



patented!

Optionally available with corrosion resp. spark resistant features.



Chain guide



The patented Yale brake system low noise and reduced wear.



High quality encapsulated ball bearings and sliding bushes for smooth and effortless operation.

Hand chain hoist model Yalelift 360

Capacity 500 - 20000 kg

Areas of operation as well as operator conditions have been improved in trail-blazing fashion, which goes far beyond the classical hand chain hoist.

Features

- The revolutionary 360° rotating hand chain guide allows the operator to work from virtually any position, in confined spaces or above the load. The Yalelift can even be operated from the side of the load which also makes it possible to use the hoist for horizontal pulling or tensioning. Due to the additional flexibility, the operator is no longer forced to work in the danger zone near the load.
- The new patented brake system is extremely quiet and guarantees operational safety and improved serviceability due to omission of the vulnerable ratchet pawls. All parts are made of high quality materials, additionally galvanised or yellow-chromated to increase corrosion prevention.
- The enclosed robust stamped steel housing protects all internal components even in the toughest conditions.
- Chain guide and gearbox are almost totally enclosed. Even under the toughest conditions the internal gearbox remains protected.
- The hardened load sheave with four precision machined pockets ensures accurate movement of the load chain.
- The extremely low headroom allows maximum use of the lifting height.
- The surface protected zinc-plated alloy steel load chains fulfil all requirements of current national and international standards and regulations.
- Drop forged load and suspension hooks that yield under overload instead of breaking, are made of high tensile steel and are standard for all Yale hoists. The hooks are fitted with robust safety latches and rotate 360°.

Option

- Spark resistant features.
- Overload prevention device
- Chain container
- Corrosion resistant version.

Hand chain hoist model Yalelift 360 20t

Capacity 20000 kg

The new brake system used in the Yalelift series is also employed in the Yalelift 360 20t, setting new standards in terms of operational safety and serviceability. The brake is extremely quiet and wear resistant. All components are made of high quality materials, some components are galvanized or yellow-chromated for added corrosion protection. This ensures that also heaviest loads are held reliably. In spite of its high capacity, the Yalelift 360 20t features a compact design.

The enclosed robust stamped steel body resists in the toughest conditions and allows outside operation.

The hardened load sheave with five precision machined pockets ensures accurate movement of the load chain.

The low headroom (hook-to-hook dimension 1010 mm) allows maximum use of the lifting height. The Yalelift 360 20t is equipped with six chain falls only which results in higher speed and lower weight.

Option

- Spark resistant features.
- Overload prevention device
- Chain container
- Corrosion resistant version.



The robust stamped steel housing with four stay bolts is resistant to the toughest working conditions.



The precisely machined load sheave ensures accurate movement of the load chain.



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

Hoisting Equipment Hand chain hoists

Technical data model Yalelift

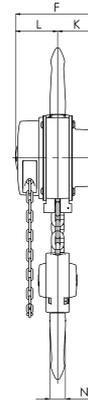
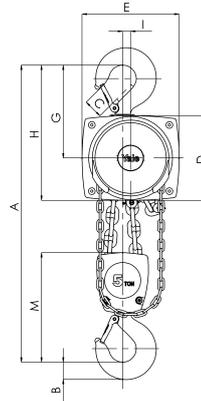
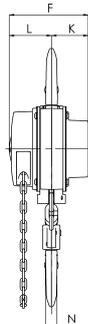
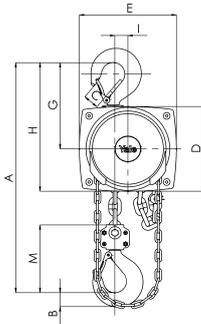
Model	EAN-No. 4025092*	Capacity kg	Number of chain falls	Chain dimensions d x p mm	Hand chain overhaul for 1 m lift m	Pull on hand chain at WLL daN	Weight at standard lift (3 m) kg
YL 500	*075183	500	1	5 x 15	30	21	9
YL 1000	*075190	1000	1	6 x 18	49	30	13
YL 2000	*075206	2000	1	8 x 24	71	32	20
YL 3000	*075213	3000	1	10 x 30	87	38	29
YL 5000	*075220	5000	2	10 x 30	174	34	38
YL 10000	*075237	10000	3	10 x 30	261	44	71
YL 20000	*080910	20000	6	10 x 30	522	2 x 44	196



