



### C 85 Ratchet lever hoist with roller chain

Capacity 750 - 3000 kg

### D 85 Ratchet lever hoist with link chain

Capacity 750 - 10000 kg

Almost unlimited applications in maintenance, mining, construction, steel fabrication, shipbuilding and utility work. Ideal for moving and positioning heavy machines and securing heavy loads, simplifies setting pipes etc. in manholes and trenches.

#### Features

- Enclosed housing with housing cover, handlever and bottom block made from high tensile white malleable cast iron for overall rugged construction.
- Wet painting colour code RAL 1023.
- The graphite cast iron load sheave for the link chain has precision machined chain pockets for accurate fit and durability of the load chain.
- The roller chain sprocket is made from heat treated chromium-molybdenum steel with precision machined teeth to ensure smooth chain movement.
- Alloyed steel link chain with zinc-plated, in accordance with national and international standards and regulations.

#### Options

- Except for the capacity 10 t, all units can be equipped with an overload protection (slip clutch). This slip clutch is activated at  $25\% \pm 15\%$  overload, lifting of the load is no longer possible.

## INFO

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Since 1936, the Velbert factory has built over 1 million units.



All ratchet lever hoists with a capacity exceeding 750 kg can be used for load attachment according to EN 12195.

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



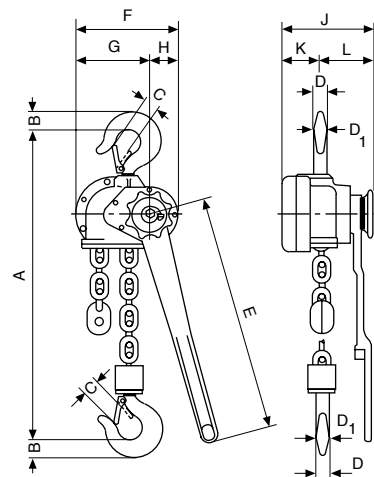
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## Technical data C 85

Model	Art.-No.	Capacity kg	Number of chain falls	Chain dimensions p x b <sub>1</sub>	Chain dimensions p x b <sub>1</sub>	Lift with one full lever turn mm	Handle pull at WLL daN	Weight at standard lift (1.5 m) kg
				 inch	 mm			
ZUGHUB C 85 750	N01141295	750	1	5/8" x 3/8"	15.875 x 9.65	115	38	8.7
ZUGHUB C 85 1500	N01141296	1500	1	1" x 1/2"	25.4 x 12.7	45	31	17.0
ZUGHUB C 85 3000	N01141297	3000	1	1 1/4" x 5/8"	31.75 x 15.875	36	40	22.2

## Dimensions C 85

Model	ZUGHUB C 85 750	ZUGHUB C 85 1500	ZUGHUB C 85 3000
A min., mm	322	389	403
B, mm	21	27	35
C, mm	27	30	34
D, mm	15	20	25
D1, mm	17	23	25
E, mm	443	443	570
F, mm	112	189	197
G, mm	56	134	142
H, mm	56	55	55
J, mm	142	171	179
K, mm	39	72	76
L, mm	103	99	103



## Technical data D 85

Model	Art.-No.	Capacity kg	Number of chain falls	Chain dimensions d x p in mm/ design	Lift with one full lever turn mm	Handle pull at WLL daN	Weight at standard lift (1.5 m) kg
ZUGHUB D 85 750	N01541291	750	1	6 x 18.5 - T	111	38	8.2
ZUGHUB D 85 1500	N01541292	1500	1	9 x 27 - T	45	31	16.3
ZUGHUB D 85 3000	N01541293	3000	1	11 x 31 - T	33	40	19.6
ZUGHUB D 85 6000	N01541294	6000	2	11 x 31 - T	17	42	32.9
ZUGHUB D 85 10000	N01541511	10000	3	11 x 31 - T	11	37	60.0

## Dimensions D 85

Model	ZUGHUB D 85 750	ZUGHUB D 85 1500	ZUGHUB D 85 3000	ZUGHUB D 85 6000	ZUGHUB D 85 10000
A min., mm	322	389	403	532	805
B, mm	21	27	35	48	61
C, mm	27	30	34	46	54
D, mm	15	20	25	40	40
D1, mm	17	23	25	40	45
E, mm	443	443	570	570	570
F, mm	112	189	197	197	305
G, mm	56	134	142	142	163
H, mm	56	55	55	55	142
J, mm	142	171	179	218	218
K, mm	39	72	76	76	76
L, mm	103	99	103	142	142



**Option:**  
Overload protection  
for C/D 85.



## Yale *ERGO 360*<sup>®</sup>

### Ratchet lever hoist

Capacity 750 - 9000 kg

Redefining lever-operated hoists, the Yale *ERGO 360*<sup>®</sup> features the revolutionary crank handle that allows for efficient operation in both lifting and pulling applications. Ergonomically designed for increased safety, the patented Yale *ERGO 360*<sup>®</sup> lets the operator work up to 12 times faster and with as much as 30% less pull force than with conventional ratchet lever tools.

#### Features

- The lightweight, high-strength aluminium housing with powder coating and high-quality bearings offer a long service life even with intensive use and rough operating conditions.
- The hand lever with integrated snap crank ensures ideal power transmission and enables a 360° working range. This increases productivity and reduces the risk of injury.
- Display of the operating direction or free chaining in the viewing window of the hand lever.
- The covered load pressure brake remains free of dirt and moisture, which enables precise load positioning.
- Standard free chaining device to quickly attach the load or to pull the chain through the hoist in both directions.
- Chain guide and stripper are made of robust cast iron and zinc plated to protect against corrosion.
- Alloyed steel link chain with zinc-plated resp. yellow chromated finish, in accordance with national and international standards and regulations.
- Rotatable, forged top and load hooks and casted safety latches provide reliable and safe load suspension. The screwed top hook cross bars and bottom blocks are allowed for easy maintenance.

