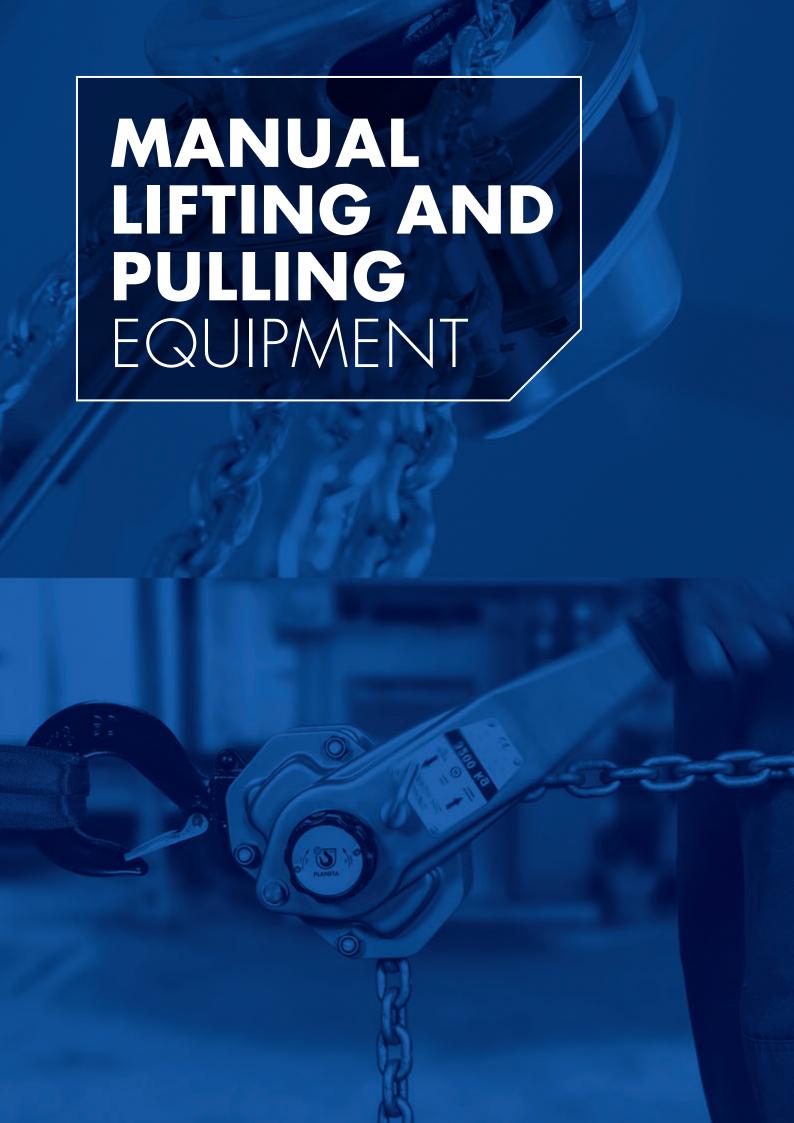


LIFTING WITHOUT LIMITS











Manual chain hoist PREMIUM PRO

Compact and light

The new PREMIUM-PRO chain hoist is the systematic development of the established PREMIUM series and is manufactured using the latest technology. Compared to its predecessors, it is much lighter and provides better handling thanks to its compact design.

Despite the weight saving, working stability has been improved thanks to the clever construction. The chromeplated housing for corrosion protection and overload protection as standard reinforce the high quality of the PLANETA-PREMIUM PRO product.

Load chain

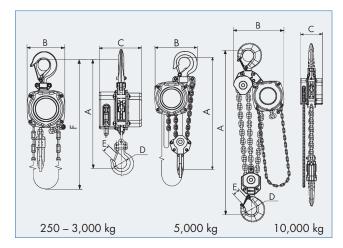
Tempered and galvanised load chain "Made in Germany" according to DIN EN 818-7-T. Up to 3 t in a single strand. Higher lifting on request, any length can be delivered.