Hoisting Equipment Hand chain hoists

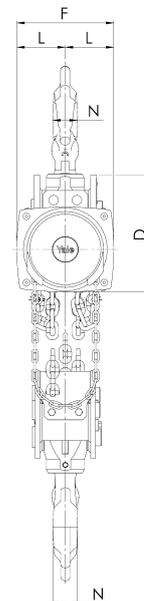
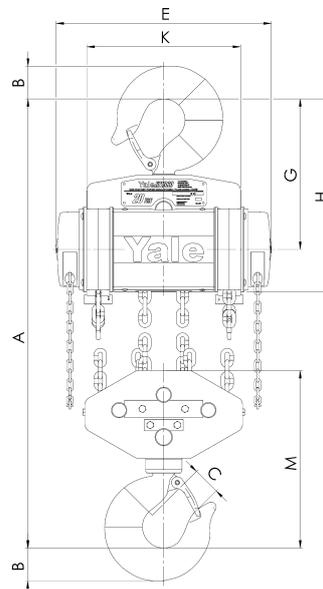
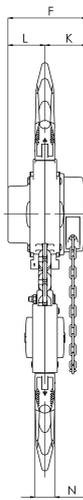
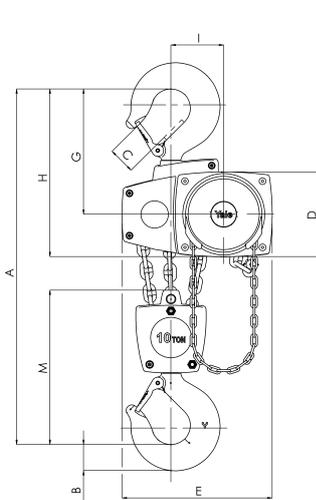
Dimensions model Yalelift

Model	YL 500	YL 1000	YL 2000	YL 3000	YL 5000	YL 10000	YL 20000
Amin., mm	300	335	395	520	654	825	1010
B, mm	17	22	30	38	45	68	85
C, mm	24	29	35	40	47	68	64
D, mm	133	156	182	220	220	220	303
E, mm	148	175	203	250	250	383	555
F, mm	139	157	183	204	204	204	250
G, mm	139	164	192	225	242	326	391
H, mm	206	242	283	335	352	436	501
I, mm	24	24	31	34	21	136	-
K, mm	61	70	83	95	95	95	396
L, mm	79	87	100	109	109	109	125
M, mm	110	125	156	178	285	401	471
N, mm	14	19	22	30	37	50	56



Model Yalelift 360, 500 - 3000 kg

Model Yalelift 360, 5000 kg



Model Yalelift 360, 10000 kg

Model Yalelift 360, 20000 kg



Depicted rubber buffers optionally available.

Hand chain hoist with integrated push or geared type trolley model Yalelift IT

Capacity 500 - 10000 kg

The combination of the Yalelift 360 with a low headroom manual trolley provides even more flexibility in the application of the Yalelift 360.

Features

- All units of this series up to a capacity of 3000 kg are provided with single chain fall and the min. headroom (Dim. A) has been further reduced. Ideal for applications with low ceilings and limited headroom.
- The proven and almost stepless adjustment system allows quick and easy assembly of the trolley.
- Trolleys up to 5 t are offered for two beam ranges. Range A for a flange width up to 180 mm is standard and covers approx. 80 % of all requirements. Conversion to range B for beam width up to 300 mm can be easily accomplished.
- The trolley wheels are designed for a max. beam profile incline of 14 % (DIN 1025 - part 1), excellent rolling features are guaranteed by prelubricated, encapsulated ball bearings.
- Anti-tilt and anti-drop devices are standard.
- A subsequent conversion of a Yalelift 360 into a Yalelift IT with integrated trolley is easily possible at any time.

Option

- Spark resistant features.
- Overload prevention device
- Chain container
- Corrosion resistant version.
- Beam locking device to secure the unloaded trolley in a fixed position on the beam (park position e.g. on ships). Available up to a capacity of 5000 kg for a maximum of 3 m track height.

Optionally available with corrosion resp. spark resistant features.

