



LHT-H-EX 005L
Version Medium



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LHT-G-EX 005L
Version Medium



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Combination chassis LHT-EX

By directly connecting the pulley block and trolley, the upper hook of the conventional pulley block is eliminated, thus significantly reducing the overall height. Here we use our proven Premium Pro hoist in the explosion-proof version.

The Premium Pro ball-bearing pulley block is also suitable for heavy-duty use and is protected against corrosion by its coated components. Additional stainless steel components prevent sparking. The standard overload protection prevents overloading of the hoist and load-bearing structure. If the Ex-class Medium or High is required, the load hook is additionally coated against sparking.

The LHT chassis is coated on all sides to reduce sparking and the stainless steel ball bearing wheels ensure smooth running.

Depending on which Ex-class is required, stainless steel load and hand chains are used.

Standard version:

- Premium Pro EX (BASIC, Medium, High) 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.

Advantages of trolley hoist:

- Optimal space utilisation
- Shortens downtime in ships
- Enables low cost bridge cranes
- Labor saving during repair and maintenance works.

Types:

LHT-H-EX = Chain hoist in push trolley

LHT-G-EX = Chain hoist in gear type trolley

TYPE	LHT...-H/-G-EX	005L	010L	015L	020L	030L	050L	100L
Capacity Basic/Medium	kg	500	1,000	1,500	2,000	3,000	5,000	10,000
Capacity High	kg	500	950	1,250	1,250	2,000	3,200	6,400
Standard lift	m	3	3	3	3	3	3	3
Number of chain falls		1	1	1	1	1	2	3
Chain size	mm	5 x 15	6 x 18	8 x 24	8 x 24	10 x 30	10 x 30	10 x 30*
Min. headroom (A)	mm	268	318	388	388	472	595	800
Flange width min. – max. (M)	mm	50 – 203	64 – 203	88 – 203	88 – 203	100 – 203	114 – 203	124 – 203
Min. curve radius	m	0.85	1	1.1	1.1	1.3	1.4	2
Reel path for 1 m lift	m	29.5	39.4	60.8	60.8	96.7	193.3	290
Reel path for 1 m path LHT-G-EX ...	m	3	3.6	4.7	4.7	5.7	6.3	8
Weight with 3 m lift LHT-H ...	kg	13.5	22	42	42	56	82	143
Weight with 3 m lift LHT-G ...	kg	14.8	23.5	43.7	43.7	58	85	148
Version Basic: LHT-H-EX ... with 3 m lift	Order No.	G20460	G20461	G20462	G20463	G20464	G20465	G20466
Version Medium: LHT-H-EX ... with 3 m lift	Order No.	G20470	G20471	G20472	G20473	G20474	G20475	G20476
Additional lift (Basic/Medium) per m (LHT-H ...)	Order No.	G10271	G10242	G10243	G10243	G10272	G10246	G20077
Version High: LHT-H-EX ... with 3 m lift	Order No.	G20480	G20481	G20482	G20483	G20484	G20485	G20486
Additional lift (High) per m (LHT-H ...)	Order No.	G50025	G50026	G50027	G50028	G50029	G50030	G50031
Version Basic: LHT-G-EX ... with 3 m lift	Order No.	G20490	G20491	G20492	G20493	G20494	G20495	G20496
Version Medium: LHT-G-EX ... with 3 m lift	Order No.	G20500	G20501	G20502	G20503	G20504	G20505	G20506
Additional lift (Basic/Medium) per m (LHT-G-EX ...)	Order No.	G20320	G20321	G20322	G20323	G20324	G20325	G20327
Version High: LHT-G-EX ... with 3 m lift	Order No.	G20510	G20511	G20512	G20513	G20514	G20515	G20516
Additional lift (High) per m (LHT-G-EX ...)	Order No.	G20536	G20537	G20538	G20539	G20540	G20541	G20542
Position lock device	Order No.	G20521	G20522	G20523	G20524	G20525	G20526	G20527
Larger flange width (M) min. – max.	mm	64 – 305	64 – 305	88 – 305	88 – 305	100 – 305	114 – 305	124 – 305
	Order No.	G20090	G20091	G20092	G20093	G20094	G20095	G20097

Chain bag (plastic) upon request.

* Grade 100

