

Durability & performance in clean lifting



Clean, versatile and easy to use

At Konecranes, we design workstation lifting equipment that can easily adapt to changing processes and to your specific production requirements and operating environment.

The unique characteristics of the Konecranes belt hoist make it suitable for a variety of industries and applications. It's easy to install on different types of lifting systems such as overhead traveling cranes, Konecranes KBK workstation lifting systems, jib cranes, monorails or even in stationery applications.

When cleanliness is key

The Konecranes belt hoist is ideal for clean production environments or in workspaces that must be properly clean and hygienic, such as:

- Food industry
- Pharmaceutical industry
- Optical industry
- Automotive industry and electric vehicles
- Electrical manufacturing and battery production
- Technical cleanliness according ISO 16232 (VDA 19)
- Cleanroom according ISO14644-1 and -14

Our commitment to industry standards

Technical cleanliness is crucial in various industries, such as electrical manufacturing and automotive production, where the contamination risks of sensitive components need to be minimized. The Konecranes belt hoist 2 holds Cleanroom Class 7 certification by the Fraunhofer Institute, according to cleanroom standards ISO14644-1 and -14.



Safe and precise lifting for clean environments

The Konecranes belt hoist is an excellent choice for applications that need to avoid the possibility of lubrication or metal particles entering the environment. With easy installation, use and maintenance, the Konecranes belt hoist offers you safety and precision crucial for clean environments.

Clean lifting without compromise

The belt hoist is delivered with a white Dyneema® belt that offers you the highest UV and chemical resistance. The clean white color suits well to any working environment where it is essential to recognize dirt on the belt to ensure hygienic operation. And the hoist has as standard high-strength polyamide guiding pulleys that are fully corrosion-free.

The lubrication-free belt means you don't have to worry about oil or grease contamination. Its resistance to aggressive environments, including acids, bases, mineral salts, solvents and oil—helps protect the quality of your products and processes. Also, materials like abrasive dust, flour or powder won't stick or cause wear.

Integrated safety features

The belt hoist maximizes safety wherever you use. It has water and dust protection according to IP66 for the motor, IP65 for the pendant and IP55 or IP66 for the hoist control panel, an electrically isolated hook block, self-adjusting brake and a geared limit switch for upper and lower hook position. The hoisting motor thermal protection and overload device protect both your equipment and operators from potential hazards associated with overheating and overloading.

Compact and easy to use

- Available in two frame sizes: BH2 from 125 kg up to 2 tons and BH5 up to 6.3 tons
- Low headroom design and small hook approach maximize available working space
- Wide speed range gives you accuracy in slow motions and process efficiency in high speed
- Intuitive pendant for ergonomic load handling
- Quick installation on different applications with multiple suspension options

Designed for safety

- Belt resistant to acids, bases, mineral salts, solvents and oil
- High-strength polyamide pulleys
- IP55 or IP66 water and dust shielding
- Motor overheating protection
- Electrically isolated steel or stainless steel hook block
- Geared limit switch for upper and lower hook position, optional additional hook operated limit switch
- Overload device for cut-off in case of overload

Easy to maintain and clean

- No lubrication of belt required
- Motors with closed brake design, maintenance free
- Simple design speeds up servicing and minimizes downtime
- Easy to clean, even with pressure washer

Versatile hoist configurations



The **stationery** hoist is ideal for applications where no horizontal travel is needed.



The **normal headroom** hoist is an ideal solution when every centimeter of lifting height is critical.



The **articulated** hoist with manual or motorized operation is designed for smooth movements along curved tracks. (Only available for BH5)



The **Konecranes KBK II** hoist is ideal for workspace solutions with light lifting cranes such as jib cranes, suspended Konecranes KBK steel and aluminum workstation cranes and monorails. (Only available for BH2)

KONECRANES BELT HOIST



Konecranes is a global leader in material handling solutions, serving a broad range of customers across multiple industries. We consistently set the industry benchmark, from everyday improvements to the breakthroughs at moments that matter most, because we know we can always find a safer, more productive and sustainable way. That's why, with around 16,500 professionals in over 50 countries, Konecranes is trusted every day to lift, handle and move what the world needs. In 2024, Group sales totaled EUR 4.2 billion. Konecranes shares are listed on Nasdaq Helsinki (symbol: KCR).

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