Hoisting Equipment Hand chain hoists

Technical data model Yalelift IT

Model	EAN-No. 4025092*	Capacity	Number of chain falls	Size	Beam flange width b	Beam flange thickness t	Min. radius curve	Net weight for 3 m lift - P	Net weight for 3 m lift - G	Net weight for 3 m lift with beam brake - P	Net weight for 3 m lift with beam brake - G
		kg			mm	mm	m	kg	kg	kg	kg
YLIT 500	*079006	500	1	A	50 - 180	19	0.9	20	24	26	31
YLIT 500	-	500	1	B	180 - 300	19	0.9	21	25	27	32
YLIT 1000	*079013	1000	1	A	50 - 180	19	0.9	27	32	35	40
YLIT 1000	-	1000	1	B	180 - 300	19	0.9	29	33	37	41
YLIT 2000	*079020	2000	1	A	58 - 180	19	1.15	44	49	52	57
YLIT 2000	-	2000	1	B	180 - 300	19	1.15	46	50	54	58
YLIT 3000	*079037	3000	1	A	74 - 180	27	1.5	77	82	86	91
YLIT 3000	-	3000	1	B	180 - 300	27	1.4	79	84	88	93
YLIT 5000	*079044	5000	2	A	98 - 180	27	2.0	125	130	135	140
YLIT 5000	-	5000	2	B	180 - 300	27	1.8	129	134	139	144
YLIT 10000	*080996	10000	3	B	125 - 310	40	1,8	-	-	-	-

P = with pushed trolley
G = with geared trolley



Chain guide



The patented Yale brake system low noise and reduced wear.



High quality encapsulated ball bearings and sliding bushes for smooth and effortless operation.



The robust stamped steel housing with four stay bolts is resistant to the toughest working conditions.



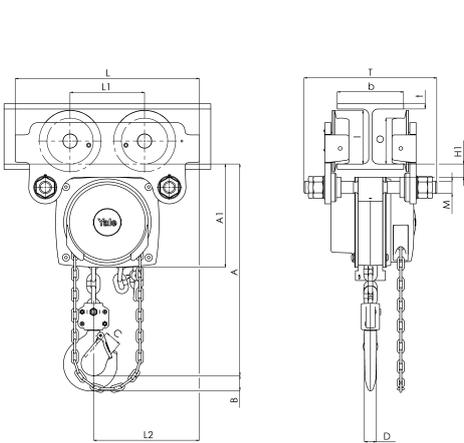
The precisely machined load sheave ensures accurate movement of the load chain.

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

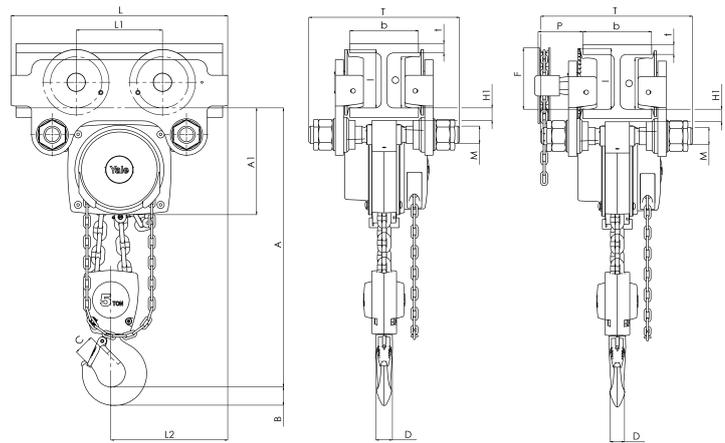
Hoisting Equipment Hand chain hoists

Dimensions model Yalelift IT

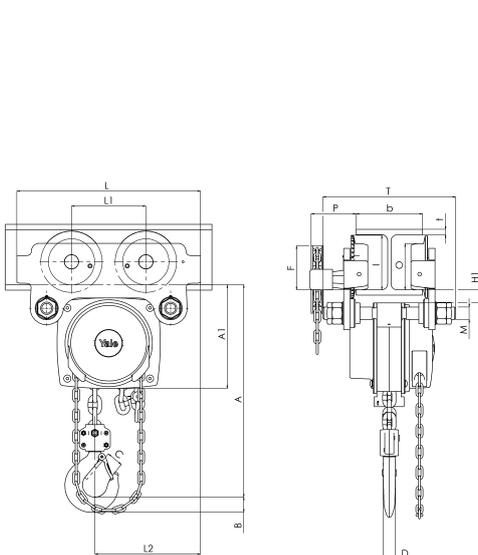
Model	YLIT 500	YLIT 1000	YLIT 2000	YLIT 3000	YLIT 5000	YLIT 10000
Amin., mm	245	272	323	382	550	784
A1, mm	158	178	205.5	252	260.5	380
A2, mm	-	-	-	-	-	-
B, mm	17	22	30	38	45	68
C, mm	24	29	35	40	47	68
D, mm	14	19	22	30	37	50
F (Geared), mm	92	92	91	107	149.5	113
H1, mm	24.5	24	23.5	32	30.5	55
I (Pushed), mm	71.5	71.5	95.5	131	142.5	169
I (Geared), mm	76.5	76.5	98	132.5	148.5	169
L, mm	270	310	360	445	525	430
L1, mm	130	130	150	180	209	200
L2, mm	159	175	207	256	283	261
L3, mm	-	-	-	-	-	-
L4, mm	-	-	-	-	-	-
M, mm	M 18	M 22	M 27	M 30	M 42	M 48
O, mm	60	60	80	112	125	150
P (Geared), mm	108	110	112	112	117	158
T (area A), mm	280	290	305	320	364	540
T (area B), mm	400	410	425	440	484	540



