



Advantages

William Hackett WH-L4 manual lever hoists have been specifically designed to meet modern industry demands.

Compact and lightweight combined with strength and durability make the WH-L4 extremely robust and easy to handle.

The WH-L4 fully complies with and exceeds all the requirements of EN13157 and comes supplied with EN818-7 calibrated Grade 80 load chain. Each hoist is proof loaded to 1.5 times the Working Load Limit (W.L.L.) and has a guaranteed light load of 2% of the W.L.L.

WH-L4 hoists can be used in a temperature range of -40°C to +200°C exceeding the European standard for low temperature use.

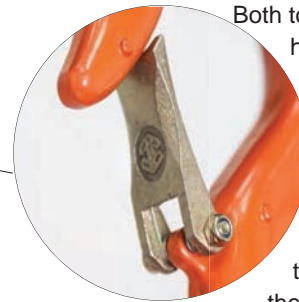
WH-L4 manual lever hoist can be used for both lifting and pulling application away from the vertical without W.L.L. deration. Guidance for the use of WH-L4 lever hoists used at angles can be found in the 'User Instruction Guide' supplied with each hoist. Read the guidance notes thoroughly before using the WH-L4 hoists away from the vertical.



Design Features



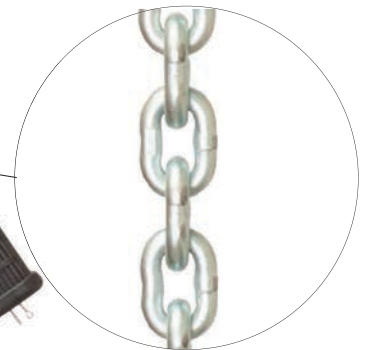
Heavy duty forged steel latches create a strong and robust closure to the hoist hook



Both top and bottom hooks have two strategically forged marks on either side of the throat to allow easy measurement of the hook throat opening. Checking the distance between the marks as part of the pre-use inspection could indicate stretch of the hook due to overload. (measurement criteria can be found in L4 User Instructions).



New 'End Stop' design guarantees compliance with European standards with hand grip to allow easy chain adjustment.



Calibrated load chain fully complies with EN818-7 as specified in BSEN13157



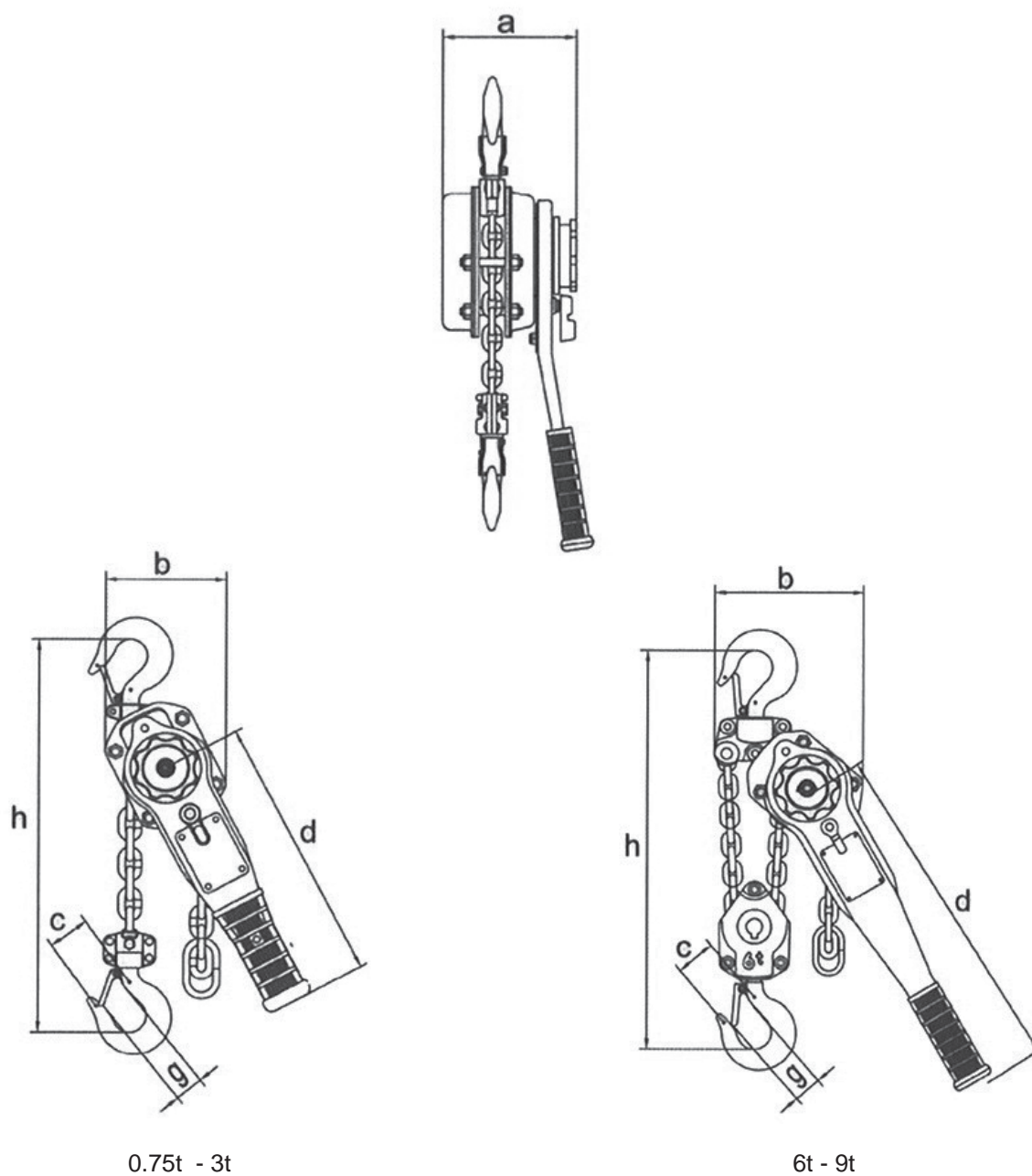
Nuts and bolts are used to secure hook yokes allowing disassembly of the yoke to allow full inspection of load hooks



