

PRESS RELEASE

July 2024

Explosion proof lifting for hazardous environments

Lifting equipment specialist, Konecranes, has launched its range of EX C-series electric chain hoists, engineered for explosion proof lifting in hazardous environments. The models are suitable for a wide range of industrial applications where gases, flammable substances, dust and other ignition sources create the potential for explosions. The EX C-series electric chain hoist has been designed and tested specifically to fulfil ATEX and IECEx requirements for use in Zone 1, 2 and 21 explosive environments.

EX C hoists offer inherently safe workplace operation. In addition to their explosion proof characteristics the models feature a slipping clutch which activates automatically providing protection in the event of an overload. They also incorporate a travelling limit switch and geared hoisting switch. Ingress protection is rated at IP66.

Ergonomics, operational efficiency, versatility and ease of use have been the driving factors in the development of the hoists. The compact design and low headroom allow maximum use of available workspace. Inverter controlled trolley movement and 2-step hoisting facilitate smooth and accurate load handling with a lifting ratio of 6:1 for operational efficiency. EX C models are available with SWLs from 320 kg to 2,500 kg. As standard the ambient operating temperature is +5° C to +40° C with -20° C to +55° C available to order. A comprehensive range of options and accessories may be supplied allowing hoists to be tailored to specific applications.

Smart engineering techniques have been employed in the manufacture of the EX C-series with the use of Konecranes 'Core of Lifting' components, including a purpose-built motor, gearbox and controls. The hoisting brake is designed for lifetime operation with two friction linings and no need to adjust the brake gap. The chain is available in a galvanised (DAT) or

KONECRANES

stainless steel. The robust and durable hoists provide reliable performance over extended periods, ensuring maximum operational availability, reduced maintenance requirements and extended life cycle.

EX C-series hoists are fully compatible with the company's on-line customer portal, yourKONECRANES, facilitating prompt and easy access to comprehensive intelligence on performance, maintenance history, asset condition, usage data and agreement details. Information is updated in real time during service visits by IT enabled technicians, providing customers prompt access to the latest and most comprehensive data, reports and recommendations.

Konecranes' Customer Experience Manager, James Bow, stated:

"The fact that the EX C-series is certified for use in Zone 1, 2 and 21 explosive environments means that they are a versatile material handling solution for a wide range of industrial and manufacturing applications. The models are an important addition to our comprehensive portfolio of explosion proof lifting equipment. We are well placed to provide cranes that meet the requirements of customers in a broad variety of hazardous environments, including chemical, pharmaceutical, oil and gas, wastewater treatment and process industries."

Photograph and caption:

Image: PR KC334 EX C Hoist Image.png (attached), with the caption:
Konecranes has launched its range of EX C-Series chain hoists for explosion proof lifting in hazardous environments.

For all media enquiries, contact:

Laurie Nicholls, Lansdown Publicity
Tel: 01242 863791 • Mobile: 07801 338938
Email: laurie@lansdownpublicity.com

Konecranes contact details:

Konecranes Demag UK Ltd
Beaumont Road • Banbury • OX16 1QZ
Tel: 01295 676100
Email: sales.uk@konecranes.com • Website: www.konecranes.co.uk

KONECRANES

Note to editors:

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 2023, Group sales totalled EUR 4.0 billion. Konecranes shares are listed on Nasdaq Helsinki (symbol: KCR).