

Tiger Spark Resistant Products



Main Features

- Category II – high safety - Certification: Ex II 2 GD c IIC T4 IIIC T135°C
- Manufactured in accordance with ATEX Directive 2014/34/EU and Machinery Directive 2006/42/EC
- Developed for the use in potentially explosive atmospheres (ATEX zones).
- We can supply chain blocks, lever hoists, beam clamps, trolleys and combination block and trolley units
- Special coated bodies
- Different capacities and heights of lift to suit your specific requirements
- Available with stainless steel load chain – any capacity over 1t deration will apply

In many areas of industry, plants are operated with potentially explosive atmospheres. Due to the very high risk to personal and other assets, extremely strict guidelines and technical requirements are in place in explosive zones. Tiger Spark Resistant products are manufactured in accordance with ATEX Directive 2014/34/EU and the Machinery Directive 2006/42/EC. Our products are lightweight and durable with a proven track record. ATEX marking: Ex II 2 GD c IIC T4 IIIC T135°C. Suitable for gas and dust hazardous areas: Zone 1 & 2 (gas) and Zone 21 & 22 (dust).

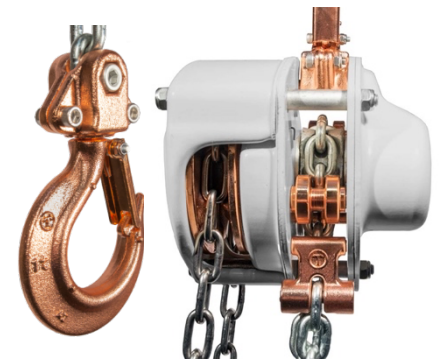


Chain Blocks and Lever Hoists (using Tiger SS19 or SS20 units)

- Stainless steel hand chain (chain blocks)
- Corrosion protected load chain
- Special corrosion protected body
- Marine specific friction discs
- Brake chamber protection from outside contamination
- Copper plated suspension and load hooks, load chain guides, grip rings, hand wheels and end anchorage
- Stainless steel fixings and fasteners
- All Tiger lever hoist handles contain rubber which is free from phthalates

Optional

- Stainless steel load chain - any capacity over 1t deration will apply
- Overload protection device
- Chain container



Lever hoist also available using our PROLH unit and standard load chain



Trolleys (using Tiger corrosion protected trolleys)

Plain or geared trolleys available

- Solid bronze trolley wheels
- Rubber buffers for trolleys
- Copper plated hand wheel (geared trolley) and hanging plate
- Special corrosion protected body
- Combination block and trolley units available
- **Optional** beam locking device
- Trolley wheels are powder coated universal wheels which suit both tapered and flat flange beams

Universal wheels



Beam Clamps

- Copper plated suspension shackle and adjusting bar
- Special corrosion protected body
- **Optional** beam locking device

Certification:

Under the ATEX Directive, equipment for areas with an explosion hazard is assigned to groups, categories and temperature classes. Our products are assigned as follows:

Ex II 2 GD c IIC T4 IIIC T135°C

II	2	GD	c	IIC	T4	IIIC	T135°C	
								T135°C Dust Temperature Class: Maximum external surface temperature 135°C
								IIIC Groups of Dust: Protected for group IIIC which includes groups IIIA & IIIB
								T4 Gas Temperature Class: Maximum external surface temperature 135°C
								IIC Gas Explosion Group: Protected for group IIC which includes groups IIA & IIB
								c Protection type: Design safety
								GD Ex Atmosphere: Gas and Dust
								2 Category: High Safety
								II Equipment Group: surface industries

Our products are third party certified by CML, EU Notified Body (No 2503) for the European Union Directive 2014/34/EU (ATEX).

It is the responsibility of the user to identify which explosion proof classification is required, not the hoist manufacturer or supplier.

See the separate technical sheets for the standard (non-ATEX) versions of the products for weights, dimensions and more product features.

Due to our policy of continual product development, dimensions, weights and specifications may change without prior notice. Please check with your Tiger sales team when ordering.

Bespoke designs available on request – contact info@tigerlifting.com for more information.