



WH SS-L5.IM Ironman and Overhead Line Lever Hoist

The Hackett SS-L5.IM lever hoist complies with the requirements of international standard:

British Standard BS EN13157:2004 +A1:2009
Network Rail Certificate of Acceptance PA05/06687

The lever hoist capacity ranges from 800kg to 10 tonnes and the designation RL5 1.5t capacity serves a dual role. As well as being approved for overhead line work by Network Rail, the lever hoist is also designed to be used with the "Ironman" rail handling system. For the "Ironman" usage the unit is rated to 1.5 tonne and painted yellow as specified by RIS-1701-PLT.

THE RL5 "IRONMAN": can be fitted with either a clevis shackle or omega link eradicating the need for the current connecting link between the clamp and the hoist. The whole system will be certified as one single piece of equipment reducing time and cost when it comes to the inspection and re-certification of the lever hoist, producing a more efficient and effective piece of equipment to use in the field.

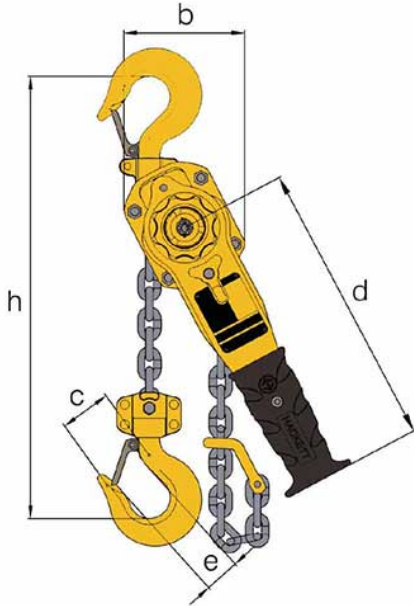
The design and specification of the William Hackett overhead line and rail industry lever hoists include:

- **WORKING LOAD LIMIT RANGE:** 800kg to 10 tonnes.
- **LIGHT LOAD CAPABILITY:** tested and certified at 2% of the rated capacity but in operational mode has a 0% light load capacity.
- **TWIN PAWLS, DOUBLE SAFETY SYSTEM:** two pawls of different lengths are fitted to provide one redundant pawl and one engaged at all times. Fully secured with stainless nut and bolts
- **TRAVELLING CHAIN 'END STOP':** the adjustable travelling end stop which can be positioned next to the body of the lever hoist to prevent slippage and run off.
- **DABS (DUAL ANTI-LOCK BRAKE SYSTEM):** prevents the accidental engagement of freewheel.
- **SLIP PREVENTION CONTOURED RUBBER "T" SHAPED GRIP:** specially designed to improve grip with gloves, especially in the wet.
- **SECURE HOOK CLOSURE:** the heavy duty cast latch interlocks with the nib of the hook to form a secure closure and prevents side load disengagement.
- **SINTERED AND GROOVED FRICTION BRAKE PADS:** sintered brake material complete with grooves and zinc flake coating mean that the brake surface is kept clear of dirt or water and retain functionality in wet environments.
- **LOAD CHAIN:** calibrated chain is in accordance with EN818-7.
- **CORROSION PROTECTION:** high performance waterproof marine grease is used throughout the hoist to give long term protection in the harshest environments. Zinc flake corrosion protection along with stainless steel throughout the hoist means extended longevity of critical components.
- **AVAILABILITY** of all spares allow customers to take the hoist back to almost factory finish.
- **THE RL5 "IRONMAN"** lever hoist can be used within an operating temperature range of -20°C to +120°C.

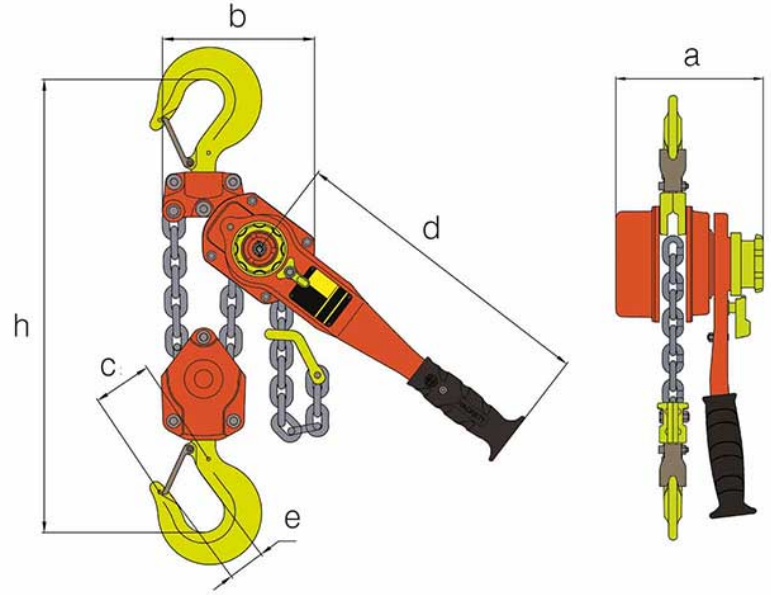


Specifications

Single Fall



Multi Fall



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
034.SS.080	0.80	1	5.6 x 15.7	1.5	146	119	41.5	245	27.0	280	6.90	0.70
034.SS.015.IM	1.50	1	7.1 x 19.9	1.5	164	126	54.2	265	36.0	335	8.50	1.10
034.SS.160	1.60	1	7.1 x 19.9	1.5	164	126	52.0	265	36.0	335	9.00	1.10
034.SS.320	3.20	1	10 x 28	1.5	196	159	61.9	415	42.0	335	17.00	2.20
034.SS.630	6.30	2	10 x 28	1.5	196	218	84.3	415	52.5	540	33.00	4.40
034.SS.1000	10.00	3	10 x 28	1.5	196	298	-	415	59.0	680	50.00	6.60



William Hackett

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