



**William Hackett**

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

## WH ATEX-L4 Lever Hoist

The Hackett ATEX-L4 lever hoist complies with the requirements of ATEX Directive 2014 / 34 / EU and 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.

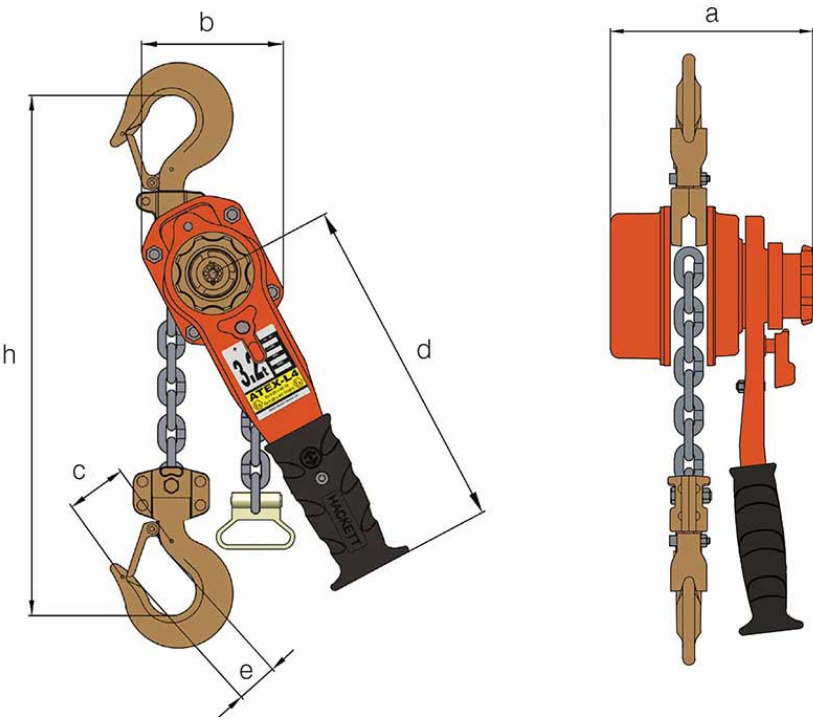
The design and specification of the William Hackett ATEX-L4 lever hoist includes:

- **WORKING LOAD LIMIT RANGE:** 800kg to 10 tonnes.
- **LIGHT LOAD CAPABILITY:** the WH ATEX-L4 is tested and certified at 2% of the lever hoist rated capacity.
- **TWIN PAWL:** double safety; fitted as standard.
- **CORROSION PROTECTED** specific internal components corrosion protected.
- **COPPER PLATED** parts include top and bottom hook bowls, load chain guides, grip rings and chain stripper.
- **SAFETY LATCHES:** the WH ATEX-L4 lever hoist top and bottom hooks are fitted with heavy duty cast steel latches. The latch and hook tips 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 (800kg 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.
- **HOOK HOUSING:** secured with socket head cap screws/hex head bolts and nyloc locking nuts to allow full inspection.
- **FLEETING/CROSS HAULING:** the WH ATEX-L4 lever hoists are tested and certified for fleeting or cross hauling applications up to 45° from the vertical without deration.
- **LOAD CHAIN:** the hoists are fitted with load chain that fully complies with international standard BS EN818-7 Grade T (8).
- **TEMPERATURE RANGE:** -20°C to +135°C.
- **PROOF TESTED:** 800kg to 10 tonnes 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.

Other sizes available upon request.



# Specifications



Part Code	WLL tonnes	No. of Falls	Load Chain mm	Standard Lift m	a mm	b mm	c mm	d mm	e mm	h mm	Mass kg	Extra Weight per m kg
033.ATEX.080	0.80	1	5.6 x 17	1.5	148.0	121	41.5	265	28.0	280	6.20	0.70
033.ATEX.160	1.60	1	7.1 x 21	1.5	165.5	141	52.0	415	33.0	350	9.60	1.10
033.ATEX.320	3.20	1	10 x 30	1.5	194.5	178	61.9	415	42.5	420	15.50	2.20
033.ATEX.630	6.30	2	10 x 30	1.5	194.5	228	84.3	415	51.0	570	27.00	4.40
033.ATEX.1000	10.00	3	10 x 30	1.5	194.5	310	88.0	415	56.0	680	38.30	6.60

## 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



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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

