



# Aluminum Lever Hoist Powertex PALH-S1

## Product information

### POWERTEX



Extremely small and lightweight aluminum lever hoist. It weighs only approximately 50% of a similar standard lever hoist. The hoist can be used for lifting as well as pulling. 250 kg-750 kg hoists are delivered with a handy carrying/belt bag.

#### Features:

- Safe - Each hoist is dynamic proof load tested 1,5 x WLL before leaving the factory
- Compact, lightweight construction with aluminum covers
- Durable construction with powder coated finish and plated frame parts
- Lever hoist is chromium 6 free
- Sealed bearings inside maximize efficiency and serviceability.
- Sprocket wheel surface treated against wear and corrosion
- Safe and well covered automatic load reaction break
- Equipped with double brake pawls
- Fine calibrated Electro Galvanized (European made) load chain for smooth operation
- Swivel hooks at both ends makes in line positioning easy
- Hooks are designed to open at overload instead of breaking
- Hooks fitted with heavy duty steel safety latches
- Hook have Deformation Check Dots forged into side for overload detection
- RFID equipped (chip) for easy service and inspection
- QR code for on-site access to Multilanguage user manuals
- Test certificate and Declaration of Conformity enclosed with each hoist
- 14 language User manual enclosed with each hoist
- Spare parts available

**Material:** Durable aluminium/steel construction, rubber handle  
**Marking:** According to standard, CE-marked, Powertex, Model, WLL, Chain type , Serial number, User manual/QR code  
**Temperature range:** -10°C up to +50°C  
**Finish:** White powder coated body, side plate assembly and hooks black powder coated  
**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 | g<br>mm | s<br>mm | t<br>mm | Weight<br>kg | Delivery time |
|-----------------|------------|---------------------|-----------------|----------------|------------------|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|---------------|
| 500500030150460 | 0.25       | 1.5                 | 1               | PALH-S1/250KG  | 3 x 9            | 29                    | 87      | 68      | 200     | 145     | 55.5    | 35.5    | 21      | 32      | 11      | 1.45         | 2             |
| 500500030300460 | 0.25       | 3                   | 1               | PALH-S1/250KG  | 3 x 9            | 29                    | 87      | 68      | 200     | 145     | 55.5    | 35.5    | 21      | 32      | 11      | 1.95         | 2             |
| 500500050150460 | 0.5        | 1.5                 | 1               | PALH-S1/500KG  | 4 x 12           | 27                    | 100.5   | 81      | 250     | 160     | 62.5    | 42      | 24.5    | 34.5    | 12      | 2.5          | 2             |
| 500500050300460 | 0.5        | 3                   | 1               | PALH-S1/500KG  | 4 x 12           | 27                    | 100.5   | 81      | 250     | 160     | 62.5    | 42      | 24.5    | 34.5    | 12      | 3.3          | 2             |
| 500500080150460 | 0.75       | 1.5                 | 1               | PALH-S1/750KG  | 5 x 15           | 33                    | 105     | 92      | 260     | 180     | 64      | 42      | 28.5    | 35.5    | 14      | 3.4          | 2             |
| 500500080300460 | 0.75       | 3                   | 1               | PALH-S1/750KG  | 5 x 15           | 33                    | 105     | 92      | 260     | 180     | 64      | 42      | 28.5    | 35.5    | 14      | 4.3          | 2             |
| 500500150150460 | 1.5        | 1.5                 | 1               | PALH-S1/1500KG | 7,1 x 20,1       | 42                    | 122     | 109     | 330     | 220     | 68.5    | 52      | 35      | 42.5    | 21.5    | 6.27         | 10            |
| 500500150300460 | 1.5        | 3                   | 1               | PALH-S1/1500KG | 7,1 x 20,1       | 42                    | 122     | 109     | 330     | 220     | 68.5    | 52      | 35      | 42.5    | 21.5    | 8.2          | 2             |
| 500500300150460 | 3          | 1.5                 | 2               | PALH-S1/3000KG | 7,1 x 20,1       | 43                    | 122     | 160     | 432     | 220     | 68.5    | 61.9    | 43      | 50      | 24.5    | 9.11         | 2             |
| 500500300300460 | 3          | 3                   | 2               | PALH-S1/3000KG | 7,1 x 20,1       | 43                    | 122     | 160     | 432     | 220     | 68.5    | 61.9    | 43      | 50      | 24.5    | 12.4         | 10            |

## Blueprint

