

A close-up photograph of a manual hoisting device. The device features a bright yellow handle with a black textured grip at the bottom. It is connected to a metal chain and various mechanical components, including a pulley system. The background is a clear blue sky. The text "MANUAL HOISTING" is overlaid in large white letters on a blue semi-transparent background.

# MANUAL HOISTING



W.H SCOTT GROUP

# Manual Hoisting

## Chain Blocks & Lever Hoists

Tiger hooks incorporate their latest patent pending “EZ Check” feature which allows operators and inspection engineers to easily check to see if the hoist has been previously overloaded or shock loaded by simply measuring between the triangle of pop marks. With this system a quick check that the A and B measurements are the same (as shown in the diagram above) will indicate if the hooks have stretched: If  $A \leq B$  the hook is safe to use; If  $A > B$  the hook needs to be replaced.



The alloy hooks are heat treated and drop forged with heavy duty spring latch kits that fully engage into the recessed nose of the hook safeguarding the load when side loading of the latch occurs and offering maximum load security. The swivel hooks are attached to the yoke using high grade nuts & bolts allowing for complete inspection during any statutory inspection or written scheme maintenance. The entire hook fitting has been protected using OCP or stainless steel fixtures and fittings.

### Certification

Each hoist includes a test certificate or EC Declaration.  
Proof tested at 1.5x capacity; light tested at 2%. Finished with anti-corrosion powder coat.

### Mechanical efficiency

All components are heat-treated and precision-machined for low-effort operation. Premium grease ensures performance from -40°C to +50°C.

### Load Chains

High-grade 80 or 100 alloy chains to EN 818-7 / ISO 16872. Stainless options available.

### Performance

- Strength test  $\geq 4 \times$  WLL
- 1500+ cycle endurance
- Anchoring tested  $\geq 2.5 \times$  WLL
- Every hoist is proof & light load tested

### Cross hauling/fleeting operations

Quad Cam brake system tested for safe use at up to 45° without de-rating. Follow all safety instructions and risk assessments.



Quad Cam brake ensures at least one pawl is always engaged—no spring needed. Prevents failure from spring wear or angular hoisting.



Slip clutch system prevents overload by disengaging lifting. Load lowering remains possible. Certified to NORSOK R-002.



**Professional Lever Hoist  
PROLH**

**Corrosion Resistant  
Chain Block SS12**

**Chain Block TCB**

## Adaptable Chain Blocks & Lever Hoists



Additional adaptable fittings for TCB14/SS12 chain blocks and PROLH/SS11 lever hoist



*\*To replace the top hook, bottom hook or both hooks*

## Spark Resistant Chain Blocks & Lever Hoists

Ex II 2 GD c IIC T4 IIIC T135°C



## Combination Chain Block and Trolley



*Spark resistant version*



## Adjustable Trolley



Plain APT



Geared APT

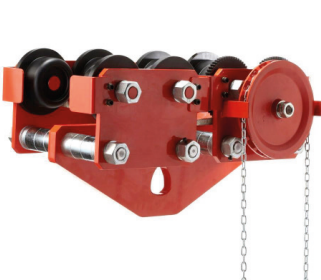
## Spark Resistant Trolley

Ex II 2 GD c IIC T4 IIIC T135°



Geared trolley

## Trolley TP/TG



Single bar



Twin bar

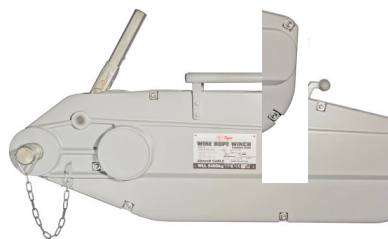


Plain trolley

## Wire Rope Puller



TRPA (steel)



TRPA (aluminium)

## Webbing Puller



## Spark Resistant Beam Clamp



## KITO Lever Hoist - Model L5

Kito's innovative technology makes this model smaller and lighter than ever before. Their original free chain adjusting mechanism greatly improves the working efficiency, and the grade 100 chain features an unbeatable combination of toughness and resistance to corrosion.



### Adoption of high strength frame

The frame is integral structure made of carbon steel for machine construction. For load bearing supports, induction hardening (patent) has been applied. The strength has also increased outstandingly by increasing in thickness.

### Hook latch with departure prevention

A hook latch has been designed to fix certainly. The increase of the hook latch thickness has also resulted in strong resistance for deformation and damage.

### Reliable brake performance (Mechanical brake)

A dry condition brake has been designed to have strong braking force due to original structure (non-asbestos material adoption).

### Maintenance improvement by adopting cap nuts

Cap nuts are used to tightening a gear case and a brake cover. The maintenance improves substantially without damaging screws.



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