

## 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

... [Read more](#)

**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

## Aluminum Lever Hoist Powertex PALH-S1

### Blueprint



### Technical data

| Part code       | WLL ton | Lifting height m | Number of falls | Model          | Load chain mm | Hand force max. kg | a mm  | b mm | c mm | d mm | e mm | f mm | g mm | s mm | t mm | Weight kg |
|-----------------|---------|------------------|-----------------|----------------|---------------|--------------------|-------|------|------|------|------|------|------|------|------|-----------|
| 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      |
| 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      |
| 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       |
| 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       |
| 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       |
| 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       |
| 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      |
| 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       |
| 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      |
| 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      |