#### Options

- All Yale *ERGO 360*<sup>®</sup> units can be equipped with an overload protection device in the form of a slip clutch which is factory preset to approx. 25% ± 15% overload.
- Shipyard hooks available for 1500 kg and 3000 kg units.



PATENTED  
**HAND LEVER WITH  
 RETRACTABLE CRANK**  
 DESIGNED FOR OPTIMAL  
 EFFICIENCY & SAFETY



Capacity  
**750 kg**

Shortest hook space  
 (A min.) 320 mm  
 Handle pull at WLL  
 crank lever handle operation  
 20 daN  
 Weight 6.7 kg



Capacity  
**1500 kg**

Shortest hook space  
 (A min.) 375 mm  
 Handle pull at WLL  
 crank lever handle operation  
 24 daN  
 Weight 9.6 kg



Capacity  
**3000 kg**

Shortest hook space  
 (A min.) 445 mm  
 Handle pull at WLL  
 crank lever handle operation  
 35 daN  
 Weight 17.2 kg



Capacity  
**6000 kg**

Shortest hook space  
 (A min.) 563 mm  
 Handle pull at WLL  
 crank lever handle operation  
 37 daN  
 Weight 28.9 kg



Capacity  
**9000 kg**

Shortest hook space  
 (A min.) 695 mm  
 Handle pull at WLL  
 crank lever handle operation  
 41 daN  
 Weight 49.5 kg



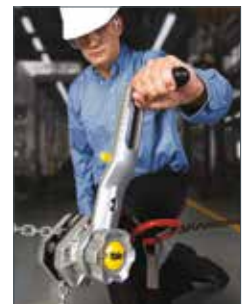
When folded out, the lever handle can serve as a carrying grip for easy transport. Simply attach the end stop to the hook and slip the hook onto the crank handle.



Unique body design allows the YaleERGO 360<sup>®</sup> to lay flat to minimize tipping or slipping during operation.



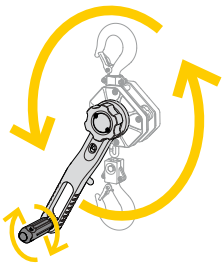
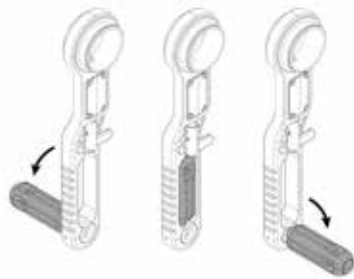
The YaleERGO 360<sup>®</sup> in conventional use.



The YaleERGO 360<sup>®</sup> in use of the extended crank handle.

## ((( DISTINCTIVE CLICKING SOUND ))) ENSURES THE HANDLE IS LOCKED INTO POSITION

To return handle to upright position, simply pull the handle outward and snap into place inside the lever.



### The hand lever with integrated crank

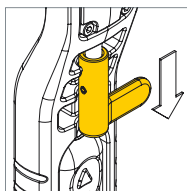
- 360° rotation increases efficiency, allowing operators to work up to 12 times faster than with a conventional ratchet lever hoist.
- Requires 30% less pull force to operate.
- Easy and effective operation from any angle with handle that folds down and locks into position on either side of the lever.
- Design keeps the operator's body aligned with the load chain, reducing the risk of the twist effect – when a hoist twists around the chain. No need to use a second hand to stabilize the hoist.
- Operator can securely grip the grooved, no-slip handle.
- Crank handle made of durable polyamide with a heavy-duty steel core for rugged use.



## SAFE & SECURE

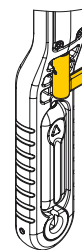
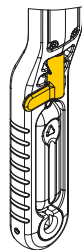
### SELECTOR LEVER LOCKS IN PLACE TO PREVENT ACCIDENTALLY SWITCHING.

Pull down on the selector lever to unlock it, turn it to the desired direction, and release it into the locking position.



### Convenient directional indicator

Easy-to-use, highly visible directional indicator window located in the handle clearly shows the operating direction as LIFTING (▲), LOWERING (▼) or NEUTRAL (N).

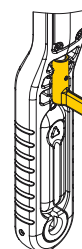


### Simple & smooth free chaining device

Quick positioning of the unloaded chain - even with one-handed operation.

In this operating mode, the chain can be pulled through the unit by hand in both directions in order to attach it more quickly.

The free chaining device is activated by moving (shifting) the lever to the neutral position (N).





## Technical data YaleERGO 360®

Model	Art.-No.	Capacity kg	Number of chain falls	Chain dimensions d x p in mm/ design	Lift with one full lever turn mm	Handle pull at WLL daN	Handle pull at WLL with crank daN	Weight at standard lift (1.5 m) kg
YaleERGO 360 750	192028204	750	1	5.6 x 17.1 - T	27.2	21	20	6.7
YaleERGO 360 1500	192028202	1500	1	7.1 x 21 - T	21.7	31	24	9.6
YaleERGO 360 3000	192028553	3000	1	10 x 28 - V	20.1	43	35	17.2
YaleERGO 360 6000	192035451	6000	2	10 x 28 - V	10.1	46	37	28.9
YaleERGO 360 9000	192039362	9000	3	10 x 28 - V	6.7	50	41	49.5

