Push and geared type trolley model HTP and model HTG

Capacity 500 - 20000 kg

The trolley enables the exact positioning or easy traversing of large loads with either manual or powered hoisting equipment.

Features

- It has excellent rolling features due to machined steel wheels mounted on prelubricated, encapsulated ball bearings.
- Adjustable to fit a wide range of beam widths and profiles (e.g. INP, IPE and IPB).
- Adjustments are made by rotating the clevis load bar which also ensures the centred positioning of the hoist in the clevis – no creeping to the left or the right.
- The trolley wheels are designed for a max. beam profile incline of 14 % (DIN 1025 - part 1).

Options

- Rotating hand chain guide.
- Stainless steel hand chains.
- Buffers
- Corrosion resistant version.
- Locking device to secure the trolley in position on the beam (park position e.g. on ships).

INFO

Yale hoists and trolleys are not designed for passenger elevation applications and must not be used for this purpose.

Technical data model HTP

Model	EAN-No. 4025092*	Capacity kg	Size	Beam flange width b mm	Beam flange thickness t max. mm	Curve radius min. m	Hand effort at WLL daN	Weight kg	Weight with locking device kg
HTP 500	*054874	500	A	50 - 220	25	0.9	–	8.0	14.5
HTP 1000	*054881	1000	A	50 - 220	25	0.9	–	9.0	17.0
HTP 2000	*054898	2000	A	66 - 220	25	1.15	–	16.0	24.0
HTP 3000	*054904	3000	A	74 - 220	25	1.4	–	32.0	41.2
HTP 5000	*054911	5000	A	90 - 220	25	1.8	–	48.0	58.5
HTP 500	*054928	500	B	160 - 300	40	0.9	–	10.6	17.1
HTP 1000	*054935	1000	B	160 - 300	40	0.9	–	12.0	20.0
HTP 2000	*054942	2000	B	160 - 300	40	1.15	–	19.3	27.3
HTP 3000	*054959	3000	B	160 - 300	40	1.4	–	35.8	45.0
HTP 5000	*054966	5000	B	180 - 300	40	1.8	–	52.2	62.7

Technical data model HTG

Model	EAN-No 4025092*	Capacity kg	Size	Beam flange width b mm	Beam flange thickness t max. mm	Curve radius min. m	Hand effort at WLL daN	Weight [1] kg	Weight [1] with locking device kg
HTG 500	*074711	500	A	50 - 220	25	0.9	3	9.7	16.2
HTG 1000	*074728	1000	A	50 - 220	25	0.9	6	11.2	19.2
HTG 2000	*074735	2000	A	66 - 220	25	1.15	7	18.0	26.0
HTG 3000	*074742	3000	A	74 - 220	25	1.4	7	35.4	44.6
HTG 5000	*074759	5000	A	90 - 220	25	1.8	9	51.8	62.3
HTG 500	*074766	500	B	160 - 300	40	0.9	3	12.6	19.1
HTG 1000	*074841	1000	B	160 - 300	40	0.9	6	14.1	22.1
HTG 2000	*074773	2000	B	160 - 300	40	1.15	7	21.3	29.3
HTG 3000	*074780	3000	B	160 - 300	40	1.4	7	39.2	48.4
HTG 5000	*074797	5000	B	180 - 300	40	1.8	9	56.0	66.5
HTG 8000	*074803	8000	B	125 - 310	40	1.8	14	104.0	–
HTG 10000	*074810	10000	B	125 - 310	40	1.8	14	104.0	–
HTG 15000	*074827	15000	B	125 - 310	40	5.0	29	230.0	–
HTG 20000	*074834	20000	B	125 - 310	40	5.0	29	230.0	–

[1] Weight HTG: without hand chain

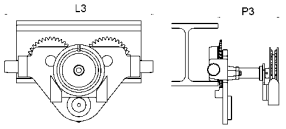
Available in explosion proof version (see page 460).

