

# ATEX-C4 Chain Hoist Design Features

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

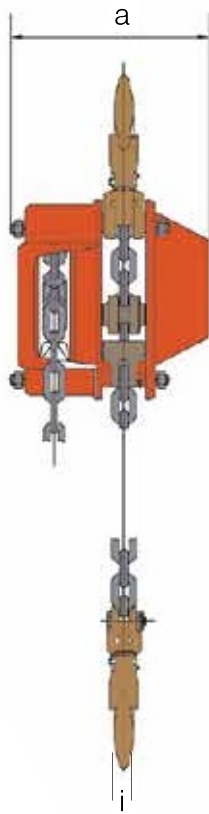
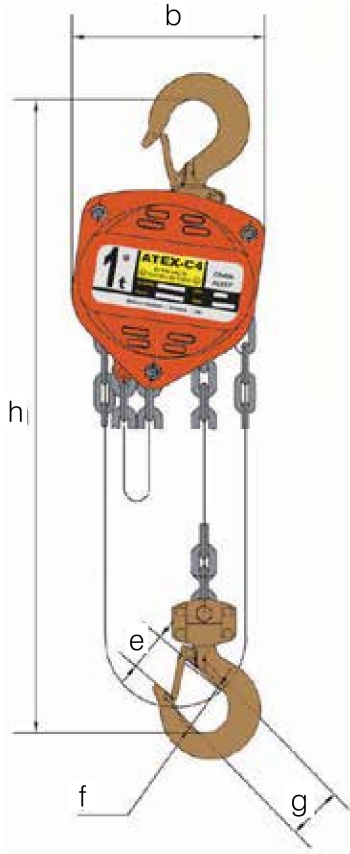
- **WORKING LOAD LIMIT RANGE:** 500 Kg to 5 tonne.
- **LIGHT LOAD CAPABILITY:** the ATEX-C4 chain hoist is tested and certified at 2% of the chain hoist rated capacity.
- **TWIN PAWL:** double safety; fitted as standard.
- **SAFETY FACTOR:** 4:1.
- **SAFETY LATCHES:** the ATEX C4 chain hoist top and bottom hooks are fitted with heavy duty cast steel latches. The latch and hook tip are integrated creating a strong and robust hook closure.
- **OVERLOAD INDICATOR MARKS:** the ATEX-C4 chain hoist top and bottom hooks have, as part of the hook forging, overload indicator marks either side of the hook throat. By measuring the distance between the indicator marks, the hook can be quickly and easily checked to see if any stretch has occurred due to misuse or overloading.
- **HOOK HOUSING:** the ATEX-C4 chain hoist top and bottom hook housing are secured with socket head cap screws/hex head bolts and nyloc insert locking nuts to allow full inspection.
- **FLEETING/CROSS HAULING:** the ATEX-C4 chain hoist has been independently tested and verified (Test Report 2550-7615) for fleeting or cross hauling applications at angles up to 45° from the vertical without deration.
- **LOADCHAIN:** supplied with EN818-7 Grade T (8) zinc plated loadchain as standard with an option for stainless steel Grade 6 loadchain upon request.
- **HANDCHAIN:** fitted with Grade 316L stainless steel handchain.
- **TEMPERATURE RANGE:** -20°C to +140°C.
- **PROOF TESTED:** every hoist is proof tested to 1.5 times the WLL.
- **CORROSION PROTECTED:** specific internal components are corrosion protected.
- **COPPER PLATED PARTS:** include top and bottom hook assemblies, chain end anchor, chain stripper, roller guides and handwheel.
- **BODY COVERS:** epoxy powder coated.
- **TOP AND BOTTOM HOOKS:** stamped with batch code, manufacturer's mark and hoist working load limit for full traceability and compliance to EN1677 and SANS 1594: 2007
- **OVERLOAD LIMITER:** available as an option upon request
- Other sizes available upon request.
- **MANUFACTURED** in the UK.



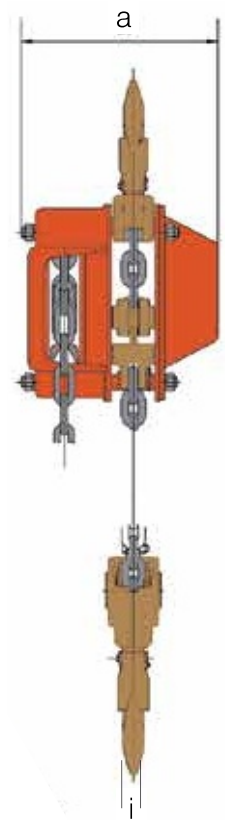
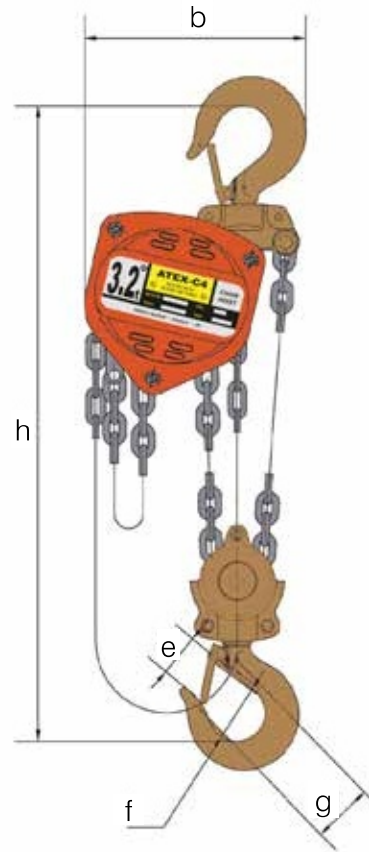
# ATEX-C4 Chain Hoist

## Specifications and Dimensions

### Single Fall



### Multi Fall



Part Code	WLL tonnes	No. of Falls	Load Chain mm	Hand Chain mm	a mm	b mm	e mm	f mm	g mm	h min mm	i mm	Mass Kg 3m HOL	Extra Weight per m Kg
022.ATEX.050	0.5	1	5 x 15	5 x 25	125	130	27.5	32	37	280	12.3	7.8	1.4
022.ATEX.100	1.0	1	6 x 18	5 x 25	134	155	31.5	40	44	306	15.3	11.1	1.6
022.ATEX.200	2.0	1	8 x 24	5 x 25	157	185	36.5	46	52	445	20.8	16.8	2.2
022.ATEX.32D00	3.2	2	8 x 24	5 x 25	157	235	42.5	52	62	520	24.7	24.2	3.6
022.ATEX.500	5.0	2	10 x 30	5 x 25	180	262	51.0	60	77	600	33.5	39.8	5.2