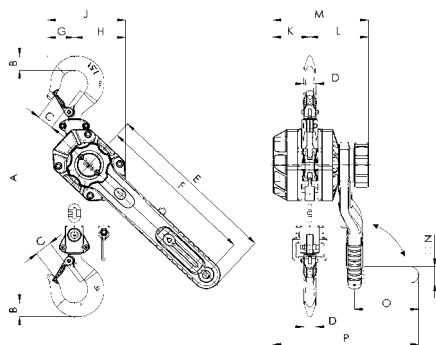
## Dimensions YaleERGO 360®

Model	YaleERGO 360 750	YaleERGO 360 1500	YaleERGO 360 3000	YaleERGO 360 6000	YaleERGO 360 9000
A min., mm	320	375	445	563	695
B, mm	20	26	37	45	68
C, mm	27	31	40	47	68
D, mm	18	21	28	35	50
E, mm	327	327	377	377	377
F, mm	300	300	350	350	350
G, mm	40	51	57	71	116
H, mm	81	96	123	162	199
J, mm	121	147	180	233	315
K, mm	56	69	86	86	86
L, mm	105	110	121	121	121
M, mm	161	179	207	207	207
N, mm	30	30	30	30	30
O, mm	120	120	120	120	120
P, mm	257	273	299	299	299

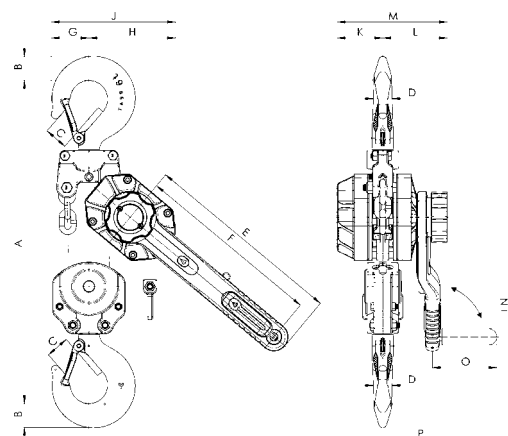
Option:

**Shipyard hooks**  
for capacities  
1500 and 3000 kg.

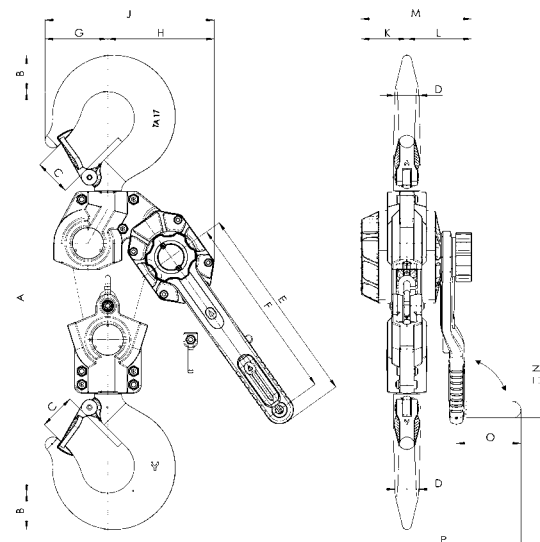
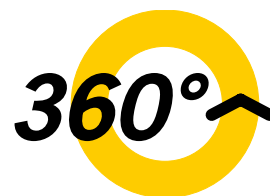
Based on a special  
design the shipyard  
hooks can be fixed to  
avoid slipping  
(resp. on steel plates  
which were braced  
for welding).



YaleERGO 360®, 750 - 3000kg, single fall



YaleERGO 360®, 6000 kg, double fall



YaleERGO 360®, 9000 kg, three fall

# Yale **ERGO 360<sup>®</sup> UT** *Utility!*



## Ratchet lever hoist with safety gear

Capacity 1500 - 9000 kg

The Yale **ERGO 360<sup>®</sup> UT** is now also redefining the world of hoists for overhead line construction. The automatically acting safety gear, with a pending patent, once more increases the safety of use.

Here, too, the ergonomic and safety enhancing design of the device and the revolutionary, patented hand lever enable efficient work at any angle, for lifting and pulling applications.

### Features

#### **AUTOMATICALLY ACTING SAFETY GEAR**

The Yale **ERGO 360<sup>®</sup> UT** has a unique, automatically locking safety device to prevent a sudden drop (patent pending). It guarantees permanent monitoring and is active during operation as well as during inactive moments without the user having to activate it.

In case of emergency, i.e. after failure of the load pressure brake and consequently exceeding the specified speed, the safety gear will automatically activate.

It safely absorbs the load, preventing the creation of larger dynamic forces which could cause further damage.

Due to its design, the device remains in a safe state even in the event of an error (e.g. rusted ratchet pawl, broken springs or other influences such as basic corrosion or dirt).

#### **EXCELLENT CORROSION PROTECTION**

A housing optimized for outdoor applications (incl. water drainage holes on all sides) prevents a build up of water and the influence of moisture in extreme conditions (e.g. rain, fluctuations in temperature). External components such as the chain guide and the stripper are zinc plated. Some of the internal moving parts such as the drive pinion, the ratchet pawl, the load chain wheel and the ratchet are MKS coated (Zinc flake coating).

### Option

#### **CHAIN STOP & CHAIN CLAW\***

Optionally, the devices can be equipped with our proven and tested YKST chain stop or the KKL chain claw.

\*The usage is based on each country's specific regulations.

