



**William Hackett**

[www.williamhackett.co.uk](http://www.williamhackett.co.uk)

## WH SS-C4 QP

The William Hackett SS-C4 QP Chain Hoist meets and exceeds the requirements of the following international standards:

British Standard BS EN13157:2004 + A1:2009  
American Standard ASME B30.16-2014  
Australian Standard AS1418.2-1997  
South African Standard SANS 1594:2007  
NORSOK R-002: 2017.

The William Hackett SS-C4 QP chain hoist incorporates the four-pawl mechanical engagement functionality. The unique and patented pawl design enhances the capabilities of the hoist allowing all four pawls to engage with the ratchet gear in an offset configuration allowing finer adjustment and tensioning capability while maintaining pawl/ratchet engagement. This improves the hoist's:

- Resilience to failure.
- Capability to provide finer adjustment and tensioning operations.
  - SAFE JUST BECAME SAFER!

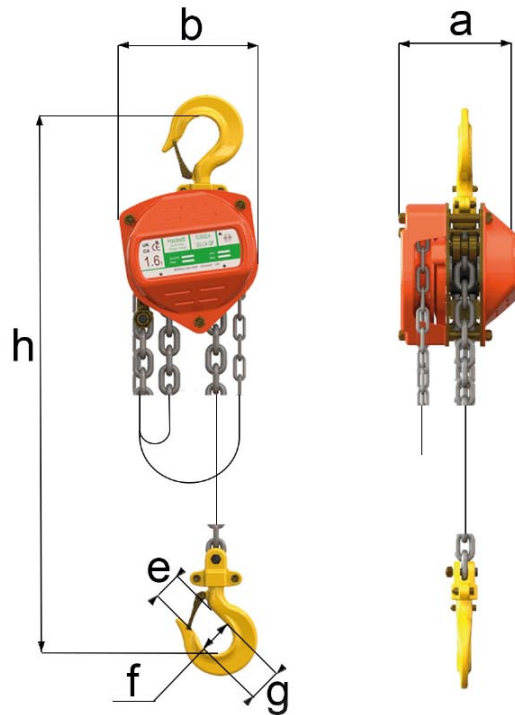
The design and specification of the William Hackett SS-C4 QP chain hoist includes

- **WORKING LOAD LIMIT RANGE:** 500kg to 50 tonnes.
- **LIGHT LOAD CAPABILITY:** tested and certified at 2% of the chain hoist rated capacity.
- **QUAD PAWL (QP):** Endurance tested to twice the industry norm.
- **SAFETY FACTOR:** 4:1
- **STAINLESS STEEL FIXINGS:** used throughout the hoist
- **BRAKE COMPONENTS:** corrosion protected.
- **SAFETY LATCHES:** hooks are fitted with heavy duty cast steel latches. The latch and hook tip are integrated creating a strong and robust hook closure.
- **HOOK OVERLOAD AND TRACEABILITY MARKS:** hooks have overload indicator marks either side of the hook throat (500kg to 10t). Both top and bottom hooks are embossed with a batch code, manufacturer's mark and the working load limit for full traceability and compliance to international standards.
- **HAND CHAIN JOINER:** a unique hand chain joiner is used as a quick and secure method of joining the hand chain.
- **HOOK HOUSING:** secured with socket head cap screws/hex head bolts and nyloc insert locking nuts to allow full inspection.
- **FLEETING/CROSS HAULING:** independently tested (test report 2550-7615) for fleeting or cross hauling applications up to 45° from the vertical without deration of the WLL.
- **LOAD CHAIN:** corrosion protected Grade 8 load chain offered as standard, with the option of calibrated Grade S (6) 316L stainless steel load chain, hand chain and bottom hook (stainless steel bottom hooks are only available for 500kg and 1 tonne units).
- **TEMPERATURE RANGE:** -20°C to +120°C.
- **MARINE PAINT:**
  - AkzoNobel Interpon D1010 Premium
  - Corrosion Resistance 1,000 hours according to DIN EN ISO 9227. No corrosion creep more than 1.6mm from scribe mark.
- **PROOF TESTED:** 500kg to 10 tonne hoists are proof tested to 1.5 times the Working Load Limit. 15 to 50 tonne hoists are proof tested to 1.25 times the Working Load Limit.
- **OVERLOAD LIMITER:** available as an option upon request.
- **MANUFACTURED:** in the United Kingdom.

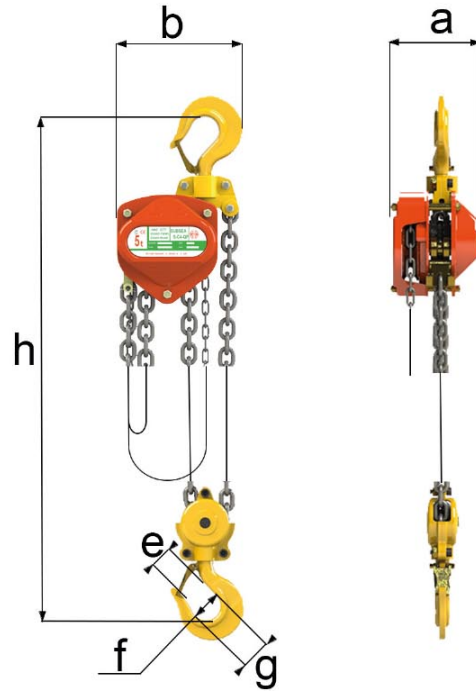


# Specifications

## Single Fall



## Multi Fall



Part Code	WLL tonnes	No. of Falls	Load Chain Size mm	a mm	b mm	e mm	f mm	g mm	h min mm	Mass kg 3m HOL	Extra Weight per m kg
025.SS.053	0.5	1	6.0 x 18	134	155	31.5	40	44	306	11.1	1.71
025.SS.103	1.0	1	6.0 x 18	134	155	31.5	40	44	306	11.1	1.71
025.SS.163	1.6	1	8.0 x 24	157	185	36.5	46	52	445	16.8	2.24
025.SS.203	2.0	1	8.0 x 24	157	185	36.5	46	52	445	16.8	2.24
025.SS.32D3	3.2	2	8.0 x 24	157	235	43.5	52	62	520	24.2	3.58
025.SS.503	5.0	2	10.0 x 30	180	262	51.0	60	77	600	38.4	5.24
025.SS.753	7.5	3	10.0 x 30	180	373	69.0	85	86	740	58.2	7.51
025.SS/1003	10.0	4	10.0 x 30	180	406	69.0	85	86	760	68.9	9.58
025.SS/1503	15.0	6	10.0 x 30	210	406	90.0	100	-	1000	116.7	13.92
025.SS/2003	20.0	8	10.0 x 30	225	550	80.0	110	-	1150	149.5	19.16
025.SS/3003	30.0	12	10.0 x 30	360	680	80.0	110	-	1250	230.0	27.84
025.SS/5003	50.0	20	10.0 x 30	585	832	133.0	170	-	1700	750.0	45.20



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