



SS11 SUBSEA LEVER HOIST

The original and proven subsea lever hoist - constantly developed and improved.

- Range from 800kg – 20000kg
- ***NEW* Patented Twin Cam shaped pawl design**
- Unique dual brake mechanism
- One piece construction pinion gears
- No requirement for pre-load tension to activate the ratchet mechanism
- Lifts, holds and lowers the load at 2% of rated capacity so no light load failures
- Over 1000 hours corrosion protection under ASTM B117 salt spray test conditions
- Certified and proven track record
- Overload protection available
- SANS 1636 compliant

The SS11 has been designed and developed to be certified for safe use Subsea, and is thus also suitable for most harsh and extreme applications.

It comes equipped with a 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 SS11 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.

The unique design features and anti-corrosion

properties incorporated in the SS11 hoist range, including the one piece construction pinion gears, give it significant safety advantages over standard lever hoists, making the hoist the ideal tool for all marine, mining and other extreme applications.

The SS11 meets and exceeds the requirements of IMCA DO28 Rev. 1 "Guidance on the use of chain lever hoists in the offshore subsea environment", as well as other industry client specifications whilst conforming to standards such as **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. Stainless steel fixings and fasteners used throughout the hoist.



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.



Tiger have incorporated the ultimate safeguarding of a single point failure mode by installing a new specially designed adjustable chain end stop profiled to fit the contours of the hoist body.



Unique dual brake mechanism.

SPECIFICATIONS

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			
SSU008	0.8	23	275	6.3	1	3	9.1	0.86
SSU015	1.5	26	320	7.1	1	3	12.6	1.10
SSU030	3.0	38	400	10.0	1	3	22.0	2.17
SSU060	6.0	40	570	10.0	2	3	36.5	4.34
SSU100	10.0	47	630	10.0	3	3	56.3	6.54
SSU200	20.0	43	1050	10.0	6	3	174.0	13.08

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