Galvanised or powder-coated on all sides

Dirt or rain have no effect on this device. All connection and housing parts are protected against corrosion.

Chain mounting

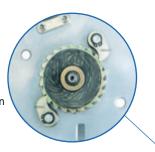
Thanks to the easily-accessible chain mounting, any user can insert a longer chain if required.



TYPE PREMIU/	M PRO	0.25	0.5	1	1.5	2	3	5	10	15	20	30	40
Capacity	kg	250	500	1,000	1,500	2,000	3,000	5,000	10,000	15,000	20,000	30,000	40,000
Standard lift	m	3	3	3	3	3	3	3	3	3	3	3	3
Min. headroom (A)	mm	285	316	367	409	428	504	637	735	1,036	1,031	1,149	1,557
Hand chain force	daN	22	22.1	33.2	32.3	43	40.6	33.8	45.1	36	38	40	40
Hand chain operation length	m	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Meters hand chain to pull to lift 1	m m	14.8	29.5	39.4	60.8	60.8	96.7	193.3	290	290	386.7	580	773.3
Number of chain falls		1	1	1	1	1	1	2	3	6	8	12	16
Chain size	mm	4 x 12	5 x 15	6 x 18	8 x 24	8 x 24	10 x 30	10 x 30	10 x 30*	10 x 30	10 x 30	10 x 30	10 x 30
B (Dimensions)	mm	102	122	152	176	176	216	259	344	441	432	532	961
С	mm	112	11 <i>7</i>	144	156	156	167	167	167	221	222	220	282
D	mm	35	35	44	48	50	59	68	91	97	106	150	216
Е	mm	23	23	30	31	34	40	47	61	65	73	92	148
F	m	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Weight with standard lift	kg	5.9	7.6	11.5	17.2	17.2	27	40.5	61.9	137.9	202.9	268.9	440
Weight for 1 m add. lifting heigh	t** kg	1.2	1.4	1.7	2.3	2.3	3.1	5.3	7.5	14.9	19.3	28.1	36.9
PREMIUM PRO with 3 m lift C	order No.	G10310	G10311	G10312	G10313	G10314	G10315	G10316	G10317	G10308	G10318	G10319	G10309
Additional 1 m lift	Order No.	G10270	G10271	G10242	G10243	G10243	G10272	G10246	G10247	G10273	G10248	G10058	G10274
RFID-Chip incl. mounting	Order No.	G10600	G10600	G10600	G10600	G10600	G10600	G10600	G10600	G10600	G10600	G10600	G10600

^{*} Grade 100 **1 m operating lenght and 1 m lift

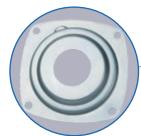






Swivelling top and bottom hook

Extra brake dust cover





3-fold bearing of the gearbox

Standard overload protection (over 500 kg)





Powder-coated (RAL 9022) housing for best corrosion protection

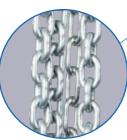






Ball bearing mounted sprocket shaft







PREMIUM PRO 1000 kg



New cast hook clips

Chain bag Chain bag size Order Order Order (Plastic) (max. lift in m) No. No. Size 1 2 3 2 G10500 G10510 G10520 PREMIUM PRO 0.25 26 32 G10501 G10511 G10521 **PREMIUM PRO 0.5** 16 19 22 G10502 G10512 G10522 PREMIUM PRO 1 14 17 11 **PREMIUM PRO 1.5** 6 8 10 G10503 G10513 G10523 PREMIUM PRO 2 6 8 G10504 G10514 G10524 PREMIUM PRO 3 5 G10505 G10515 G10525 4 6 G10506 G10516 G10526 **PREMIUM PRO 5** 2 2.5 3 **PREMIUM PRO 10** G10507 G10517 G10527 o. r. o. r. o. r. G10508 G10518 G10528 PREMIUM PRO 20 o. r. o. r. o. r. PREMIUM PRO 30 G10509 G10519 G10529 o. r. o. r. o. r.

