



## WH ATEX-C4 Chain Hoist

The William Hackett ATEX-C4 chain hoist complies with the requirements of ATEX Directive 2014 / 34 / EU and Machinery Directive 2006 / 42 / EC

The WH ATEX-C4 chain hoist meets and exceeds the requirements of the following international standards:

British Standard BS EN13157:2004 + A1:2009  
American Standard ASME B30.16-20124  
Australian Standard AS1418.2-1997  
South African Standard SANS 1594:2007  
NORSOK R-002: 2017.

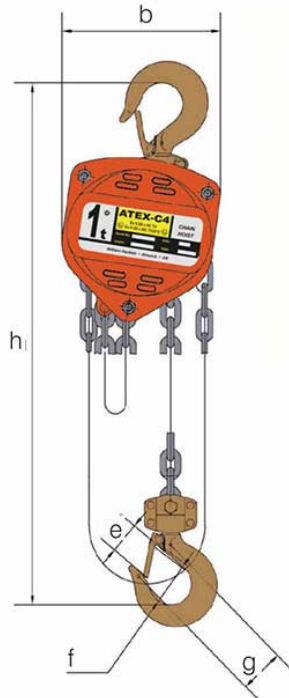
The design and specification of the William Hackett ATEX-C4 chain hoist includes:

- **WORKING LOAD LIMIT RANGE:** 500kg to 5 tonnes. Other sizes available upon request.
- **LIGHT LOAD CAPABILITY:** tested and certified at 2% of the chain hoist rated capacity.
- **TWIN PAWL:** fitted as standard.
- **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 5t). 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.
- **HAND CHAIN:** fitted with Grade 316L stainless steel 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 zinc plated load chain that fully complies with international standard BS EN818-7. With an option of calibrated Grade S (6) 316L stainless steel load chain.
- **TEMPERATURE RANGE:** -20°C to +135°C
- **CORROSION PROTECTED:** specific internal components are corrosion protected
- **PROOF TESTED:** hoists are proof tested to 1.5 times the Working Load Limit.
- **OVERLOAD LIMITER:** available as an option upon request.
- **MANUFACTURED AND PROOF TESTED** in the U.K.

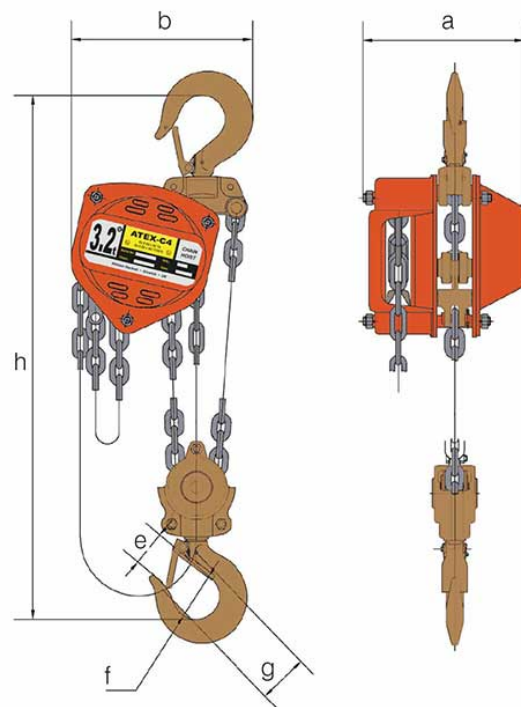


# Specifications

Single Fall



Multi Fall



Part Code	WLL tonnes	No. of Falls	Load Chain mm	Hand Chain mm	Standard Lift m	a mm	b mm	e mm	f mm	g mm	h mm	Mass kg	Extra Weight per m kg
022.ATEX.053	0.50	1	5 x 15	5 x 25	3	125	130	20.5	34	42.5	305	8.10	1.44
022.ATEX.103	1.00	1	6 x 18	5 x 25	3	134	155	25.5	40	49.0	350	11.50	1.71
022.ATEX.203	2.00	1	8 x 24	5 x 25	3	157	185	30.0	44	54.5	410	16.80	2.24
022.ATEX.32D03	3.20	2	8 x 24	5 x 25	3	157	235	37.5	48	61.0	495	24.20	3.58
022.ATEX.503	5.00	2	10 x 30	5 x 25	3	180	262	43.0	60	85.0	635	38.40	5.24

## Ex II 2 GD c IIC T4 IIIC T135°C

II	2	GD	c	IIC	T4	IIIC	T135°C	
							<b>T135°C</b>	Dust Temperature Class: Maximum external surface temperature 135°C
							<b>IIIC</b>	Groups of Dust: Protected for group IIIC which includes groups IIIA & IIIB
							<b>T4</b>	Gas Temperature Class: Maximum external surface temperature 135°C
							<b>IIC</b>	Gas Explosion Group: Protected for group IIC which includes groups IIA & IIB
							<b>c</b>	Protection type: Design safety
							<b>GD</b>	Ex Atmosphere: Gas and Dust
							<b>2</b>	Category: High Safety
							<b>II</b>	Equipment Group: surface industries



**William Hackett**

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

