

LIFTING AFRICA

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in the sophisticated design and a meticulous manufacturing process, in line with Japan's immaculate standards." This project comprises the delivery of 19 5-ton Kito ER electric hoists, with dual speed lifting and traversing, with various lifts and the convenience of remote-control operation.

The order also includes three 5-ton Kito manual chain hoists with a 5-metre lift and two 15-ton Kito manual chain hoist with a 4.5-metre lift, all with overload limiters, geared crawls and suspenders.

Becker Mining will also supply one 2-ton manual chain hoist with a 4-metre lift, with an overload limiter and geared crawl. The dual-speed inverter of Kito ER electric chain hoists improves efficiency and ensures easy operation, precise positioning and minimal downtime during installation and maintenance procedures.

This design also reduces load swing and ensures smoother movement than a conventional pole change motor. The high to low-speed ratio can be adjusted for even starts,

improved low-speed stops and accurate positioning.

These lightweight hoists have a compact aluminium die-cast body that is structurally strong.

The IP 55 rated enclosure offers protection against dust and water, which is critical in many applications.

For reliable and safe operation, a standard thermal protector prevents the motor from burning out due to excessive usage.

An emergency stop button is standard to allow the motor power to be disconnected in an emergency, without disrupting the main power supply.

A double safety mechanism, consisting of a friction clutch and an upper-lower limit switch, enhances safety and prevents hoist damage.

The electromagnetic brake delivers strong braking power while holding the load securely.

Kito manual chain hoists have a solid construction for durability and ball bearings increase mechanical

efficiency and ensure minimal effort is required for smooth and safe operation.

Because the number of parts is limited, maintenance is reduced and dis-assembly and re-assembly are effortless.

High strength, nickel-plated load chain for all Kito hoists increases resistance to wear and corrosion.

The forged carbon steel hook has been designed to open gradually and will not fracture under excessive load.

The top and bottom hooks are equipped with a hook latch and the bottom hook swivels 360 degrees to prevent kinking and twisting of the load chain. Kito trolleys are available as motorised, plain and geared, to provide smooth, precise and easy traversing and positioning. Delivery of this equipment to the mine is expected at the end of May 2021

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