PATENT PENDING  
**AUTOMATICALLY ACTING  
SAFETY GEAR**  
**DESIGNED FOR OPTIMAL  
EFFICIENCY & SAFETY**

In accordance with EN 1808 -  
Safety requirements for suspended access equipment, 8.9.2

## INFO

Extensive corrosion protection measures of the individual components ensure the proper functioning of the safety gear even during long-term use under poor weather conditions.

drain holes on all sides of the housing prevent standing water and moisture

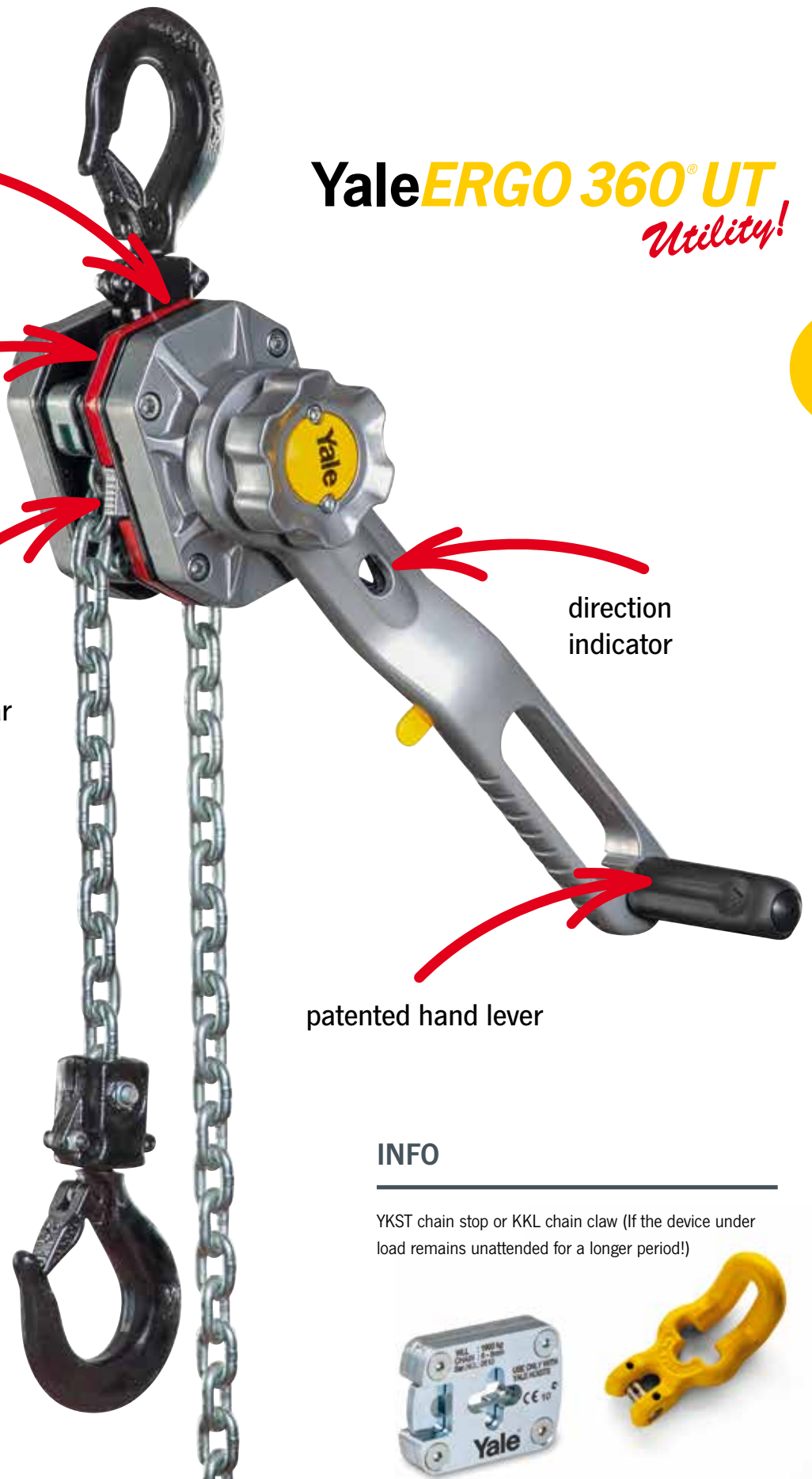
automatically acting safety gear

push button to fully reset the safety gear

# Yale **ERGO 360**® UT *Utility!*

direction indicator

patented hand lever



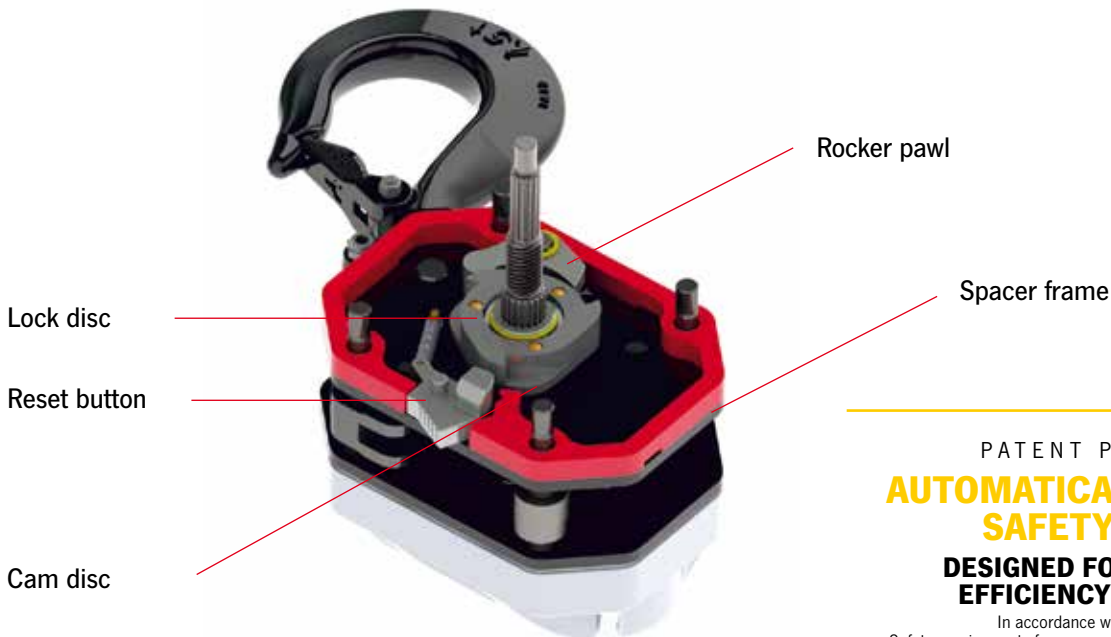
## INFO

YKST chain stop or KKL chain claw (If the device under load remains unattended for a longer period!)