Options:

- Short model as a combination of chain hoist PREMIUM PRO and trolley
- Chain bag as an accessory
- Also available with GL (Germanischer Lloyd) certification!
 For shipyards, ships and the chemical industry.
- 😥-Design



Option:
With RFID
chip for
digital
equipment
testing.



Option: Chain bag













LST-Trolleys

LST-trolleys are manufactured in a higher quality for a very rough and unusual use.

The chain hoist PREMIUM PRO of the same capacity as the trolley fit easily into the lugs with their top hook, but these LST-trolleys are best combined with PREMIUM PRO. Trolleys have rubber buffers at both sides!

Wide adjustment for any flange width

Discs of different thicknesses are on the carrying bolts that allow to make the distance between side plates shorter or longer by exchanging them from outside to inside.

There are two main bolt lengths. The standard bolts are adjustable for normal width. Bolts of size 2 offer more possibilities up to beam flange sizes on HE-B-beams with 300 mm width. Prefer this when unclear for what kind of work you will use them.

Double safety

Climb stop on both side of the beam flange hinders the trolley to climb up the beam and prevents from falling down. Right angled side plates work as wheel shaft breakage protection, falling down protection and beam flange cleaner.

Sturdy side plates

The load is balanced by two carrying bolts on all four wheels because the castle nuts tie only one side. This gives the bolts a bit of tolerance for movement and equalizes unproper beam flanges.

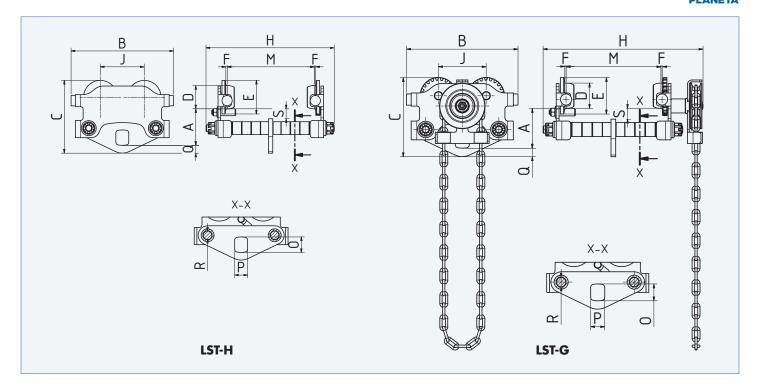
DESIGNS:

LST-H = Push trolley

LST-G = Gear type trolley

The manual trolleys shown are designed for use with manual hoists.



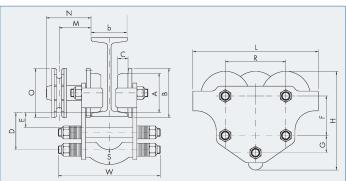


TYPE TYPE	LST-H LST-G	0.5 0.5	1 1	2 2	3 3	5 5	10 10	- 20
Capacity	kg	500	1,000	2,000	3,000	5,000	10,000	20,000
Flange width M minmax.	mm	50-203	64-203	88-203	100-203	114-203	124-203	136-203
Min. curve radius	m	0.85	1	1.1	1.3	1.4	2	a.A.
Hand chain operation length LST-G	m	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Reel path for 1 m path LST-G	m	2.96	3.63	4.65	5.66	6.34	7.98	10.63
A (Dimensions)	mm	85	103	115	125	143	187	250
В	mm	238	288	338	390	472	476	564
С	mm	169	207	237	271	307	381	514
D	mm	54	67	80	100	109	133	170
Е	mm	78	96	111	133.5	145	176	228
F	mm	3	3	3	4	4	4	4
H (LST-H)	mm	298	314	325	355	381	388	-
H (LST-G)	mm	342	363	374	403	428	445	498
J	mm	102	112	131	153	168	194	234
0	mm	36	40	48	54	66	80	130
P	mm	30	36	40	46	52	64	100
Q	mm	18	22	26	29	37	40	65
R	mm	Ø 20	Ø 24	Ø 29	Ø 34	Ø 39	Ø 44	Ø 59
S	mm	23	24	28	26	28	50	55
Net weight LST-H	kg	9	14	22	36	55	86	_
Net weight LST-G	kg	11	16	24	39	59	89	190
LST-H	Order No.	G20340	G20341	G20342	G20343	G20344	G20345	-
LST-G with 2.5 m operation length	Order No.	G20350	G20351	G20352	G20353	G20354	G20355	G20356
Larger flange width minmax.	mm Order No.	50 – 305 G20090	64 – 305 G20091	68 – 305 G20093	100 – 305 G20094	114 – 305 G20095	124 – 305 G20097	136 – 305 G20099
Add. operator length hand chain per m	Order No.	G20017	G20017	G20017	G20017	G20017	G20017	G20017
Position lock device	Order No.	G10180	G10181	G10182	G10183	G10184	G10185	G10186
Extended handwheel shaft	Order No.	G20360	G20361	G20362	G20363	G20364	G20365	G20366

