



Lever Hoist POWERTEX PLH-S2

Product information

The Powertex PLH-S2 Lever Hoist is a high-quality hoist designed for durability, safety, and ease of operation. Its ergonomic ratchet lever and safety-added features ensure smooth and efficient lifting for various industrial applications.

Product benefits:

- **Enhanced safety:** each hoist undergoes dynamic proof load testing at 1.5 times the Working Load Limit (WLL) before leaving the factory, ensuring maximum safety and reliability. The hoist is equipped with a well-covered automatic load reaction brake and features double safety with two brake pawls and four brake springs, exceeding EN 13157 requirements. The load chain is calibrated, proof load tested and meets the requirements of EN 818-7.
- **Smooth and efficient operation:** the compact and lightweight construction, combined with a sprocket wheel equipped with needle bearings and a drive shaft supported by needle and slide bearings, ensures smooth and efficient operation. The fine-calibrated load chain offers quiet and seamless performance.
- **Quality load chain:** the load chain complies with the EN818-7 T(8) standard and features a Chrome 6-free electro-galvanized surface finish to protect it from corrosion.
- **Easy positioning and safe hooks:** swivel hooks at both ends make in-line positioning easy. The hooks are designed to open at overload instead of breaking, enhancing safety. Heavy-duty steel safety latches and deformation check dots forged into the side of the hooks allow for easy overload detection.
- **Convenient maintenance and documentation:** each hoist is RFID-equipped for easy service and inspection, and a QR code provides on-site access to multilingual user manuals. A test certificate and Declaration of Conformity are enclosed with each hoist, ensuring compliance and traceability.
- **Available spare parts:** spare parts such as hooks, brake discs, safety latches, and chains are readily available, ensuring that maintenance and repairs can be carried out efficiently and further extending the hoist's service life.

Product options:

- **Overload Protection Device (OLP):** the PLH-S2 OLP model is factory-equipped with an Overload Protection device, which limits the maximum operating force that can be applied using the ratchet lever, ensuring safe and controlled lifting operations.

Material: Durable all steel construction

Marking: According to standard, CE-marked, UKCA-marked, POWERTEX, Model, WLL, Chain, Serial number, User manual/QR code

Temperature range: -10°C up to +50°C

Finish: Powder coated finish and plated frame components

Standard: EN 13157, EN 818-7

Safety factor: 4:1

Also available with COROLIM® surface-treated load chain. The unique COROLIM® surface treatment of the load chain provides excellent corrosion protection, equivalent to ISO944-9 C5 High / ISO9223 C3 standards, ensuring long-lasting durability even in harsh environments.

Part code	WLL ton	Lifting height m	Number of falls	Model	Load chain mm	Hand force max. kg	A, B, C, D, E, F, H min mm	Weight kg	Delivery time
500500030150880	0.25	1.5	1	PLH-S2/250KG PHCA	4,0 x 12,0	28.2	100 70 86 163 20 31 235	2.7	2
500500030300880	0.25	3	1	PLH-S2/250KG PHCA	4,0 x 12,0	28.2	100 70 86 163 20 31 235	3.23	2
500500050150880	0.5	1.5	1	PLH-S2/500KG PHCA	5,0 x 15,0	24.8	150 90 118 253 22 32 310	5.2	2
500500050300880	0.5	3	1	PLH-S2/500KG PHCA	5,0 x 15,0	24.8	150 90 118 253 22 32 310	5.95	10
500500080150880	0.8	1.5	1	PLH-S2/800KG PHCA	5,6 x 17,0	26.5	158 98 132 273 26 36 340	6.6	10
500500080300880	0.8	3	1	PLH-S2/800KG PHCA	5,6 x 17,0	26.5	158 98 132 273 26 36 340	7.6	10
500500160150880	1.6	1.5	1	PLH-S2/1600KG PHCA	7,1 x 21,0	29.5	185 111 145 378 29 43 400	11	10
500500160300880	1.6	3	1	PLH-S2/1600KG PHCA	7,1 x 21,0	29.5	185 111 145 378 29 43 400	12.6	2
500500320150880	3.2	1.5	1	PLH-S2/3200KG PHCA	10,0 x 28,0	33.5	212 124 198 418 37 50 520	19.9	10
500500320300880	3.2	3	1	PLH-S2/3200KG PHCA	10,0 x 28,0	33.5	212 124 198 418 37 50 520	23.2	10
500500630150880	6.3	1.5	2	PLH-S2/6300KG PHCA	10,0 x 28,0	37	212 124 230 418 43 53 640	24.6	10
500500630300880	6.3	3	2	PLH-S2/6300KG PHCA	10,0 x 28,0	37	212 124 230 418 43 53 640	31.2	10
500500900150880	9	1.5	3	PLH-S2/9000KG PHCA	10,0 x 28,0	42	212 124 338 418 44 67 730	50	10
500500900300880	9	3	3	PLH-S2/9000KG PHCA	10,0 x 28,0	42	212 124 338 418 44 67 730	60	10

Blueprint

