



LHT-H 005L



LHT-G 005L



Combined power

Saving headroom

The very best manual chain hoist PREMIUM PRO and a trolley LST are put together in an integrated combination to save headroom. That means the distance between load point of hook and bottom of beam flange. This is very important if rooms are low or space is narrow. Halls can be build smaller what saves costs. Or if the clearance in older buildings is too narrow for standard hoists – this is the solution!

Advantages of trolley hoist

- shortens downtime in ships
- enables low cost bridge cranes
- labor saving during repair and maintenance works.
- optimal space utilisation

Low headroom trolley hoist LHT

The close combination of hoist and trolley with low headroom offers a unit that is both functional and versatile. There is less timespent messing with equipment and money is saved. The LHT-line uses the quality advantages of the PREMIUM PRO manual chain hoists. The smoothly moving and operation on ball bearings plus a perfectly finish of surface protection offers the user an uncomparable reliability. The standard equipped overload protection fulfills even the high demands on ocean going vessels.

Designs:

- LHT-H** = Chain hoist in push trolley
- LHT-G** = Chain hoist in gear type trolley

Standard version:

- PREMIUM chain hoist with 3 m lift and 2.5 m hand chain operation length
- Available as manual push trolley (TYPE -H) or geared trolley (TYPE -G)
- A contour trolley wheel design provides maximum beam contact on flat or tapered beams. Tilting and climbing protection according CE-regulations are self-evident.

Options (on request):

- Chain case (what is very unusual for manual chain hoists) for down-hanging loose chain that may cause trouble in some cases.
- For corrosive environments, completely zinc plated surfaces are also available for the trolley
- Special non-corrosive and non-sparking steels for chain
- Special flange widths of up to 305 mm are possible if the specified adjustment range (dimension H) is no longer sufficient.
- Low headroom trolley hoist with position lock device

TYPE	LHT...-H/-G	005L	010L	015L	020L	030L	050L	100L	200L
Capacity	kg	500	1,000	1,500	2,000	3,000	5,000	10,000	20,000
Standard lift	m	3	3	3	3	3	3	3	3
Number of chain falls		1	1	1	1	1	2	3	8
Chain size	mm	5 x 15	6 x 18	8 x 24	8 x 24	10 x 30	10 x 30	10 x 30*	10 x 30
Min. headroom (A)	mm	268	318	388	388	472	595	800	965
Beam flange width min.-max. (M)	mm	50-203	64-203	88-203	88-203	100-203	114-203	124-203	136-203
Min. curve radius	m	0.85	1	1.1	1.1	1.3	1.4	2	3.5
Meters hand chain to pull to lift 1 m	m	29.5	39.4	60.8	60.8	96.7	193.3	290	386.7
Reel path for 1 m path LHT-G	m	3	3.6	4.7	4.7	5.7	6.3	8	10.6
Dimension H min. LHT-H	mm	298	314	325	325	355	381	388	-
Dimension H min. LHT-G	mm	342	363	374	374	403	428	445	498
B	mm	238	288	338	338	390	472	476	564
C	mm	352	420	487	487	566	745	940	1165
D	mm	54	67	80	80	100	109	133	170
E	mm	78	96	111	111	133.5	145	176	228
F	mm	3	3	3	3	4	4	4	4
G	mm	∅ 38	∅ 44	∅ 50	∅ 50	∅ 63	∅ 60	∅ 75	∅ 120
J	mm	102	112	131	131	153	168	194	234
K	mm	24	28	31	31	40	40	48	96
R	mm	∅ 20	∅ 24	∅ 29	∅ 29	∅ 34	∅ 39	∅ 44	∅ 59
S	mm	23	24	28	28	26	28	50	55
Weight with 3 m lift LHT-H	kg	13.5	22	42	42	56	82	143	331
Weight with 3 m lift LHT-G	kg	14.8	23.5	43.7	43.7	58	85	148	353
LHT-H with 3 m lift	Order No.	G20300	G20301	G20302	G20303	G20304	G20305	G20307	G20309
Additional 1 m lift (LHT-H)	Order No.	G10271	G10242	G10243	G10243	G10272	G10246	G20077	G20079
LHT-G with 3 m lift	Order No.	G20310	G20311	G20312	G20313	G20314	G20315	G20317	G20319
Additional 1 m lift (LHT-G)	Order No.	G20320	G20321	G20322	G20323	G20324	G20325	G20327	G20329
Position lock device	Order No.	G10180	G10181	G10182	G10182	G10183	G10184	G10185	G10186
Larger flange width (M) min.-max.	mm	64-305	64-305	88-305	88-305	100-305	114-305	124-305	136-305
	Order No.	G20090	G20091	G20092	G20093	G20094	G20095	G20097	G20099

Chain bag (plastic) on request.

* Grade 100

