



LIFTING EQUIPMENT STORE

WH C4 QP

The William Hackett 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 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

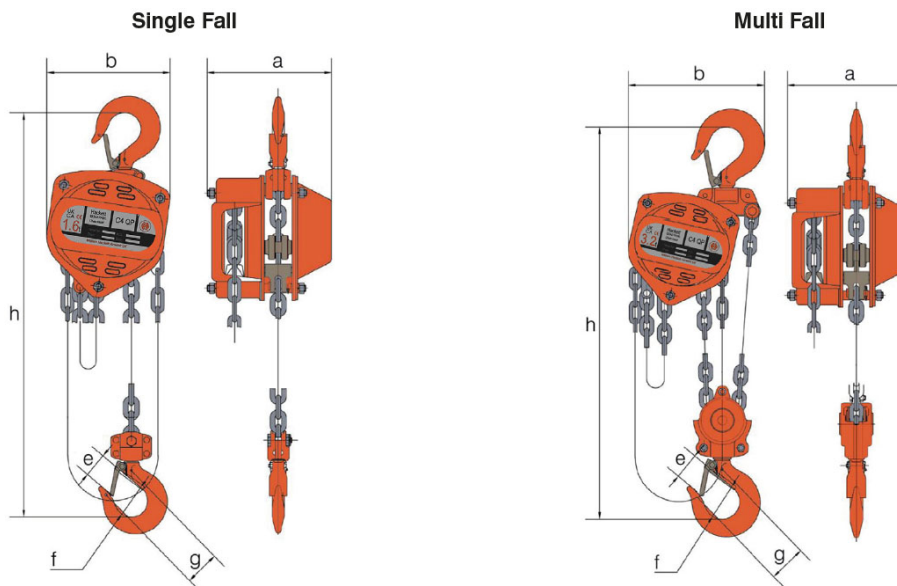
- Resilience to failure.
- Capability to provide finer adjustment and tensioning operations.
- SAFE JUST BECAME SAFER!

The design and specification of the William Hackett 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.
- **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:** fitted with load chain that fully complies with international standard BS EN818-7 Grade T (8).
- **TEMPERATURE RANGE:** -20°C to +120°C
- **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



Part Code	WLL tonnes	No. of Falls	Load Chain mm	a mm	b mm	e mm	f mm	g mm	h min mm	Mass kg 3m HOL	Extra Weight per m kg
025.053	0.50	1	5 x 15	125	130	22.5	32	37	280	11.10	1.38
025.103	1.00	1	6 x 18	134	155	26.5	40	44	306	11.10	1.62
025.163	1.60	1	8 x 24	151	173	32.5	42	48	368	15.80	2.23
025.203	2.00	1	8 x 24	157	185	36.5	46	52	445	16.80	2.23
025.323	3.20	2	8 x 24	157	235	43.5	52	62	520	24.20	3.62
025.503	5.00	2	10 x 30	180	262	51.0	60	77	600	38.40	5.18
025.753	7.50	3	10 x 30	192	373	64.0	85	86	740	58.20	7.60
025/1003	10.00	4	10 x 30	180	365	64.0	85	86	760	68.90	9.52
025/1503	15.00	6	10 x 30	210	406	80.0	100	-	1000	116.70	13.86
025/2003	20.00	8	10 x 30	225	550	80.0	110	-	1150	149.50	19.03
025/3003	30.00	12	10 x 30	360	680	80.0	110	-	1250	230.00	27.71
025/5003	50.00	20	10 x 30	585	832	133.0	170	-	1700	750.00	45.80