



# PROLH LEVER HOIST

The professionals' choice incorporating our patented twin cam pawl design.

- Range 800kg - 20000kg
- Equipped with our unique dual brake mechanism
- Overload protection available
- One piece construction pinion gears
- Adaptable to use both inverted and horizontally
- **\*NEW\* Patented Twin Cam shaped pawl design**
- Light load tested and certified at 2% of the rated capacity and proof tested at 1.5 times the rated capacity
- Operating temperature range of - 40°C to + 50°C
- SANS 1636 compliant

PROLH lever hoists incorporate many of the advanced safety features that Tiger has developed, including their own unique dual brake mechanism that automatically engages when the lever hoist feels the slightest resistance on the bottom hook. This key feature means that the PROLH will raise, hold, and lower the lightest of loads without slipping.

The two stage process protects against accidental light load failures caused by putting the hoist into neutral whilst under load. This includes operations

that require a hoist to be used horizontally, inverted, or at any angle.

The PROLH is ideally suited for applications in the overhead transmission industry, shipyards, offshore platforms and is also suitable for underground mining use.

These units meet and exceed all the requirements within **BS EN 13157:2004,**

**ANSI/ASME B30.21-2005, AS1418.2 and SANS 1636.**



Drop forged and heat treated wide opening alloy hooks incorporating heavy duty latch kits that fully engage into the nose of the hook offering maximum load security.



Chain stripper specifically designed to guide the load chain safely onto or off the load sheave without snagging or jamming, allowing safe use in any orientation.



Unique dual brake mechanism with anti-tamper design, shown in "freewheel" and "brake engaged" positions. Available with overload protection.



This unit can also be supplied to ATEX approved spark resistant specification.



Subsea units also available on request

Product Code	Capacity (ton)	Effort (kg)	Headroom (mm)	Load Chain		Standard HOL (m)	Mass @ std HOL (kg)	Mass for extra metre HOL (kg)
				Diameter (mm)	No. of falls			
TLU008	0.8	22	275	6.3	1	1.5	7.6	0.86
TLU015	1.5	26	320	7.1	1	1.5	10.7	1.10
TLU030	3.0	38	400	10.0	1	1.5	18.2	2.17
TLU060	6.0	40	570	10.0	2	1.5	29.7	4.34
TLU100	10.0	47	630	10.0	3	1.5	45.7	6.54
TLU200	20.0	43	1050	10.0	6	3	174.0	13.08