



## Lever Hoist POWERTEX PLH-S2 with Corolim® Chain

### Product information

**POWERTEX**



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 European-made COROLIM® protected load chain offers quiet and seamless performance.
- **Load chain with superior corrosion resistance:** the unique COROLIM® surface treatment of the load chain provides excellent corrosion protection, equivalent to ISO944-9 C5High / ISO9223 C3 standards, ensuring long-lasting durability even in harsh environments.
- **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, 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

| Part code       | WLL<br>ton | Lifting height<br>m | Number of falls | Model             | Load chain<br>mm | Hand force max.<br>kg | A<br>mm | B<br>mm | C<br>mm | D<br>mm | E<br>mm | F<br>mm | H min<br>mm | Weight<br>kg |
|-----------------|------------|---------------------|-----------------|-------------------|------------------|-----------------------|---------|---------|---------|---------|---------|---------|-------------|--------------|
| 500500030150560 | 0.25       | 1.5                 | 1               | PLH-S2/250KG PHC  | 4,0 x 12,0       | 28.2                  | 100     | 70      | 86      | 163     | 20      | 31      | 235         | 2.7          |
| 500500030300560 | 0.25       | 3                   | 1               | PLH-S2/250KG PHC  | 4,0 x 12,0       | 28.2                  | 100     | 70      | 86      | 163     | 20      | 31      | 235         | 3.23         |
| 500500050150560 | 0.5        | 1.5                 | 1               | PLH-S2/500KG PHC  | 5,0 x 15,0       | 24.8                  | 150     | 90      | 118     | 253     | 22      | 32      | 310         | 5.2          |
| 500500050300560 | 0.5        | 3                   | 1               | PLH-S2/500KG PHC  | 5,0 x 15,0       | 24.8                  | 150     | 90      | 118     | 253     | 22      | 32      | 310         | 5.2          |
| 500500080150560 | 0.8        | 1.5                 | 1               | PLH-S2/800KG PHC  | 5,6 x 17,0       | 26.5                  | 158     | 98      | 132     | 273     | 26      | 36      | 340         | 6.6          |
| 500500080300560 | 0.8        | 3                   | 1               | PLH-S2/800KG PHC  | 5,6 x 17,0       | 26.5                  | 158     | 98      | 132     | 273     | 26      | 36      | 340         | 7.6          |
| 500500160150560 | 1.6        | 1.5                 | 1               | PLH-S2/1600KG PHC | 7,1 x 21,0       | 29.5                  | 185     | 111     | 145     | 378     | 29      | 43      | 400         | 11           |
| 500500160300560 | 1.6        | 3                   | 1               | PLH-S2/1600KG PHC | 7,1 x 21,0       | 29.5                  | 185     | 111     | 145     | 378     | 29      | 43      | 400         | 12.6         |
| 500500320150560 | 3.2        | 1.5                 | 1               | PLH-S2/3200KG PHC | 10,0 x 28,0      | 33.5                  | 212     | 124     | 198     | 418     | 37      | 50      | 520         | 19.9         |
| 500500320300560 | 3.2        | 3                   | 1               | PLH-S2/3200KG PHC | 10,0 x 28,0      | 33.5                  | 212     | 124     | 198     | 418     | 37      | 50      | 520         | 23.2         |
| 500500630150560 | 6.3        | 1.5                 | 2               | PLH-S2/6300KG PHC | 10,0 x 28,0      | 37                    | 212     | 124     | 230     | 418     | 43      | 53      | 640         | 24.6         |
| 500500630300560 | 6.3        | 3                   | 2               | PLH-S2/6300KG PHC | 10,0 x 28,0      | 37                    | 212     | 124     | 230     | 418     | 43      | 53      | 640         | 31.2         |
| 500500900150560 | 9          | 1.5                 | 3               | PLH-S2/9000KG PHC | 10,0 x 28,0      | 42                    | 212     | 124     | 338     | 418     | 44      | 67      | 730         | 50           |
| 500500900300560 | 9          | 3                   | 3               | PLH-S2/9000KG PHC | 10,0 x 28,0      | 42                    | 212     | 124     | 338     | 418     | 44      | 67      | 730         | 60           |

Blueprint