More capacities on request!







HD3N-Trolleys

Zinc plated design

HD3N-trolleys have outstanding corrosion protection. All steel parts are electrolytically zinc plated. This is a must in wet rooms and in very aggressive environment. Larger flange width (size 2 - 4) are optional. Wheels fit flat and also tapered flanges!

Capacities up to 25 t on request.

Many special version upon request.

- NIROSTA trolleys up to 3 t
- Bogie trolleys up to 10 t
- Rack gear trolleys up to 12.5 t
- Person transporting trolleys acc. EN 1808 up to 4 t capacity

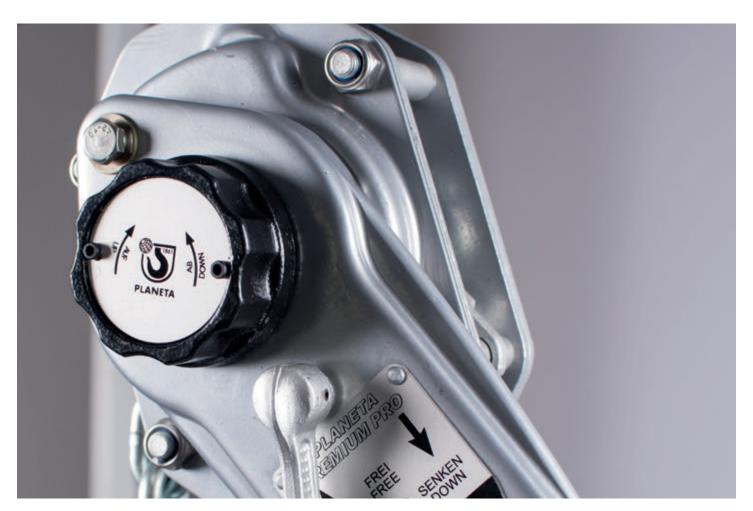


1m more operation length	Order No.
Standard zinc plated (2.5 m total)	G20118

TYPE TYPE	HD3N-H-VZ HD3N-G-VZ	0.5	1	2 2	3.2 3.2	5 5	6.3 6.3	8* 8*	10 10	12.5 12.5	20 20
Capacity	kg	500	1,000	2,000	3,200	5,000	6,300	8,000	10,000	12,500	20,000
Maximum weight of hoist	ka	100	120	250	150	300	200	550	600	150	800
Flange width b	min. / max. size 1 mm	55/102	55/102	74/127	90/143	106/156	106/156	106/166	131/195	143/222	170/212
	min. / max. size 2 mm	105/152	105/152	127/180	149/203	160/210	160/210	167/247	196/271	223/298	_
	min. / max. size 3 mm	_	156/203	190/243	203/254	210/260	210/260	248/349	272/363	299/389	_
	min. / max. size 4 mm	_	207/254	254/305	251/305	255/305	255/305	_	_	_	_
Hand chain force	daN	_	10	16	25	20	25	16	19	23	25
Hand chain operation length	m	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Min. curve radius	m	1	1.5	1.6	2	2.9	2.9	3.5	3.5	3.5	5.5
A (Dimensions)	mm	45	60	80	100	125	125	160	160	160	200
В	mm	60	75	100	120	150	150	190	190	190	240
С	mm	15	18	22	25	30	30	35	35	35	50
D	mm	52	60	75	90	117	117	145	145	145	165
Е	mm	15	20	27	35	40	40	45	45	45	42
F	mm	45	60	80	100	120	120	145	145	145	165
G	mm	30	30	35	40	60	60	80	80	80	100
Н	mm	125	150	195	235	295	300	365	370	375	450
