

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, trolleys and combination block and trolley units
- Special coated units
- Different capacities and heights of lift to suit your specific requirements
- Available with stainless steel load chain



Tiger Lifting Products 0161 223 1990



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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 coated 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



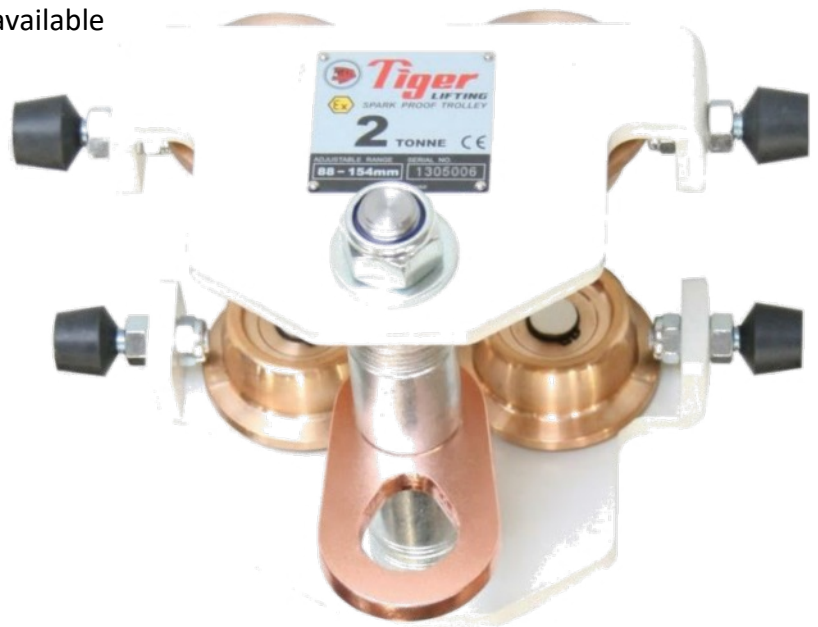
Trolleys (using Tiger corrosion protected trolleys)

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 coated body
- Combination block and trolley units available

Optional

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



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Certification:

Under the ATEX Directive 94/9/EC , equipment for areas with an explosion hazard are 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

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.



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