STRUCTURE & FUNCTIONALITY OF THE AUTOMATIC SAFETY GEAR



PATENT PENDING  
**AUTOMATICALLY ACTING SAFETY GEAR**  
**DESIGNED FOR OPTIMAL EFFICIENCY & SAFETY**

In accordance with EN 1808 -  
 Safety requirements for suspended access equipment, 8.9.2

**REQUIREMENTS FOR THE REDUNDANT SAFETY GEAR**

**In accordance with EN 1808 - Safety requirements for suspended access equipment, 8.9.2**

- shall automatically engage in the event of overspeed (more than 0.5 m/s)
- the stopping distance must not exceed 500 mm
- shall be capable of being reset
- shall be capable of being tested
- shall permit lifting at any time

**INFO**

In any cases the load is caught exceeding a speed of 0.5 m/s.

Speeds below 0.5 m/s (corresponds to 2 km/h) are not safety relevant according to EN 1808.

**FUNCTION NORMAL OPERATION**

**Speed < 0.5 m/s**

The rocker pawl moves continuously along the contours of the cam disc and lock disc.



**FUNCTION ABSORPTION**

**Speed > 0.5 m/s**

As soon as the speed exceeds 0.5 m/s, the rocker pawl engages the lock disc and safely absorbs the load.



Overhead line construction



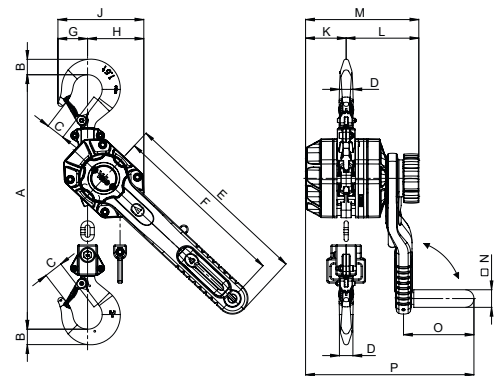
Aerial construction

## Technical data YaleERGO 360® UT

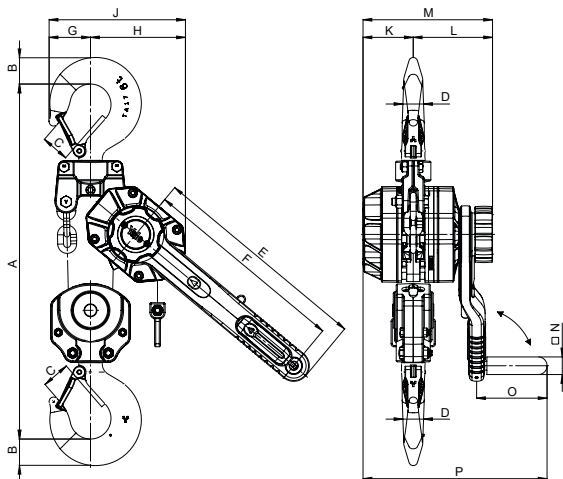
Model	Art.-No.	Capacity kg	Number of chain falls	Chain dimensions d x p in mm/ design	Lift with one full lever turn mm	Handle pull at WLL daN	Handle pull at WLL with crank daN	Weight at standard lift (1.5 m) kg
YaleERGO 360 UT 1500	192069625	1500	1	7.1 x 21 - T	21.7	31	24	9.8
YaleERGO 360 UT 3000	192069671	3000	1	10 x 28 - V	20.1	43	35	18.1
YaleERGO 360 UT 6000	192071416	6000	2	10 x 28 - V	10.1	46	37	29.8
YaleERGO 360 UT 9000	192083321	9000	3	10 x 28 - V	6.7	50	41	50.4

## Dimensions YaleERGO 360® UT

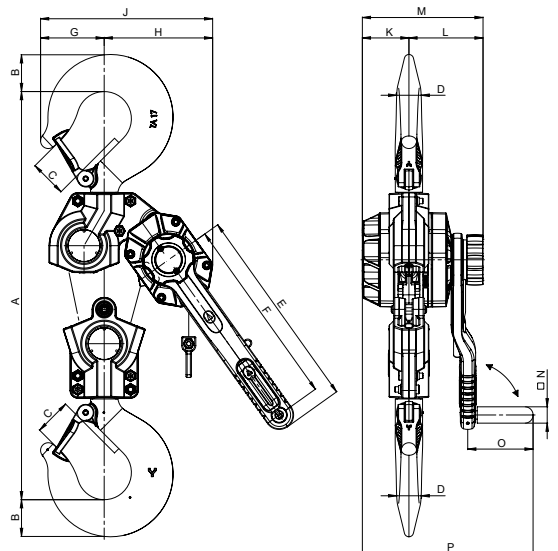
Model	YaleERGO 360 UT 1500	YaleERGO 360 UT 3000	YaleERGO 360 UT 6000	YaleERGO 360 UT 9000
A min., mm	375	445	563	695
B, mm	26	37	45	68
C, mm	31	40	47	68
D, mm	21	28	35	50
E, mm	327	377	377	377
F, mm	300	350	350	350
G, mm	51	57	71	116
H, mm	96	123	162	199
J, mm	147	180	233	315
K, mm	69	86	86	86
L, mm	124	136	136	136
M, mm	193	222	222	222
N mm	30	30	30	30
O, mm	120	120	120	120
P, mm	287	314	314	314



YaleERGO 360® UT, 1500 - 3000 kg, single fall



YaleERGO 360® UT, 6000 kg, double fall



YaleERGO 360® UT, 9000 kg, three fall



Construction of contact lines



Cable car construction



Positioning of loads



## INFO

All ratchet lever hoists with a capacity exceeding 750 kg can be used for load attachment according to EN 12195.

