

INDUSTRIAL CRANES

- NUCLEAR CRANES
- PORT CRANES
- HEAVY-DUTY LIFT TRUCKS
- SERVICE
- MACHINE TOOL SERVICE

EXN ELECTRIC CHAIN HOISTS

KONECRANES[®]
Lifting Businesses™

**EXN Electric Chain Hoists
FOR ZONE 22 DUST HAZARD
ENVIRONMENTS**





KONECRANES PRODUCTS FOR HAZARDOUS ENVIRONMENTS

In developing the product range for hazardous environments, Konecranes utilized its vast experience in such applications as well as its extensive resources and innovation in crane and component technology. This has resulted in the most competitive and comprehensive range of cranes and components for hazardous environments.

The range includes industrial cranes, jib cranes and manual cranes as well as electric and manual hoists with lifting capacities from 125 kg to 100 tons. All the components are designed and manufactured to ensure high level of safety with hazardous atmospheres in chemical and petrochemical plants, oil refineries, gas power plants, wastewater treatment plants, paint shops and other industrial sites.

Safety comes first – regulations and standards

Konecranes has designed its cranes and components to comply with the ATEX directives adopted by the European Union on July 1, 2003. Konecranes products also comply with European standards for hazardous atmospheres, including EN 60079-0/-1/-7/-11/-15. Components are type tested by approved independent Notified Bodies and all products are provided with CE marking and documentation.

EXN Electric Chain hoist for Zone 22 Dust Hazard Environments

Konecranes' EXN electric chain hoist family for Zone 22 dust hazard environments is designed to meet the requirements of the user's application. The EXN hoist is available in hook-suspended, push- and motorized-trolley versions. A special low-headroom trolley for Supersack handling is also available.

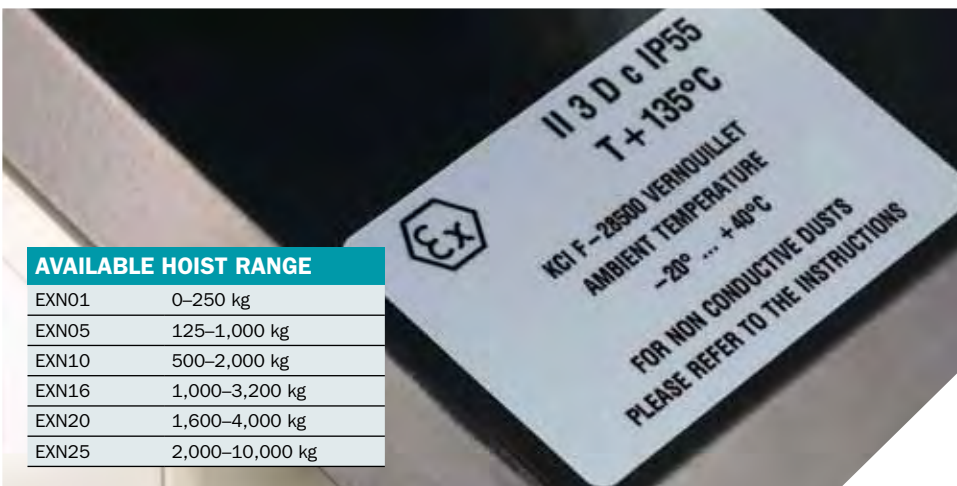
Benefits from standard features:

- > Ex marking: Ex II 3 D IP55 T+135°C for non-conductive dust
- > Reliable 48V contactor controls
- > Two-speed hoisting movements for easy and accurate load handling
- > Guaranteed safety with temperature-controlled hoisting and travel motors and mechanical torque limiter-type overload control
- > Chain collector bag
- > IP55 protection class (EN60529)



DID YOU KNOW THIS ABOUT ZONE 22?

Zone 22 is a place in which an explosive atmosphere in the form of a cloud of combustible dust in air is not likely to occur in normal operation, but if it does occur, will persist for a short period only.



AVAILABLE HOIST RANGE

EXN01	0–250 kg
EXN05	125–1,000 kg
EXN10	500–2,000 kg
EXN16	1,000–3,200 kg
EXN20	1,600–4,000 kg
EXN25	2,000–10,000 kg