bar travels on its own. Skip a stage or repeat one. The rest keep moving.



Four steps, one loop

- 1 Load**
Hang and mask parts in a clean bay, clear of wash spray, overspray and oven heat.
- 2 Shuttle**
Roll each bar by hand to whichever station is free. No fixed pitch, no line speed.
- 3 Wash to cure**
Wash one bar, dry another, coat a third, cure a fourth – all at the same time.
- 4 Unload**
Cured parts cool on the track, then roll back to the bay as fresh loads head out.

Put your ovens to work.

Send us your largest part, cure times and floor plan. We'll design the shuttle around them.

What you gain

- ✓ **Your cure, your timing**
Give heavy parts a longer cure while the other stations keep working.
- ✓ **Ovens earn their keep**
Booths and ovens stay loaded, so more parts get through every shift.
- ✓ **Any part, any colour**
Big or small, one colour or ten – no fixed pitch to work around.
- ✓ **Fits the floor you have**
Modular track built around your layout – easy to extend or relocate.
- ✓ **Easy on your team**
Hang parts once – no re-racking. Bridge interlocks keep transfers safe.
- ✓ **Start manual, go powered**
Loads up to 2,000 kg. Add stations or powered sections as you grow.

USA

NikoTrack/Niko US

859 Wapping Road
Portsmouth, RI 02871

☎ 401-835-8640

✉ info@nikotrack.com

🌐 nikotrack.com

EUROPE

AUSTRIA

NIKO Vertriebs GmbH
Hainfelder Straße 48
A – 2560 Berndorf

☎ 0043 (0) 2672 21201

☎ 0043 (0) 2672-21201-13

✉ office.at@niko.eu.com

🌐 niko.world

GERMANY

NIKO Technik GmbH
Borsigstr. 17d
DE – 42551 Velbert

☎ 0049 (0) 2051 4949320

☎ 0049 (0) 2058 9093604

✉ office.de@niko.eu.com

🌐 niko.world

GREECE

Helm Hellas S.A.
82nd Km Athens-Korinthos
P.O. Box 209
GR – 201 00 KORINTHOS

☎ 0030 27410 76800

☎ 0030 27410 25368

✉ info@niko.eu.com

🌐 niko.eu.com

POLAND

NIKO Polska
Skrzynno 192a
Ostrowek 98-311

☎ +48 504 003 556

✉ info.pl@niko.eu.com

🌐 niko.world

UNITED KINGDOM

NIKO Ltd
Airfield Park Business Park
Welsh Road East, Southam
Warwickshire, CV47 1NE

☎ 0044 (0) 1926 813111

☎ 0044 (0) 1926 815599

✉ Sales@niko.co.uk

🌐 niko.co.uk

NIKO

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Request the Technical Catalogue for more information

info@niko.eu.com | www.niko.eu.com