

## 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

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**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

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## 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
16.20PALHS10025015	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
16.20PALHS10025030	0.25	3	1	PALH-S1/250KG	3 x 9	29	87	68	200	145	55.5	35.5	21	32	11	1.95
16.20PALHS10050015	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
16.20PALHS10050030	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
16.20PALHS10075015	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
16.20PALHS10075030	0.75	3	1	PALH-S1/750KG	5 x 15	33	105	92	260	180	64	42	28.5	35.5	14	4.3
16.20PALHS10150015	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
16.20PALHS10150030	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
16.20PALHS10300015	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
16.20PALHS10300030	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