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

## AL Ratchet lever hoist

### Capacity 750 - 3000 kg

Its low own weight is an advantage. When the hoist has to be frequently carried over longer distances to different assignments. This universal ratchet hoist should not be missing in any service truck.

### Features

- The enclosed housing, hand lever and hand wheel are made from high quality aluminium.
- Low effort on hand lever.
- Due to precise needle bearings the hoist can be operated with little effort.
- Standard free chaining device to quickly attach the load or to pull the chain through the hoist in both directions.
- The chain guide is cast into the body to ensure faultless chain movement.
- Alloyed steel link chain with zinc-plated resp. yellow chromated finish, in accordance with national and international standards and regulations.

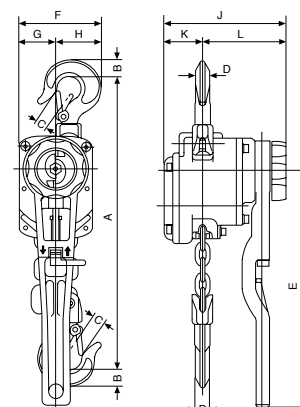


## Technical data AL

Model	Art.-No.	Capacity kg	Number of chain falls	Chain dimensions d x p in mm/ design	Lift with one full lever turn mm	Handle pull at WLL daN	Weight at standard lift (1.5m) kg
AL 750	N02041251	750	1	6.3 x 19.1 - T	30	20	6.4
AL 1000	N02041252	1000	1	6.3 x 19.1 - T	30	22	6.6
AL 1500	N02041253	1500	1	7.1 x 21.2 - T	16	21	10.0
AL 3000	N02041254	3000	1	10 x 30.2 - T	14	28	18.0

## Dimensions AL

Model	AL 750	AL 1000	AL 1500	AL 3000
A min., mm	315	325	380	455
B, mm	20	23	27	36
C, mm	22	23	26	33
D, mm	14	16	20	24
E, mm	300	300	300	400
F, mm	106	109	138	168
G, mm	47	47	60	75
H, mm	59	62	78	93
J, mm	154	154	177	212
K, mm	49	49	74	94
L, mm	105	105	103	118



## PT Ratchet lever hoist

### Capacity 800 - 6300 kg

Ratchet lever hoists PT features improved techniques and ergonomical styling. The advantages of the predecessor range have been maintained and further optimized.

A good, versatile, all round ratchet lever hoist for demanding conditions.

### Features

- The proven stamped steel housing provides extremely low weight without limiting the reliability and sturdiness of the unit.
- The short handle lever is fitted with an ergonomic rubber grip.
- Standard free chaining device to quickly attach the load or to pull the chain through the hoist in both directions.
- Alloyed steel link chain with zinc-plated resp. yellow chromated finish, in accordance with national and international standards and regulations.
- Forged suspension and load hooks are made from non-aging, high tensile steel and fitted with robust safety latches.

### Option

- All models can be equipped with an overload protection device in the form of a slip clutch which is factory preset to approx. 25% ± 15% overload.



## INFO

All ratchet lever hoists with a capacity exceeding 750 kg can be used for load attachment according to EN 12195.

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



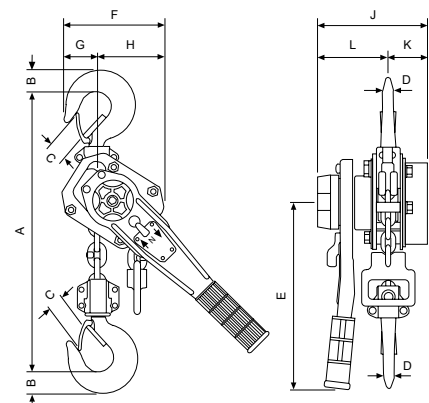
Option:  
Overload protection device

## Technical data PT

Model	Art.-No.	Capacity kg	Number of chain falls	Chain dimensions d x p in mm/ design	Lift with one full lever turn mm	Handle pull at WLL daN	Weight at standard lift (1.5 m) kg
PT 800	N02200005	800	1	5.6 x 17.1 - T	24	26	5.5
PT 1600	N02200006	1600	1	7.1 x 21.2 - T	23	30	9.6
PT 3200	N02200007	3200	1	9 x 27.2 - V	16	38	16.0
PT 6300	N02200008	6300	2	9 x 27.2 - V	8	39	31.0

## Dimensions PT

Model	PT 800	PT 1600	PT 3200	PT 6300
A min., mm	290	330	430	580
B, mm	21	27	36	53
C, mm	24	31	35	46
D, mm	13	20	24	43
E, mm	235	370	370	370
F, mm	120	138	177	259
G, mm	38	41	53	85
H, mm	82	97	124	174
J, mm	142	163	185	185
K, mm	52	65	83	83
L, mm	90	98	102	102







COMPACT & TRANSPORTABLE  
**UNIVERSALLY USABLE  
& USER FRIENDLY**  
LIGHTWEIGHT & CAN BE USED IN  
THE SMALLEST AREAS.



## Yale **UNOplus** Series A Ratchet lever hoist

Capacity 750 - 6000 kg

The *UNOplus-Series A* ratchet lever hoist is the result of further technical development of the *UNOplus*, which has proven itself over many years.

