

# Yale

ATEX 



## ATEX

### General information on explosion protection.

Some products from our standard range have been modified for use in potentially explosive atmospheres (areas).

The products of this field have been approved by the TÜV Rheinland and DEKRA EXAM.

The corresponding documentation is deposited by the notified bodies.

## INFO

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Apart from electric explosion protection regulation, there are standards on mechanical explosion proof.

Please consider these standards!

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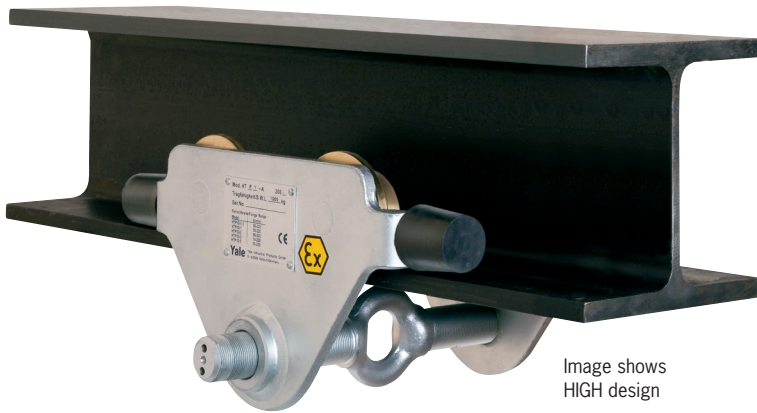


Image shows HIGH design

## Push and geared type trolley model HTP/G ATEX

### Capacity 500 - 20000 kg

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

### Features

- The trolley wheels (only for HIGH design) are designed for a max. beam profile incline of 14% (DIN 1025-1), excellent rolling features due to prelubricated and 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.
- Explosion protected version with spark resistant coating.
- Trolleys equipped with rubber buffers.
- Stainless steel hand chain for model HTG.

### Option

- Locking device to secure the trolley in position on the beam (park position e.g. on ships).

### Technical data model HTP ATEX BASIC II 3 GD c IIB T4 / II 2 GD c IIA T4

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 ATEX 500	*362504	500	A	50 - 220	25	0.9	–	8.0	14.5
HTP ATEX 1000	*362535	1000	A	50 - 220	25	0.9	–	9.0	17.0
HTP ATEX 2000	*362542	2000	A	66 - 220	25	1.15	–	16.0	24.0
HTP ATEX 500	*362559	500	B	160 - 300	40	0.9	–	10.6	17.1
HTP ATEX 1000	*362573	1000	B	160 - 300	40	0.9	–	12.0	20.0
HTP ATEX 2000	*362580	2000	B	160 - 300	40	1.15	–	19.3	27.3

### Technical data model HTP ATEX HIGH II 2 GD c IIC T4

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 ATEX 500	*573894	500	A	50 - 220	25	0.9	–	8.0	14.5
HTP ATEX 1000	*573900	1000	A	50 - 220	25	0.9	–	9.0	17.0
HTP ATEX 2000	*573917	2000	A	66 - 220	25	1.15	–	16.0	24.0
HTP ATEX 500	*362764	500	B	160 - 300	40	0.9	–	10.6	17.1
HTP ATEX 1000	*362771	1000	B	160 - 300	40	0.9	–	12.0	20.0
HTP ATEX 2000	*362788	2000	B	160 - 300	40	1.15	–	19.3	27.3

## Technical data model HTG ATEX BASIC II 3 GD c IIB T4 / II 2 GD c IIA T4

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
HTG ATEX 500	*362597	500	A	50 - 220	25	0.9	3	9.7	16.2
HTG ATEX 1000	*362603	1000	A	50 - 220	25	0.9	6	11.2	19.2
HTG ATEX 2000	*362610	2000	A	66 - 220	25	1.15	7	18.0	26.0
HTG ATEX 3000	*362627	3000	A	74 - 220	25	1.4	7	35.4	44.6
HTG ATEX 5000	*362634	5000	A	90 - 220	25	1.8	9	51.8	62.3
HTG ATEX 500	*362641	500	B	160 - 300	40	0.9	3	12.6	19.1
HTG ATEX 1000	*362658	1000	B	160 - 300	40	0.9	6	14.1	22.1
HTG ATEX 2000	*362665	2000	B	160 - 300	40	1.15	7	21.3	29.3
HTG ATEX 3000	*362672	3000	B	160 - 300	40	1.4	7	39.2	48.4
HTG ATEX 5000	*362689	5000	B	180 - 300	40	1.8	9	56.0	66.5
HTG ATEX 8000	*362719	8000	B	125 - 310	40	1.8	14	104.0	-
HTG ATEX 10000	*362726	10000	B	125 - 310	40	1.8	14	104.0	-
HTG ATEX 15000	*377577	15000	B	125 - 310	40	5.0	29	230.0	-
HTG ATEX 20000	*377584	20000	B	125 - 310	40	5.0	29	230.0	-

