

# Explosion Proof Hoists

Design • Manufacture • Install



**J. BARNESLEY**  
**Cranes Limited**



**J. BARNESLEY**  
**Cranes Limited**

## Explosion-Proof Electric Wire Rope Hoist

J.Barnsley Cranes range of wire rope hoists are available as a modular system in various ratings from 0.5Te to 25Te. 6 frame sizes and 26 S.W.L. variations permit practically unlimited adaptability to all customer-specific applications. In addition they have low headroom and short approach dimensions for optimum utilisation of available space.

**Facts about the Hoist:**

- Two hoisting and travel speeds as standard
- Powerful and robust hoist motor with continuous performance and high duty cycle
- Emergency hoist limit for top and bottom hook position as standard
- Gear with lifetime lubrication
- Enclosed cast metal rope guide
- Sliding rotor with integrated conical disc brake
- Components approved by UL

The EX wire rope hoist is suitable for use in **Zone 1** areas (Ex de IIB T4) and **Zone 2** areas (Ex denA IIB T3) meeting the requirements laid down by ATEX. The capacities range from 0.5Te to 25Te S.W.L.

J.Barnsley Cranes use this hoist for lower duty applications on overhead cranes, goliath cranes, jib cranes and monorail applications. Commonly served industries include the oil, gas, power generation, water treatment, pharmaceutical and chemical industries worldwide.





Safe Area Heavy Duty Electric Wire Rope Hoist

**Facts:**

- Two designs for load capacities upto 125,000 Kgs
- Innovative drive technology with cylindrical rotormotor
- Various configurations - trolley mounted, stationary, crab mounted, articulated trolley
- Compact construction and low approach dimensions
- Two hoisting speeds as standard
- Largely maintenance free, low wear

J.Barnsley **heavy duty hoists** are used worldwide and are innovative classics in lifting crane technology. Series manufacture of the standard components bring economic advantages to the client. The hoist can be configured up to 125Te S.W.L. The hoists can be used as winches, on crabs for double girder cranes or on a monorail application. It is the natural choice for higher duty, aggressive, working conditions such as offshore installations.

Heavy Duty Explosion-Proof Wire Rope Hoist

The J.Barnsley **heavy duty EX wire rope hoist** is suitable for use in **Zone 1** (Ex de IIB T4) and **Zone 2** area's (Ex denA IIB T3) meeting requirements laid down by ATEX. The AS7 EX hoist range's from 12.5Te to 125Te S.W.L. **J.Barnsley Cranes** use this hoist for lighter duty applications on overhead cranes, goliath cranes, jib cranes and monorail applications. Commonly served industries include the oil, gas, power generation, water treatment, pharmaceutical, chemical industries worldwide.



**J. BARNESLEY**  
**Cranes Limited**



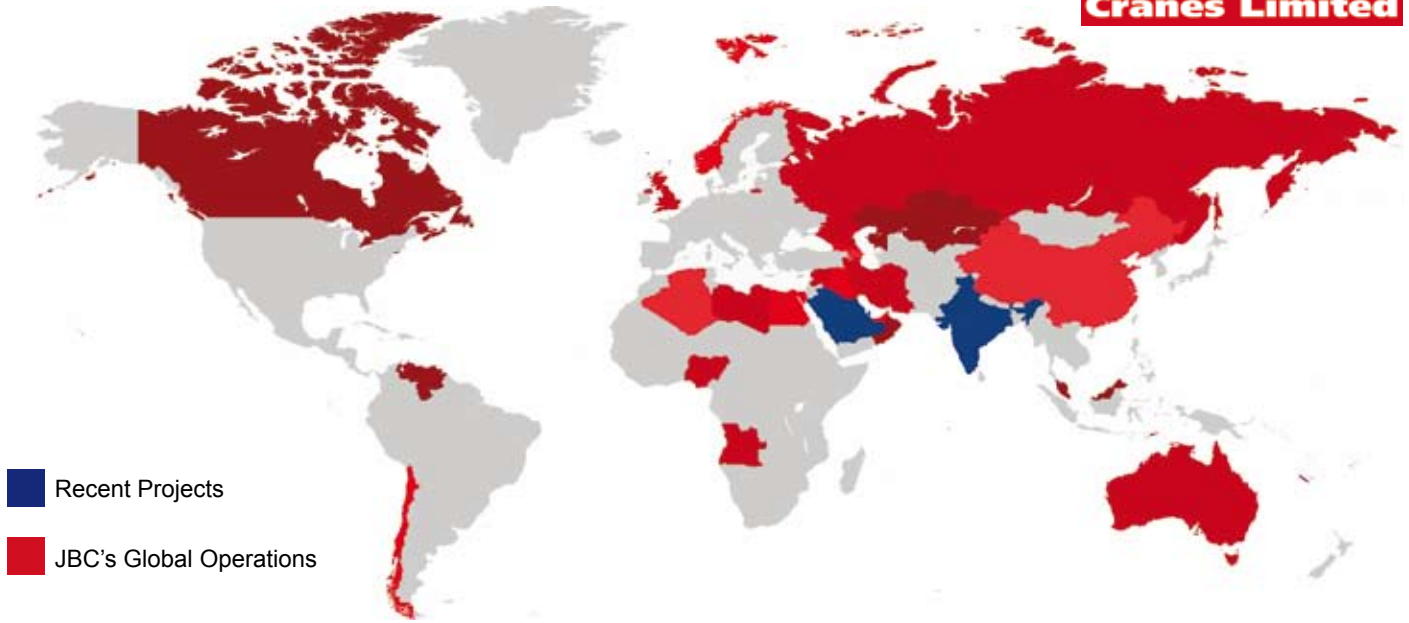
### Explosion-Proof Chain Hoist

The explosion-protected chain hoists meet EC product directive 94/9/EC (ATEX 95). They are constructed for use in Zone 1 or Zone 21, however they can also be used in Zone 22.

In use in thousands of applications for decades modernized and optimised again and again.

This chain hoist is a classic; powerful, reliable and undemanding with regards maintenance and power consumption.

The EX series is available in 13 load capacity brackets from 1.25Te to 10Te. It can be used as a stationary hoist with suspension hook or eye, rigid suspension or with push or electric trolley. It is particularly suitable for rugged use in industry.



Client	Description	Region	Equipment
Bechtel	Refinery	Saudi Arabia	Various Electric Wire Rope Hoists
GS Corp.	Pharmaceutical Plant	Qatar	18 * SP Manual Hoists 3 * Electric WRH
Hyundai / ONGC	Offshore Platform	India	8 * EX Electric WRH 20 * SP Manual Hoist c/w Geared Trolleys
JGC Corp.	Refinery	Saudi Arabia	Various EX WRH
Larsen & Toubro, ONGC	Offshore Platform	India	6 * SP Manual Hoists 3 * EX WHR



GS E&C



HYUNDAI

JGC



LARSEN & TOUBRO

ओएनजीसी



ONGC



**J. BARNESLEY**  
**Cranes Limited**



[www.jbarnsleycranes.com](http://www.jbarnsleycranes.com)

Tel: +44 (0) 1384 484811

Fax: +44 (0) 1384 484333

Email: [sales@jbarnsleycranes.com](mailto:sales@jbarnsleycranes.com)

UNIT 16, Pedmore Rd. Ind. Est.  
Brierley Hill, West Midlands. DY5 1TJ, England, U.K.