Internal components corrosion protected
The following internal components are Dacromet plated (Cr6 free) giving superior corrosion protection salt spray performance > 300 hours

- L4.13 Disc Hub
- L4.18 Ratchet Gear
- L4.23 Change Gear
- L4.31 Stop Cam

Specific tions and Dimensions



Part Code	Capacity (t)	No. of Falls	Load Chain (mm)	Pull to Rated Load (N)	Standard Lift mm	Dimensions (mm)						Mass (Kg)	Extra Weight per M (Kg)
						a	b	c	d	g	h		
033.075	0.75	1	5.6 x 17	237	1.5	148	121	37.5	265	28	280	6.2	0.7
033.150	1.5	1	7.1 x 21	258	1.5	165.5	141	47	415	33.5	350	9.6	1.1
033.300	3.0	1	10 x 30	366	1.5	194.5	178	62.5	415	43.5	420	15.5	1.7
033.600	6.0	2	10 x 30	376	1.5	194.5	228	78	415	51	570	27	3.5
033.900	9.0	3	10 x 30	388	1.5	194.5	310	-	415	64	680	38.3	5.2

Exploded Diagram and Parts List



L4.01	Left Side Plate Assembly	L4.24	Change Over Pawl
L4.02	Load Sheave	L4.25	Change Over Spring
L4.03	Chain Guide	L4.26	Change Over Stand
L4.04	Top Hook Shaft	L4.28	Handle Assembly (inc. 27+27a)
L4.05	Top Hook Assembly	L4.29	Screw
L4.06	Right Side Plate Assembly	L4.29a	Washer
L4.07	Load Gear	L4.30	Grip Ring
L4.08	Pinion Shaft	L4.31	Stop Cam
L4.08a	Pinion Shaft Washer	L4.32	Washer
L4.09	Pinion Gear	L4.33	Castle Nut
L4.10	Gear Cover	L4.34	Split Pin
L4.11	Nut	L4.36	Square Type End Stop
L4.12	Chain Stripper	L4.37	Bottom Hook Assembly
L4.13	Disc Hub	L4.38	Chain Fixing Pin
L4.14	Pawl Spring	L4.47	Latch Kit
L4.15	Pawl		
L4.15a	Circlip		
L4.16	Bush		
L4.17	Friction Disc (pair)		
L4.18	Ratchet Gear		
L4.20	Spring		
L4.21	Lock Nut		
L4.22	Handle Cover Assembly (inc. 19)		
L4.23	Change Gear		