

CP-C4 Corrosion Resistant Chain Hoist Design Features

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

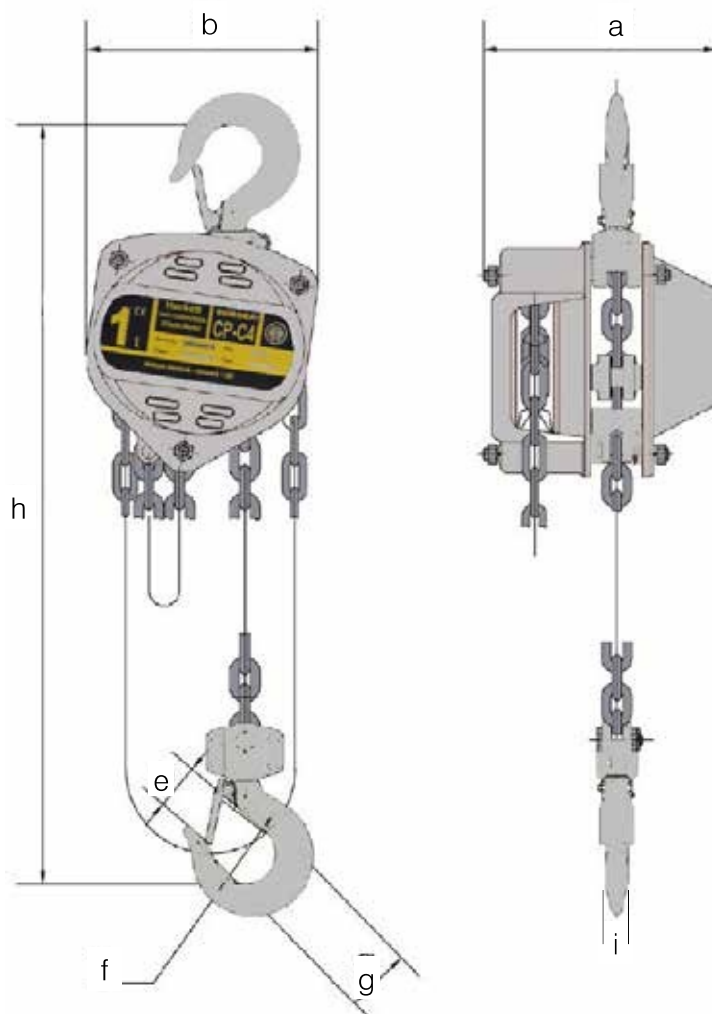
- **WORKING LOAD LIMIT RANGE:** 500 Kg to 2 tonne.
- **LIGHT LOAD CAPABILITY:** the WH-C4 is tested and certified at 2% of the chain hoist rated capacity.
- **TWIN PAWL:** double safety; fitted as standard.
- **SAFETY FACTOR:** 4:1.
- **SAFETY LATCHES:** the WH-C4 chain hoist top and bottom hooks are fitted with heavy duty cast steel latches. The latch and hook tips are integrated creating a strong and robust hook closure.
- **OVERLOAD INDICATOR MARKS:** WH-C4 chain block top and bottom hooks have, as part of the hook forging, overload indicator marks either side of the hook throat.
- **HAND CHAIN JOINER:** a unique hand chain joiner is used as a quick and secure method of joining the hand chain without the need to cut, bend, open and close a link of existing hand chain.
- **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
- **HOOK HOUSING:** the WH-C4 chain hoist top and bottom hook housings are secured with socket head cap screws/hex head bolts and nyloc insert locking nuts to allow full inspection.
- **FLEETING/CROSS HAULING:** the WH-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.
- **LOAD CHAIN:** the WH-C4 chain blocks are 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:** every hoist is proof tested to 1.5 times the Working Load Limit.
- **CALIBRATED** Grade T (8) load chain to BS EN818-7 zinc plated with zinc plated hand chain. Hand chain Dacromet corrosion coated.
- **CALIBRATED** Grade S (6) 316L stainless steel load chain, hand chain and bottom hook (stainless steel bottom hooks are only available for 500 Kg and 1 tonne units).
- **CORROSION PROTECTION:** all hoist components are corrosion protected and tested to 500hrs and salt spray testing according to ASTM B117 and ISO9227.
- **STAINLESS STEEL FIXING:** all internal springs, core clips securing the pawls onto the pawl stands, nyloc nuts and socket head cap screws are stainless steel.
- **OPTIONAL EQUIPMENT:**
 - Overload Limiter
 - Top and bottom hook adaptors
 - Stainless Steel Load and hand chain
- **MANUFACTURED** in the UK.



CP-C4 Corrosion Resistant Chain Hoist

Specifications and Dimensions

Single Fall



Part Code	WLL tonnes	No of Falls	Load Chain Size 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
022.050.CP	0.5	1	5.0 x 15	125	130	27.5	32	37	280	12.3	7.8	1.4
022.100.CP	1.0	1	6.0 x 18	134	155	31.5	40	44	306	15.3	11.1	1.6
022.200.CP	2.0	1	8.0 x 24	157	185	36.5	46	52	445	20.8	16.8	2.2