L	mm	150	190	255	300	375	375	450	450	450	550
M	mm	_	65	65	70	100	100	115	115	115	135
N	mm	-	90	90	95	130	130	135	135	135	170
0	mm	_	100	100	100	135	135	270	270	270	300
W	size 1 mm	160	170	215	250	275	275				
	size 2 mm	210	220	265	310	330	330				
	size 3 mm	-	270	330	360	380	380	b + 150	b + 150	b + 150	b + 185
	size 4 mm	-	325	390	410	425	425				
R	mm	75	99	123	144	174	174	220	220	220	272
S	size 1 mm	20	20	30	35	40	45	40	50	55	65
	size 2 mm	20	25	35	40	45	50	45	55	60	_
	size 3 mm	-	30	35	40	50	55	50	60	65	_
	size 4 mm	-	30	40	45	50	55	-	_	-	-
Net weight HD3N-H-VZ	kg	3	5	11	18	33	35	85	90	95	150
Net weight HD3N-G-VZ	kg	-	6	12	19	35	36	90	95	100	160
HD3N-H-VZ	Order No.	G20230	G20231	G20232	G20233	G20234	G20235	G20236	G20256	G20257	G20285
HD3N-G-VZ with 2.5 m oper	ation length Order No.	-	G20237	G20238	G20239	G20240	G20241	G20242	G20258	G20259	G20286
Larger flange width size 2-4	Order No.	G20243	G20244	G20245	G20246	G20247	G20248	-	-	-	-

^{*} From 8 t version: Surface painted, color RAL 7021. / The trolleys shown are designed for use with manual hoists.













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

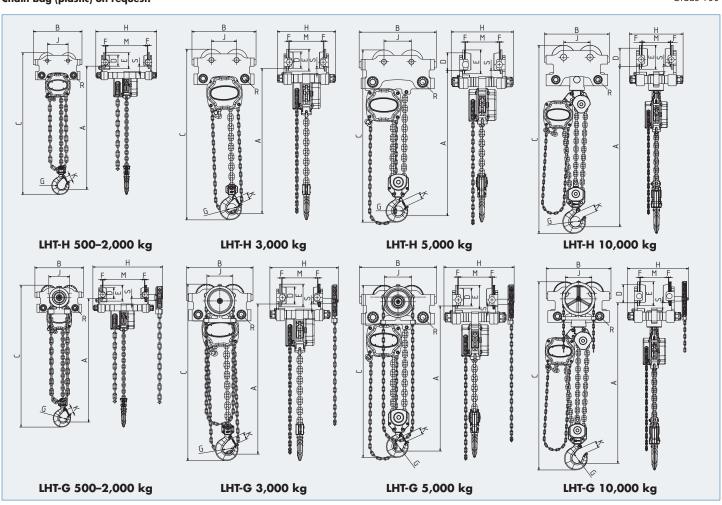


DI	Λ	N	Εī	ГΔ

ТҮРЕ	LHTH/-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 minmax. (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
В	mm	238	288	338	338	390	472	476	564
С	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	Ø 38	Ø 44	Ø 50	Ø 50	Ø 63	Ø 60	Ø 75	Ø 120
J	mm	102	112	131	131	153	168	194	234
K	mm	24	28	31	31	40	40	48	96
R	mm	Ø 20	Ø 24	Ø 29	Ø 29	Ø 34	Ø 39	Ø 44	Ø 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) minmax.	mm Order No.	64-305 G20090	64-305 G20091	88-305 G20092	88-305 G20093	100-305 G20094	114-305 G20095	124-305 G20097	136-305 G20099

Chain bag (plastic) on request.

