



Tiger Lifting



www.tigerlifting.com

Home of the Tiger hoisting, winching and height safety ranges

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 94/9/EC 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





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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 94/9/EC 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 SS11 or SS12 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

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

Optional

- Stainless steel load chain
- Overload protection device
- Chain container

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

Beam Clamps

- Copper plated suspension shackle and adjusting bar
- Special corrosion protected body

Optional

- Beam locking device





Certification:

Under the ATEX Directive 94/9/EC, equipment for areas with an explosion hazard is assigned to groups, categories and temperature classes. Our products are assigned as follows:

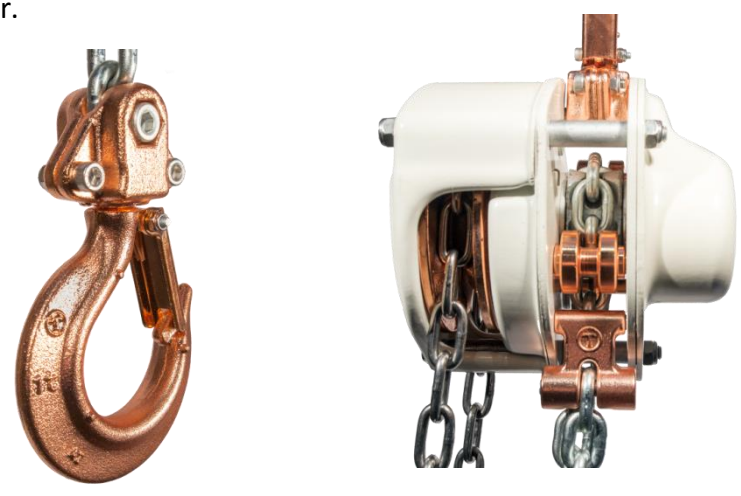
See the separate technical sheets for the standard (non-Atex) versions of the products for weights, dimensions and more product features.

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 Sira Certification, a key provider of Atex product certification and environmental monitoring services.

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



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.

