



William Hackett

www.williamhackett.co.uk

WH C4 QP Chain Hoist

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

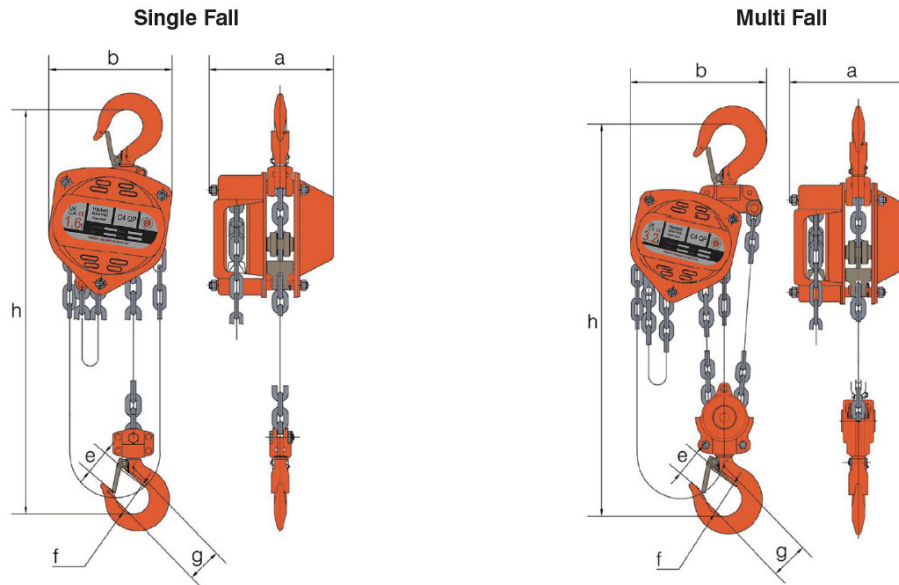
- Resilience to failure.
- Capability to provide finer adjustment and tensioning operations.
 - SAFE JUST BECAME SAFER!

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.
- **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 tonne to 50 tonne hoists are proof tested to 1.25 times the Working Load Limit.
- **OVERLOAD LIMITER:** available as an option upon request.
- **MANUFACTURED AND PROOF TESTED** in the U.K.



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	6 x 18	134	155	25.5	40	49.0	350	11.1	1.7
025.103	1.00	1	6 x 18	134	155	25.5	40	49.0	350	11.1	1.7
025.163	1.60	1	8 x 24	151	173	30.0	40	51.5	390	15.8	2.2
025.203	2.00	1	8 x 24	157	185	30.0	44	54.5	410	16.8	2.2
025.323	3.20	2	8 x 24	157	235	37.5	48	61.0	495	24.2	3.6
025.503	5.00	2	10 x 30	180	262	43.0	60	85.0	635	38.4	5.2
025.753	7.50	3	10 x 30	180	373	53.0	83	89.0	775	58.2	7.6
025/1003	10.00	4	10 x 30	180	365	53.0	83	89.0	815	68.9	9.5
025/1503	15.00	6	10 x 30	210	406	80.0	108	-	1000	116.7	13.9
025/2003	20.00	8	10 x 30	225	550	80.0	108	-	1100	149.5	19.0
025/3003	30.00	12	10 x 30	460	800	112.0*	140	-	1550	515.0	27.7
025/5003	50.00	20	10 x 30	580	840	140.0*	180	-	2000	750.0	45.8

*Measurement without latch



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William Hackett Lifting Products Ltd Oak Drive, Lionheart Enterprise Park, Alnwick, Northumberland NE66 2EU
Email: liftingsales@williamhackett.co.uk Tel: +44 (0)1665 604200 Fax: +44 (0)1665 604204

Web: www.williamhackett.co.uk



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