The versatile tool for lifting, pulling and securing of loads is characterised by its compact design, robust stamped steel construction and the smoothly running free chaining device. The further reduced weight optimizes operation, makes the application even more comfortable and the *UNOplus-Series A* to a convenient, versatile device.

### Features

- Due to optimized gearing and improved bearings in the housing cover a minimum effort is required to operate the short hand lever.
- Steel hand wheel as standard.
- Automatic screw-and-disc type load brake with corrosion protected components.
- Standard free chaining device to quickly attach the load or to pull the chain through the hoist in both directions.
- Robust chain guide rollers eliminate fouling and jamming of chain on the load sheave.
- Robust chain end stop.
- Comfortable rubber grip provides for extra protection against slippage.
- Alloyed steel link chain with zinc-plated resp. yellow chromated finish, in accordance with national and international standards and regulations.
- Forged suspension and load hooks are made from non-aging, high tensile steel and fitted with robust safety latches.

### INFO

All ratchet lever hoists with a capacity exceeding 750 kg can be used for load attachment according to EN 12195.

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



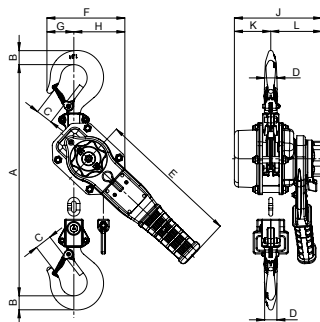
We are pleased to send you our new Atex catalogue in PDF format.

## Technical data UNOplus-A

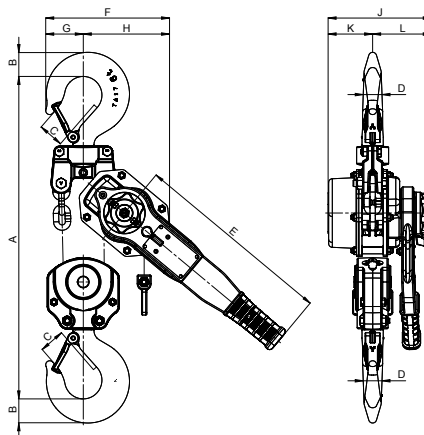
Model	Art.-No.	Capacity kg	Number of chain falls	Chain dimensions d x p in mm/ design	Lift with one full lever turn mm	Handle pull at WLL daN	Weight at standard lift (1.5 m) kg
UNOplus-A 750	192049841	750	1	5.6 x 17.1 - T	27	22	6.3
UNOplus-A 1500	192049940	1500	1	7.1 x 21 - T	22	35	9.2
UNOplus-A 3000	192050025	3000	1	10 x 28 - V	20	40	16.9
UNOplus-A 6000	192050579	6000	2	10 x 28 - V	10	43	28.6

## Dimensions UNOplus-A

Model	UNOplus-A 750	UNOplus-A 1500	UNOplus-A 3000	UNOplus-A 6000
A min., mm	312	375	445	563
B, mm	20	26	37	45
C, mm	27	31	40	47
D, mm	18	21	28	35
E, mm	267	267	376	376
F, mm	121	146	180	232
G, mm	40	51	57	71
H, mm	81	95	123	161
J, mm	144	164	193	193
K, mm	53	68	83	83
L, mm	91	96	110	110