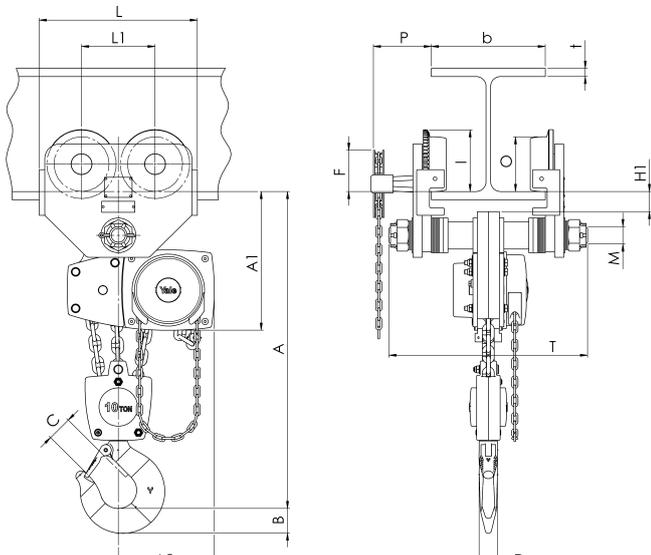
Model Yalelift ITP, 500 - 3000 kg



Model Yalelift ITP/ITG 5000 kg



Model Yalelift ITG, 500 - 3000 kg



Model Yalelift ITG, 10000 kg

Hand chain hoist with integrated push or geared type trolley (low headroom) model Yalelift LH

Capacity 500 - 10000 kg

The hand chain hoist model Yalelift LH with integrated low headroom manual trolley is the consequent further development of the Yalelift IT. Wherever an even smaller headroom is essential, the Yalelift LH is the ideal choice.

Features

- The specially developed chain reeving system and chain guide allow the bottom block to be pulled laterally to the hoist even further up and almost against the beam flange.
- The integrated design of the innovative Yalelift LH uses the same manual trolleys as incorporated in the Yalelift IT series.
- All models of the LH series up to 3000 kg capacity are provided with single chain fall.
- The proven and almost stepless adjustment system allows quick and easy assembly of the trolley.
- The trolleys are offered for two beam ranges. Range A for a flange width up to 180 mm is standard and covers approx. 80 % of all requirements. Conversion to range B for beam width up to 300 mm can be easily accomplished.
- The low headroom version of the Yalelift IT is adjustable to fit a wide range of beam profiles (e.g. INP, IPE, IPB).
- The trolley wheels are designed for a max. beam profile incline of 14 % (DIN 1025 - part 1), excellent rolling features are guaranteed by pre-lubricated, encapsulated ball bearings.
- Anti-tilt and anti-drop devices are standard.
- Excellent rolling features due to machined steel wheels mounted on pre-lubricated, encapsulated ball bearings.
- A subsequent conversion of a Yalelift 360 into a Yalelift LH with integrated trolley is also easily possible.

Option

- Overload prevention device
- Chain container
- Corrosion resistant version.
- Beam locking device to secure the unloaded trolley in a fixed position on the beam (park position e.g. on ships).



Depicted rubber buffers and chain container optionally available.

! Optionally available with corrosion resp. spark resistant features.

