

Hoists And Lifting Gear Specification Sheet

Electric to 50 tons, pneumatic to 25 tons, manual to 5 tons, plus explosion-proof builds.

Four wire rope hoist drive types for four working environments. Electric hoists lift up to 50 tons or more and cover general industrial duty. Pneumatic hoists run on compressed air and typically lift up to 25 tons where spark-free operation is required, such as in oil refineries. Manual hoists cover light duty to 5 tons. Explosion-proof hoists use special components that prevent ignition of flammable gases or dust.

1 products in this category. Every figure below is published on the product pages at trueglowimaging.com/categories/hoists.html

Wire Rope Hoists

Wire Rope Hoist · Electric, pneumatic, manual, explosion-proof

Wire rope hoists in four drive types for different industries, applications and environments. Electric hoists are the most common and lift up to 50 tons or more. Pneumatic hoists run on compressed air and typically lift up to 25 tons where spark-free operation is required, such as oil refineries. Manual hoists handle light duty up to 5 tons using hand-driven mechanisms. Explosion-proof hoists use special components that prevent ignition of flammable gases or dust in petrochemical and explosive atmospheres.

Specification

Electric Wire Rope Hoist	Driven by electric motors, up to 50 tons or more
Pneumatic Wire Rope Hoist	Compressed air driven, typically up to 25 tons, spark-free
Manual Wire Rope Hoist	Hand-driven, light duty up to 5 tons
Explosion-Proof Hoist	Special components prevent ignition of flammable gases or dust
Gearbox	Regulates speed and torque
Intended Duty	Heavy-duty industrial applications

Key benefits

A Drive Type for Every Atmosphere. Electric for general duty, pneumatic where sparks are unacceptable, explosion-proof where gas or dust is present, manual where power is not. The environment decides, and all four come from one supplier.

50 Tons on the Electric Hoist. Electric wire rope hoists lift up to 50 tons or more, which covers most crane applications without moving to a winch.

Spark-Free Option Without Losing Capacity. Pneumatic hoists typically reach 25 tons, so refinery and chemical plant duty does not have to drop to a hand hoist to stay safe.

Gearbox Controlled Speed and Torque. The gearbox regulates speed and torque, which is what gives the controlled lift rather than a load that accelerates as it rises.

Where it is used

General manufacturing lifting on overhead and jib cranes • Oil refineries requiring spark-free lifting • Petrochemical plants with flammable gas or dust present • Light-duty maintenance lifting using manual hoists • Monorail systems moving loads along a fixed path • Heavy industrial applications requiring up to 50 tons

How To Enquire

Send the process rather than a model number: capacity or flow rate, the product being handled, the container format where relevant, and the utilities already on site. WhatsApp +86 150 5517 9418 or email sales@trueglowimaging.com.

Minimum order is one unit on the process, packaging, utility and crane ranges. Machined, fabricated and moulded parts are quoted from single pieces upward.