^{*} Grade 100



Lifting trolley LHT-Hyperlow

Extremely short design

The PKB trolley is an extremely compact combination hoist, consisting of trolley and integrated chain hoist, with a very low overall height. The load hook is pulled directly under the flange of the girder - you can't get any shorter for single girder trolleys!

Features

- Low weight
- Extremely low overall height
- Low effort required for hand chain operation
- Double safety catches
- 2-layer surface finish in RAL 5010

Quality features

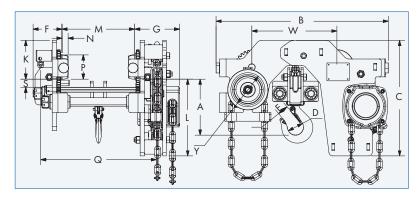
A solid steel construction with proven standard hoist components (including overload protection).

Basic equipment

- Contoured wheel profiles for flat and inclined beams.
- Quenched and tempered and galvanised load chain with the properties of DIN EN 818-7-T, hand chain in galvanised design.
- Standard lift 3 m and hand chain operating length 2.5 m.
- Comprehensive operating instructions and test book.

Special equipment

Special ATEX protection with bronze parts and galvanisation, chain bag, locking device: on request.







TYPE	LHT-Hyperlow	10	20	32	63	100
Capacity	kg	1,000	2,000	3,200	6,300	10,000
Standard lift	m	3	3	3	3	3
Number of chain falls		2	2	2	2	4
Chain size	mm	5 x 15	6 x 18	8 x 24	10 x 30	10 x 30
Hand chain force	daN	29.5	33.2	34.4	43.2	33.8
Min. Headroom (A)	mm	156	173	212	249	305
Beam flange width min max. (M)	mm	64 – 203	88 – 203	100 – 203	114 – 203	124 – 203
Meters hand chain to pull to lift 1 m	m	59.06	78.76	121.52	193.33	386.68
Reel path for 1 m path	m	3.575	4.630	5.643	5.708	6.701
B (Dimensions)	mm	482	569	647	738	916
С	mm	323	393	487	592	580
D	mm	45	50	58	68	91
E	mm	30	34	38	47	61
F	mm	81	91	111	135	160
G	mm	126	154	162	194	192
K	mm	108	138	165	214	196
L	mm	215	254	322	378	384
N	mm	17	20	24	33	37
P	mm	68	80	100	109	133
Q	mm	324	340	381	427	426
S	mm	22	22	21	24	28
W	mm	238	280	330	375	480
Υ	mm	95.5	127.3	159.2	160	222.8
Weight with standard lift	kg	59	68.8	139	227.5	340.7
Weight for 1 m add. lifting height	kg	2.8	3.3	4.5	6.1	10.5
LHT-Hyperlow with 3 m lift	Order No.	G20380	G20381	G20382	G20383	G20385
Additional 1 m lift	Order No.	G20390	G20391	G20392	G20393	G20395

Aluminium lever hoist PAH

The new PLANETA PAH aluminium ratchet lever hoist is an essential tool in industrial and service applications thanks to its very small and light design.

A closed, well-designed aluminium die-cast housing protects the inner components against dirt. Equipped with two robust hook clips, the PAH meets all safety requirements and guarantees safe work.

The new robust chain end piece provides additional safety because the chain cannot be pulled through the device in this way.

A release lever enables the chain to be pulled through quickly when not under load.

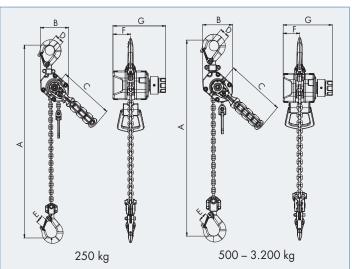
Usable at ambient temperatures from -20 °C to +60 °C.