Hoisting Equipment Hand chain hoists

Technical data model Yalelift LH

Model	EAN-No. 4025092*	Capacity	Number of chain falls	Size	Beam flange width b	Beam flange thickness t	Min. radius curve	Net weight for 3 m lift - P	Net weight for 3 m lift - G	Net weight for 3 m lift with beam brake - P	Net weight for 3 m lift with beam brake - G
		kg			mm	mm	m	kg	kg	kg	kg
YLLH 500	*079501	500	1	A	60 - 180	19	0.9	27	31	33	38
YLLH 500	-	500	1	B	180 - 300	19	0.9	27	32	34	38
YLLH 1000	*079518	1000	1	A	70 - 180	19	0.9	35	40	43	48
YLLH 1000	-	1000	1	B	180 - 300	19	0.9	36	41	44	49
YLLH 2000	*079525	2000	1	A	82 - 180	19	1.15	61	65	69	73
YLLH 2000	-	2000	1	B	180 - 300	19	1.15	62	67	70	75
YLLH 3000	*079532	3000	1	A	100 - 180	19	1.5	107	112	116	121
YLLH 3000	-	3000	1	B	180 - 300	19	1.4	109	114	118	123
YLLH 5000	*079549	5000	2	A	110 - 180	27	2.0	152	157	162	167
YLLH 5000	-	5000	2	B	180 - 300	27	1.8	156	161	166	171
YLLH 10000	-	10000	3	A	125 - 180	40	1.8	on request	on request	on request	on request
YLLH 10000	-	10000	3	B	180 - 310	40	1.8	on request	on request	on request	on request

P = with pushed trolley

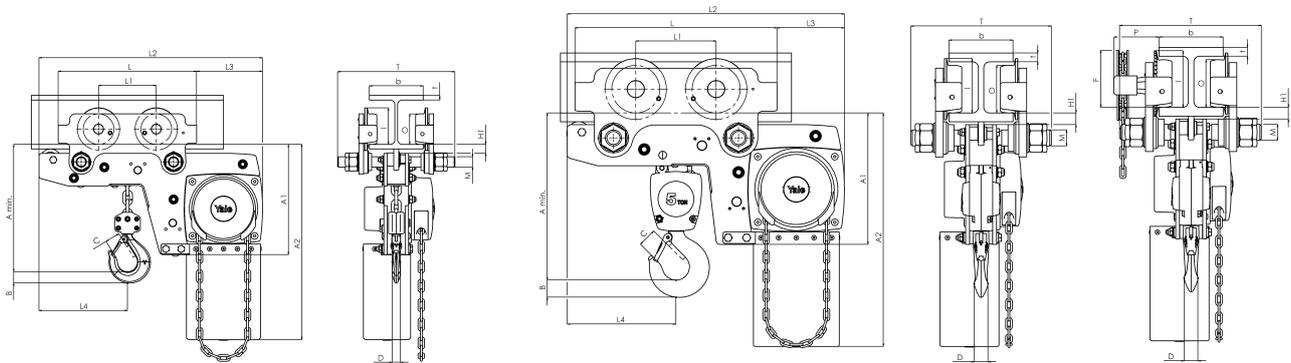
G = with geared trolley

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Hoisting Equipment Hand chain hoists

