

Spark Resistant Chain Blocks and Lever Hoists

Ex II 2 GD c IIC T4 IIIC T135°C.

In many areas of industry, plants are operated with potentially explosive atmospheres. Due to the very high risk to personnel 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).

We can supply chain blocks, lever hoists, beam clamps, trolleys and combination block and trolley units.

- 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).
- Special coated units
- Different capacities and heights of lift to suit your specific requirements
- Available with overload protection

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





Combined chain blocks and trolleys available

- Stainless steel hand chain (chain blocks)
- Corrosion protected load chain
- 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 fittings and fasteners
- Lever hoist also available using our PROLH unit and standard load chain

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