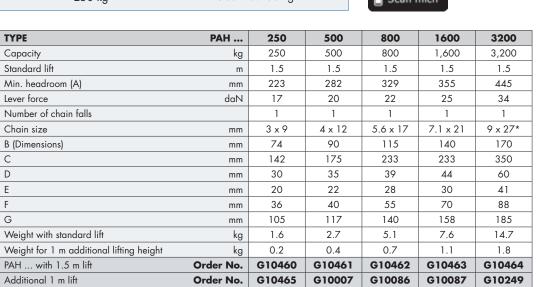
Tempered and galvanized chain according to DIN EN 818-7-T.

Hand lever with rubber handle (only for 250 kg/500 kg load bearing capacity)

The standard lift is 1.5 m

Option: With RFID chip for digital equipment testing.





G10601

G10601

G10601

G10601

G10601

Order No.



Incl. practical bag for the models PAH 250 & 500



RFID-Chip incl. mounting

^{*} Grade 100



Lever hoist PLANETA-PREMIUM PRO

The next development stage of the reliable PREMIUM lever hoist is the PREMIUM PRO. Thanks to a significant weight saving, handling is improved. Despite this, the frame has been strengthened compared to the previous generation. Proven quality also ensures longevity and its design makes it very robust.

Free-running mode

When the selection switch is moved to the middle point, the unladen chain can easily be pulled through the device freely to the required usage length. This makes tensioning the chain easier.

Load chain

The tempered, galvanised load chain according to DIN EN 818-7-T is supplied with the unit. The standard lifting height is 1.5 m; any length required for higher lifting is possible.

New chain end piece

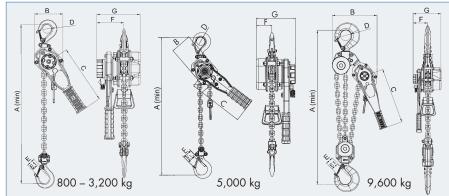
The robust chain end piece provides additional safety because it cannot be pulled through the device with the chain.

Protected handle

The ergonomic rubber handle on the end of the lever protects the user against injury and is also screwed in place to prevent it slipping.

Technical advantages

Hand lever can be used in any position thanks to the ratchet; safety automatic mechanical brake; galvanised connecting parts; cast hook clip; large, non-slip and closed hand wheel; safety chain end piece, approved for load securing according to EN 12195-3.



ТҮРЕ	PREMIUM PRO	0.8	1.6	3.2	5**	6.4	9.6
Capacity	kg	800	1,600	3,200	5,000	6,400	9,600
Standard lift	m	1.5	1.5	1.5	1.5	1.5	1.5
Min. headroom (A)	mm	320	360	431	655	500	635
Lever force	daN	22	24	33	37	36	38
Meters load chain movement with 1 round 360°	m	0,019	0,015	0,016	0,009	0,008	0,005
Number of chain falls		1	1	1	1	2	3
Chain size	mm	5.6 x 17	7.1 x 21	9 x 27*	13 x 36	9 x 27*	9 x 27*
B (Dimensions)	mm	115	137	169	180	238	300
С	mm	239	259	374	400	374	374
D	mm	35	42	48	60	60	70
E	mm	35	38	46	43	59	54
E1	mm	23	28.5	33	41	39	51
F	mm	91	67	98	104	98	98
G	mm	146	162	187	213	187	187
Weight with standard lift	kg	6.3	8.8	16.4	32.5	24.9	42.1
Weight for 1 m additional lifting height	kg	0.7	1.1	1.8	3.7	3.6	5.4
PREMIUM PRO with 1.5 m lift	Order No.	G10390	G10391	G10392	G10280	G10394	G10395
Additional 1 m lift	Order No.	G10086	G10087	G10249	G10287	G10254	G10256
Chain inhibit lock	Order No.	G10450	G10451	G10452	G10453	G10452	G10452
RFID-Chip incl. mounting	Order No.	G10600	G10600	G10600	G10600	G10600	G10600

^{*} Grade 100 ** chromated