## Technical data model HTG ATEX HIGH II 2 GD c IIC T4

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 <sup>1</sup> kg	Weight <sup>1</sup> with locking device kg
HTG ATEX 500	*573948	500	A	50 - 220	25	0.9	3	9.7	16.2
HTG ATEX 1000	*573955	1000	A	50 - 220	25	0.9	6	11.2	19.2
HTG ATEX 2000	*573962	2000	A	66 - 220	25	1.15	7	18.0	26.0
HTG ATEX 3000	*573979	3000	A	74 - 220	25	1.4	7	35.4	44.6
HTG ATEX 5000	*573986	5000	A	90 - 220	25	1.8	9	51.8	62.3
HTG ATEX 500	*362825	500	B	160 - 300	40	0.9	3	12.6	19.1
HTG ATEX 1000	*362795	1000	B	160 - 300	40	0.9	6	14.1	22.1
HTG ATEX 2000	*362801	2000	B	160 - 300	40	1.15	7	21.3	29.3
HTG ATEX 3000	*377591	3000	B	160 - 300	40	1.4	7	39.2	48.4
HTG ATEX 5000	*362818	5000	B	180 - 300	40	1.8	9	56.0	66.5
HTG ATEX 8000	*573702	8000	B	125 - 310	40	1.8	14	104.0	-
HTG ATEX 10000	*573719	10000	B	125 - 310	40	1.8	14	104.0	-
HTG ATEX 15000	*573726	15000	B	125 - 310	40	5.0	29	230.0	-
HTG ATEX 20000	*573733	20000	B	125 - 310	40	5.0	29	230.0	-

## INFO

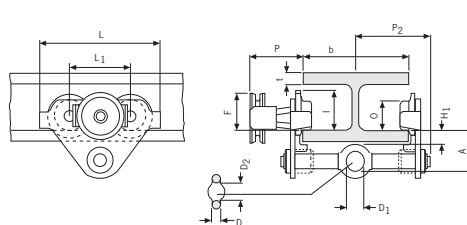
Yale hoists and trolleys are not designed for passenger elevation applications and must not be used for this purpose.

**Dimensions model HTP ATEX**

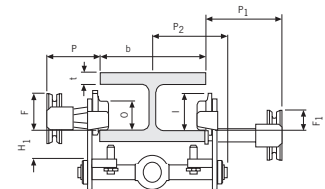
Model	HTP ATEX 500-A	HTP ATEX 1000-A	HTP ATEX 2000-A	HTP ATEX 3000-A	HTP ATEX 5000-A	HTP ATEX 500-B	HTP ATEX 1000-B	HTP ATEX 2000-B	HTP ATEX 3000-B	HTP ATEX 5000-B
A, mm	77	82.5	98.5	114	132.5	92	97.5	113.5	129	147.5
D, mm	16	17	22	26	33	16	17	22	26	33
D1, mm	25	30	40	48	60	25	30	40	48	60
D2, mm	30	35	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 ATEX), 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 ATEX**

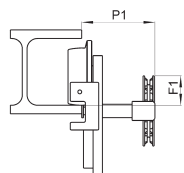
Model	HTG ATEX 500-A	HTG ATEX 1000-A	HTG ATEX 2000-A	HTG ATEX 3000-A	HTG ATEX 5000-A	HTG ATEX 500-B	HTG ATEX 1000-B	HTG ATEX 2000-B	HTG ATEX 3000-B	HTG ATEX 5000-B	HTG ATEX 8000-B	HTG ATEX 10000-B	HTG ATEX 15000-B	HTG ATEX 20000-B
A, mm	77	82.5	98.5	114	132.5	92	97.5	113.5	129	147.5	276	276	270	270
B, 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 ATEX), 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 ATEX), 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 ATEX), 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	-	-	-	-



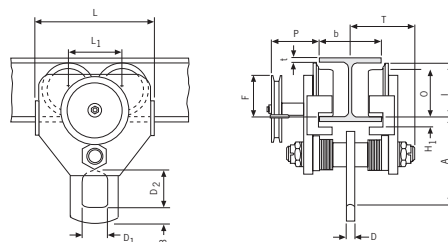
Model HTP/HTG ATEX 500 - 5000kg



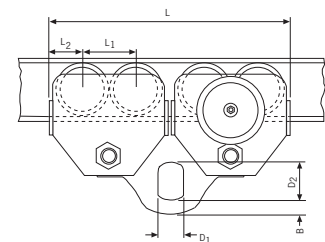
Model HTP/HTG ATEX 500 - 5000kg, with locking device



Model HTG ATEX 10000kg, locking device



Model HTG ATEX 10000kg



Model HTG ATEX 20000kg