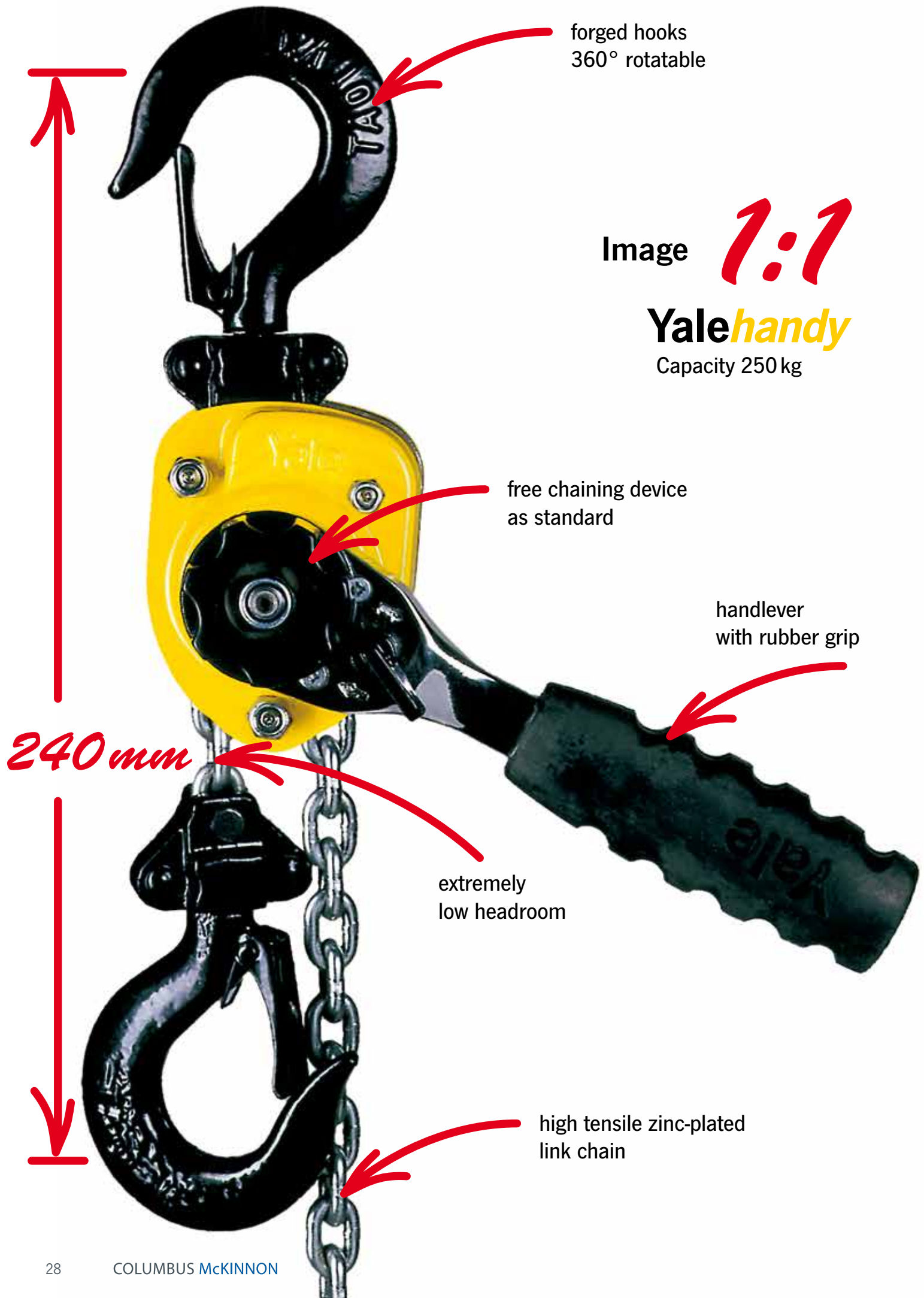


UNOplus-A, 750 - 3000 kg,  
single fall



UNOplus-A, 6000 kg,  
double fall





forged hooks  
360° rotatable

Image **1:1**

**Yale**handy  
Capacity 250 kg

free chaining device  
as standard

handlever  
with rubber grip

**240 mm**

extremely  
low headroom

high tensile zinc-plated  
link chain

# Yalehandy

## Ratchet lever hoist

Capacity 250 - 500 kg

The extreme low own weight and the very compact design make the hoist easy to use even in confined working conditions. Due to the multitude of application possibilities e.g. in industry, trade and service this ratchet lever hoist is indispensable.

### Features

- The enclosed design protects the internal parts from contamination.
- The short handle lever is fitted with an ergonomic rubber grip.
- All parts of the disc type load brake are manufactured from high quality materials and are corrosion protected.
- Standard free chaining device to quickly attach the load or to pull the chain through the hoist in both directions.
- Alloyed steel link chain with zinc-plated resp. yellow chromated finish, in accordance with national and international standards and regulations.
- Forged suspension and load hooks are made from non-aging, high tensile steel and fitted with robust safety latches.



### INFO

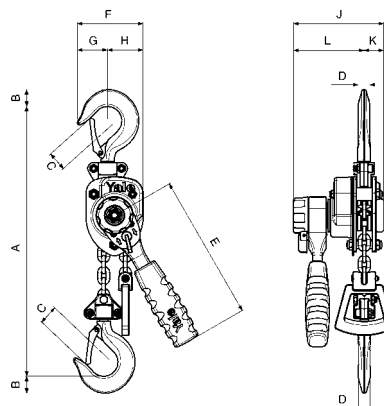
Yale hoists and trolleys are not designed for passenger elevation applications and must not be used for this purpose.

### Technical data Yalehandy

Model	Art.-No.	Capacity kg	Number of chain falls	Chain dimensions d x p in mm/ design	Lift with one full lever turn mm	Handle pull at WLL daN	Weight at standard lift (1.5 m) kg
Yalehandy 250	N02300018	250	1	4 x 12 - T	80	25	2.2
Yalehandy 500	N02300070	500	1	4 x 12 - V	40	25	2.8

### Dimensions Yalehandy

Model	Yalehandy 250	Yalehandy 500
A min., mm	240	282
B, mm	20	17
C, mm	21	24
D, mm	14	12
E, mm	160	160
F, mm	72	104
G, mm	33	38
H, mm	39	66
J, mm	98	116
K, mm	21	36
L, mm	77	80





## INFO

All ratchet lever hoists with a capacity exceeding 750 kg can be used for load attachment according to EN 12195.

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



## Silverline HZS Ratchet lever hoists

Capacity 750 - 6000 kg

The Silverline HZS is designed and built for safe and efficient operation.

A hoist with low maintenance - at an economical price.

### Features

- Strong bolts between side plates and housing cover ensure increased stability.
- Chain guide rollers eliminate fouling and jamming of chain.
- Bearings for side plates permit a long service life.
- Zinc-plated load chain as standard.
- Forged suspension and load hooks are made from high tensile steel and fitted with safety latches.

### Technical data Silverline HZS

Model	Art.-No.	Capacity kg	Number of chain falls	Chain dimensions d x p in mm/ design	Lift with one full lever turn mm	Handle pull at WLL daN	Weight at standard lift (1.5 m) kg
HZS 750	N02300113	750	1	6 x 18 - T	20	20	7.0
HZS 1500	N02300114	1500	1	8 x 24 - T	10	36	10.0
HZS 3000	N02300115	3000	1	10 x 30 - T	17	38	18.0
HZS 6000	N02300116	6000	2	10 x 30 - T	9	39	27.0

### Dimensions Silverline HZS

Model	HZS 750	HZS 1500	HZS 3000	HZS 6000
A min., mm	330	410	490	640
B, mm	24	30	45	55
C, mm	26	31	34	46
D, mm	14	18	26	37
E, mm	280	410	410	410
F, mm	111	175	190	240
G, mm	33	50	60	80
H, mm	78	125	130	160
J, mm	142	180	195	200
K, mm	55	75	85	90
L, mm	87	105	110	110

