

# 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 stationary 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:

- Abrasive dust, powder or flour, big-bag handling
- 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



# 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.

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.

Belt hoist up to 2 tons is delivered as standard with black polyester belt and polyamide guiding pulleys to offer a good resistance against UV radiation and light chemicals.

Belt hoist up to 5 tons is delivered with white Dyneema® belt and stainless steel pulleys to provide higher strength and the highest UV and chemical resistance. The clean white color suits well to any working environments where it is essential to recognize dirt on the belt to ensure hygienic operation.

With easy installation, use and maintenance, the Konecranes belt hoist offers you the safety and precision crucial for clean environments.

## Compact and easy to use

- Available in two frame sizes: BH2 up to 2 tons and BH5 up to 5 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 water and dust shielding
- Motor overheating protection
- Electrically isolated steel or stainless steel hook block

## Easy to maintain and clean

- No lubrication required
- Electromagnetic, self-adjusting brake requires less maintenance
- Simple design speeds up servicing and minimizes downtime
- Easy to clean with pressure washer

## Versatile hoist configurations



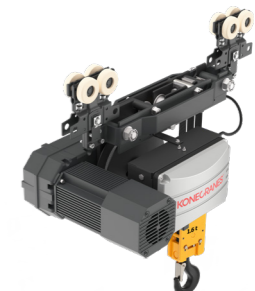
The **fixed trolley** is ideal for applications where no horizontal travel is needed.



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



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



The **Konecranes KBK II trolley** 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)

We design our products with their complete lifecycle in mind. Ergonomics, safety, eco-efficiency and durability are all top priorities. The aim is to ensure the comfort and well-being of your operators while maximizing quality, performance and lifecycle value. We also provide industry-leading lifecycle services for all types and makes of industrial cranes and hoists to help improve the safety, productivity and sustainability of your operations.





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 16,600 professionals in over 50 countries, Konecranes is trusted every day to lift, handle and move what the world needs. In 2022, Group sales totaled EUR 3.4 billion. Konecranes shares are listed on Nasdaq Helsinki (symbol: KCR).

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