

# WH-C4 Chain Hoist Design Features

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

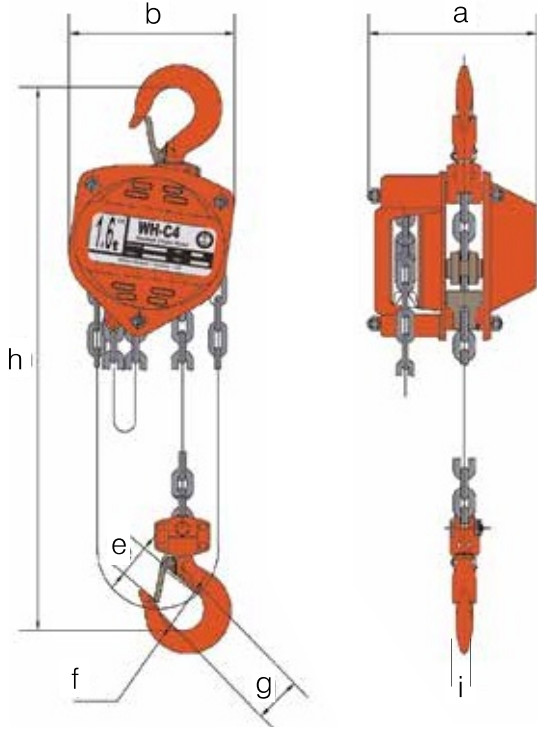
- **WORKING LOAD LIMIT RANGE:** 500 Kg to 50 tonnes.
- **LIGHT LOAD CAPABILITY:** the WH-C4 is tested and certified at 2% of the chain hoist rated capacity.
- **TWIN PAWL:** double safety; fitted as standard.
- **SAFETY FACTOR:** 4:1.
- **SAFETY LATCHES:** the WH-C4 chain hoist top and bottom hooks are fitted with heavy duty cast steel latches. The latch and hook tips are integrated creating a strong and robust hook closure.
- **OVERLOAD INDICATOR MARKS:** the WH-C4 chain block top and bottom hooks have, as part of the hook forging, overload indicator marks either side of the hook throat (500Kg to 5 tonne).
- **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.
- **OPTIONAL EQUIPMENT:**
  - Overload Limiter
  - Top and bottom hook adaptors
- **MANUFACTURED** in the UK.



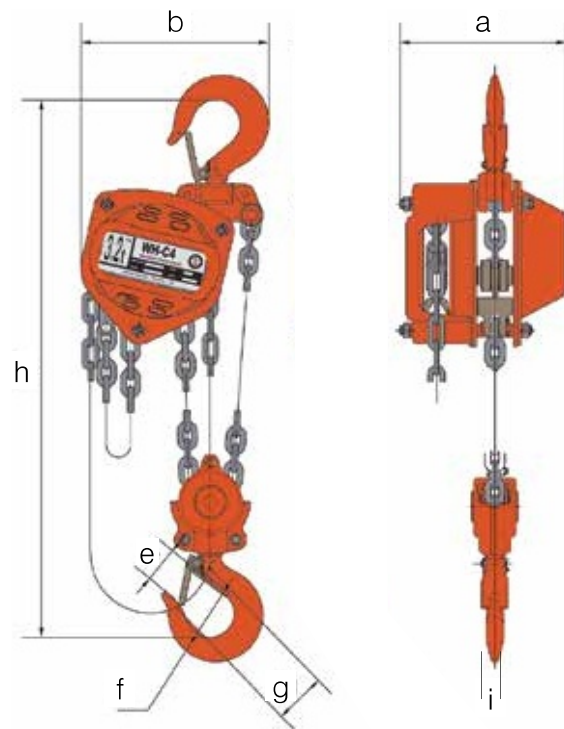
# WH-C4 Chain Hoist

## Specifications and Dimensions

### Single Fall



### Multi Fall



Part Code	WLL tonnes	No. of Falls	Load 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
022.050	0.5	1	5 x 15	125	130	22.5	32	37	280	12.3	7.8	1.3
022.100	1.0	1	6 x 18	134	155	26.5	40	44	306	15.3	11.1	1.6
022.160	1.6	1	8 x 24	151	173	32.5	42	48	368	19.3	15.8	2.2
022.200	2.0	1	8 x 24	157	185	36.5	46	52	445	20.8	16.8	2.2
022.32D00	3.2	2	8 x 24	157	235	43.5	52	62	520	24.7	24.2	3.6
022.500	5.0	2	10 x 30	180	262	51.0	60	77	600	33.5	40.0	5.2
022.750	7.5	3	10 x 30	192	373	64.0	85	-	740	42.1	64.2	7.6
022/1000	10.0	4	10 x 30	180	365	53.0	85	-	760	41.0	67.4	9.5
022/1500	15.0	6	10 x 30	210	406	80.0	100	-	1000	59.0	116.7	13.9
022/2000	20.0	8	10 x 30	225	550	80.0	110	-	1150	59.0	149.5	19.0
022/3000	30.0	12	10 x 30	360	680	80.0	110	-	1250	59.0	212.7	27.7
022/5000	50.0	20	10 x 30	585	832	133.0	170	-	1700	146.0	754.8	45.8