Ingersoll Rand

AIRPOWER® MANUFACTURING SOLUTIONS

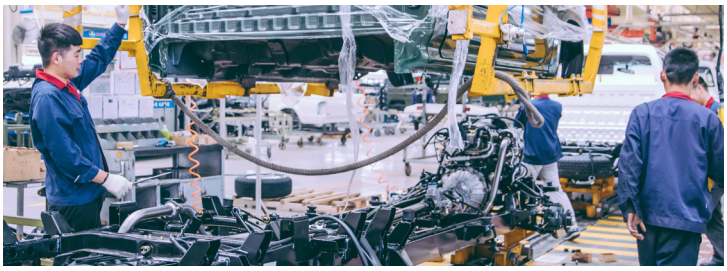
AIR CHAIN HOISTS

Air chain hoists are the ideal choice when high speed, high duty-cycle, precision spotting, and the ability to operate in harsh environments are the determining factors. Ingersoll Rand® offers a broad range of air hoists with key features and specifications that can be matched to your specific industry requirements.

This guide provides insights into Ingersoll Rand's air hoist options including features, benefits and load specifications. Each group of hoists are identified by icons to reflect the optimal hoists for these industries, chosen by the hoist experts at Ingersoll Rand.

INDUSTRY FOCUS

MOTOR VEHICLE



The motor vehicle industry depends on air hoists to help build superior products by ensuring automotive components move dependably and safety throughout the entire assembly process. Ideal features of a hoist in this space include speed, 100% duty cycle and ease of serviceability to keep the line running smoothly.

HEAVY EQUIPMENT

There are no short cuts when working with heavy equipment. Material handling needs in this environment can pose unique challenges when lifting and moving vital, high capacity objects on a job site. Precisely controlled movements, safety, durability and serviceability all work together to ensure the job is done safely and accurately.

AEROSPACE

The Aerospace industry has unique requirements from other manufacturing industries. This industry requires accurate positioning of loads that can be achieved with optional lower speeds and pendant choices to offer precise placement.

OIL & GAS

Equipment in Onshore and Offshore drilling environments must stand up to rugged and demanding applications. Hoists in this market are designed to meet multiple safety standards, handle high load capacities, provide precise spotting and exceptional durability.

CLK HOIST

- Full flow pendent provides maximum control and precision load positioning
- Ergonomic pendant designed to reduce operator fatigue
- Key available options include ATEX Zone 2/22 certification and CE Compliance with emergency stop
- Precision machined motor parts provide exceptional durability with 100% duty cycle meeting ASME HST-5 rating of A5
- **Capacity:** 275 lbs - 1,100 lbs (125 kg – 500 kg)
- **Speed:** 15 – 43 fpm

MLK HOIST

- Spark resistant models and a wide range of options and accessories are available including custom engineered to order designs
- Precision machined motor parts provide exceptional durability with 100% duty cycle meeting ASME HST-5 rating of A5
- Multiple control options available including slow speed models to satisfy load positioning needs
- Upper and lower limit stops prevent over-travel of the hook in either direction, reducing possible damage to the hoist or load
- **Capacity:** 550 lbs - 2,200 lbs (250 kg – 1000 kg)
- **Speed:** 11 – 101 fpm

HLK HOIST

- Spark resistant models and a wide range of options and accessories are available, including custom engineered to order designs
- Precision machined motor parts provide exceptional durability with 100% duty cycle meeting ASME HST-5 rating of A5
- Incorporates a larger chain wheel to accommodate load capacities up to 6 tons
- **Capacity:** 2,200 lbs - 13,200 lbs (1,000 kg – 6,000 kg)
- **Speed:** 3.5 – 26 fpm

ARO HOIST

- Spark resistant models and a wide range of options and accessories are available
- Rotary-vane air motors and efficient gearing combine to deliver one of the fastest lift speeds available and further reduce the chance of causing sparks in volatile environments
- External speed and brake adjustments included as a standard feature
- **Capacity:** 275 lbs - 4,400 lbs (125 kg – 2,000 kg)
- **Speed:** 7 – 110 fpm

Please contact your **INGERSOLL RAND** Distributor to provide the optimal solution for your lifting and needs.

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