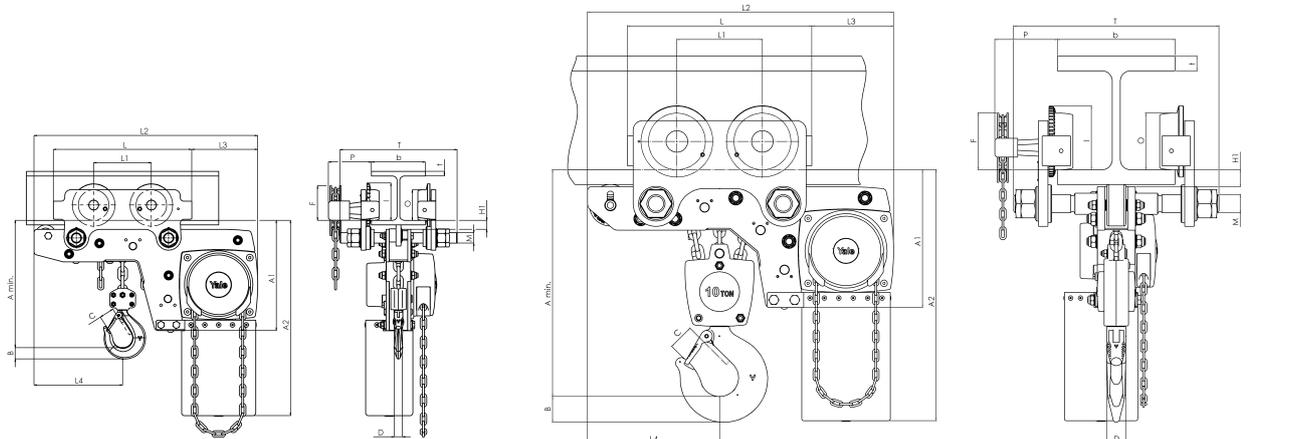
Dimensions model Yalelift LH

Model	YLLH 500	YLLH 1000	YLLH 2000	YLLH 3000	YLLH 5000	YLLH 10000
Amin., mm	188	211	264	316	425	565
A1, mm	223	250	289	346	345	365
A2, mm	381	427	511	614	612	665
B, mm	17	22	30	38	45	68
C, mm	24	29	35	40	47	68
D, mm	14	19	22	30	37	50
F (Geared), mm	92	92	91	107	150	150
H1, mm	24	24	24	32	31	45
I (Pushed), mm	72	72	96	131	143	170
I (Geared), mm	77	77	98	133	149	170
L, mm	270	310	360	445	525	485
L1, mm	130	130	150	180	209	225
L2, mm	444	488	582	690	720	805
L3, mm	124	135	172	203	175	215
L4, mm	184	201	230	265	283	348
M, mm	M 18	M 22	M 27	M 30	M 42	M 48
O, mm	60	60	80	112	125	150
P (Geared), mm	108	110	112	112	117	165
T (area A), mm	280	290	305	320	364	440
T (area B), mm	400	410	425	440	484	540



Model Yalelift LHP, 500 - 3000 kg

Model Yalelift LHP/LHG, 5000 kg



Model Yalelift LHG, 500 - 3000 kg

Model Yalelift LHG, 10000 kg



Depicted rubber buffers
optionally available.

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*Optionally available
with corrosion resp. spark
resistant features.*

Corrosion resistance CR

More life expectancy.

All models of the Yalelift programme can be supplied with corrosion resistant features which include zinc-plated load chain and stainless steel hand chain as standard.

! Corrosion protection

Corrosion starts on the surface of components due to reaction of environmental influences. This affects the mechanical properties of the components, e.g. breaking strength and total ultimate elongation. Many components are supplied in black (unmachined), bright (machined) or painted condition. This offers certain protection but after only a short period of time corrosion can begin.

With the application of a protective coating, the development of corrosion can be reduced and delayed, thus extending the service life of the treated components.

Applications for corrosion resistant units and zinc-plated resp. stainless steel load chains

Completely corrosion resistant units with either zinc-plated or stainless steel load chains should be used in all conditions with increased requirements towards corrosion protection. Typical applications are in food processing (e.g. dairy, abattoir, etc.), chemical industries (e.g. paper, dye industries), farming and sewage treatment.

Spark resistance

More safety.

All models of the Yalelift programme can be provided with the following optional features for additional protection against sparking:

- Load and hand chains from stainless steel
- Units are completely corrosion resistant
- Bronze-plated suspension and load hooks
- Solid bronze trolley wheels
- Buffers
- Chain container



Solid bronze trolley wheels.



Bronze-plated suspension and load hooks.

Overload protection

More control.

The overload protection device of the Yalelift programme reliably prevents excessive load take-up of the hoist during operation. When reaching the pre-set overload value, the unit will jam and stop operation in the lifting direction. Lowering of the load is still possible at any time. The overload protection device provides additional safety with regard to possible false estimation of the load weight and thus increases the lifetime of the hoist. The new design principle allows excellent adjustability and response.



Sparking protection

In nearly all industrial areas, and not only in the chemical industry, plants are operated in explosion endangered environments. Because of the great damage an explosion could cause to people and material values, special stringent legal and technical requirements are imposed on particularly electrical equipment used in explosion endangered environments.

Applications

Paint factories, paint shops, foundries, on-/offshore, refineries, oil depots, electroplating, automobile factories, on ships and docks, printers, textile and paper industries, food industries, glass and ceramic industries, wood working industries and hardening shops etc.

Locking device

More grip.

Yale trolleys can be attached with a locking device to secure the unit. (Parking position, e.g. shipping industry).

Chain container

More comfort.

The chain containers for Yalelift programme consist of a robust, powder-coated steel frame with a flexible chain bag made from high tensile Cordura textile fabric. Available in different sizes. Special sizes on request.