Dimensions model HTP

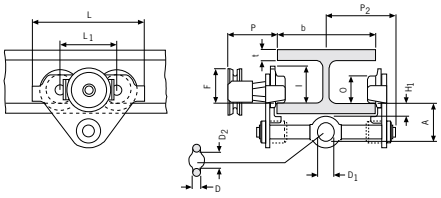
Model	HTP 500-A	HTP 1000-A	HTP 2000-A	HTP 3000-A	HTP 5000-A	HTP 500-B	HTP 1000-B	HTP 2000-B	HTP 3000-B	HTP 5000-B
A, mm	77	82.5	98.5	114	132.5	92	97.5	113.5	129	147.5
D, mm	16	17	22	26	33	16	17	22	26	33
D1, mm	25	30	40	48	60	25	30	40	48	60
D2, mm	30	35	47	58	70	30	35	47	58	70
F1, mm	46	46	46	46	45.5	46	46	46	46	45.5
H1, mm	30.5	30.5	30.5	30	30	45.5	45.5	45.5	45	45
I (HTP), mm	71.5	71.5	95.5	131	142.5	71.5	71.5	95.5	131	142.5
L, mm	260	260	310	390	450	260	260	310	390	450
L1, mm	130	130	150	180	209	130	130	150	180	209
O, mm	60	60	80	112	125	60	60	80	112	125
P1, mm	168	168	168	168	168	168	168	168	168	168
P2, mm	146	150	155	160	167.5	187	187	189.5	191.5	191.5
L3, mm	346	346	396	476	556	346	346	396	476	556

Dimensions model HTG

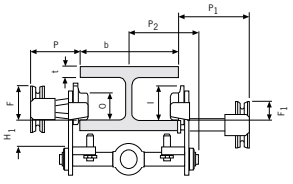
Model	HTG 500-A	HTG 1000-A	HTG 2000-A	HTG 3000-A	HTG 5000-A	HTG 500-B	HTG 1000-B	HTG 2000-B	HTG 3000-B	HTG 5000-B	HTG 8000-B	HTG 10000-B	HTG 15000-B	HTG 20000-B
A, mm	77	82.5	98.5	114	132.5	92	97.5	113.5	129	147.5	276	276	270	270
B, mm	–	–	–	–	–	–	–	–	–	–	52	52	70	70
D, mm	16	17	22	26	33	16	17	22	26	33	30	30	35	35
D1, mm	25	30	40	48	60	25	30	40	48	60	80	80	110	110
D2, mm	30	35	47	58	70	30	35	47	58	70	114	114	155	155
F (HTG), mm	91.5	91.5	90.5	107.5	149.5	91.5	91.5	90.5	107.5	149.5	113	113	113	113
F1, mm	46	46	46	46	45.5	46	46	46	46	45.5	77	77	–	–
H1, mm	30.5	30.5	30.5	30	30	45.5	45.5	45.5	45	45	45	45	45	45
I (HTG), mm	76.5	76.5	98	132.5	148.5	76.5	76.5	98	132.5	148.5	170	170	170	170
L, mm	260	260	310	390	450	260	260	310	390	450	430	430	870	870
L1, mm	130	130	150	180	209	130	130	150	180	209	200	200	200	200
L2, mm	–	–	–	–	–	–	–	–	–	–	–	–	115	115
O, mm	60	60	80	112	125	60	60	80	112	125	150	150	150	150
P (HTG), mm	110	110	110	110	110	110	110	110	110	110	163	163	163	163
P1, mm	168	168	168	168	168	168	168	168	168	168	193	193	–	–
P2, mm	146	150	155	160	167.5	187	187	189.5	191.5	191.5	–	–	–	–
T, mm	–	–	–	–	–	–	–	–	–	–	270	270	270	270
L3, mm	346	346	396	476	556	346	346	396	476	556	536	536	976	976
P3, mm	194	194	194	195	195	194	194	194	195	195	–	–	–	–



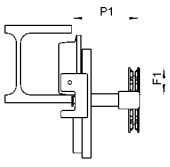
Model HTG 500 - 5000 kg with rotating hand chain guide and buffers



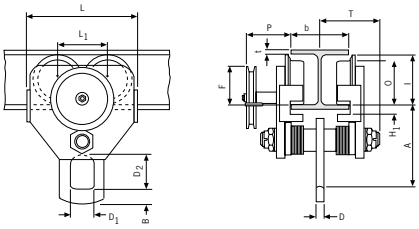
Model HTP/G 500 - 5000 kg



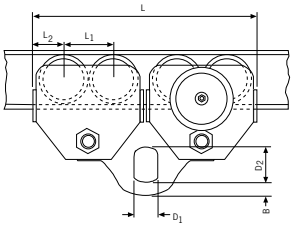
Model HTP/G 500 - 5000 kg, with locking device



Model HTG 10000 kg, locking device



Model HTG 10000 kg



Model HTG 20000 kg