

# Yalelift 360<sup>®</sup> MK III HAND CHAIN HOISTS

**SUITABLE FOR FLEETING\***

## Revolutionary hand chain hoist

A hand chain hoist which opens up huge new opportunities: With our innovative design things are really beginning to move. The Yalelift 360<sup>o</sup> opens up a new world of safety for the operator. The range of applications as well as the operating conditions have been changed by a revolutionary hand chain design.

The key to this innovation is our revolutionary 360<sup>o</sup> rotating hand chain guide, which allows operation of the hand chain from virtually any position, even in extremely confined areas. The Yalelift 360<sup>o</sup> can be operated at the side of the load or from any other position including horizontal pulling. **The plane between top and bottom hook must always be in a straight line. A deration of the W.L.L. may apply.**

**\*SUITABLE FOR FLEETING. For further details please contact the sales office.**

**More flexibility gives greater safety - operators can now work outside of the immediate danger zone reducing the risk of operator injury.**



**Safety under control:** The Yalelift 360<sup>o</sup> for heavy industrial applications will revolutionise every operation. By means of the 360<sup>o</sup> rotating hand chain guide, the user can operate the hoist from all directions and is no longer directly within the danger zone as before.

**You choose:** The Yalelift 360<sup>o</sup> can be operated safely and efficiently from all positions, even from the side of the load. This means more safety and greater flexibility of the working position.

**Work from above:** The flexibility of the Yalelift 360<sup>o</sup> allows the operator to work from directly above the load. The advantage of this application is you can have a long lift whilst using a relatively short hand chain. The revolutionary chain guide ensures a precise and smooth chain operation at all times.



Protection classification (on request)  
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 Further details on pages 22 & 23



\*The standard unit is supplied with zinc plated load chain and zinc plated hand chain.

\*\*The corrosion resistant unit is supplied with stainless steel hand chain and zinc plated load chain. If you require stainless steel load chain please see page 21.



| Model    | Capacity (WLL)<br>kg | Falls of load chain | Chain dims.<br>mm | Lifting height<br>mtr | Closed height<br>mm | Weight @ std HOL<br>kg |
|----------|----------------------|---------------------|-------------------|-----------------------|---------------------|------------------------|
| YL 500   | 500                  | 1                   | 5 x 15            | 3                     | 300                 | 9                      |
| YL 1000  | 1000                 | 1                   | 6 x 18            | 3                     | 335                 | 13                     |
| YL 2000  | 2000                 | 1                   | 8 x 24            | 3                     | 395                 | 20                     |
| YL 3000  | 3000                 | 1                   | 10 x 30           | 3                     | 520                 | 29                     |
| YL 5000  | 5000                 | 2                   | 10 x 30           | 3                     | 654                 | 38                     |
| YL 10000 | 10000                | 3                   | 10 x 30           | 3                     | 825                 | 71                     |
| YL 20000 | 20000                | 6                   | 10 x 30           | 3                     | 1300                | 196                    |

### Canvas chain containers to suit Yale/ift 360:

| Capacity<br>kg | 6 mtr chain<br>Part no. | 12 mtr chain<br>Part no. | 18 mtr chain<br>Part no. |
|----------------|-------------------------|--------------------------|--------------------------|
| 500 / 1        | N04600001               | N04600024                | N04600029                |
| 1000 / 1       | N04600002               | N04600025                | N04600030                |
| 2000 / 1       | N04600003               | N04600026                | N04600031                |
| 3000 / 1       | N04600004               | N04600027                | N04600032                |
| 5000 / 2       | N04600005               | N04600028                | N04600033                |

# Yalelift 360<sup>®</sup> MK III 'INTEGRAL' TROLLEY HOISTS

## Hand chain hoist with integrated push or geared travel trolley

Capacities: 500 - 20000kg

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

### Features include:

- 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 5000kg 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-drop and anti-tilt devices as standard.

### Options:

- Overload prevention device.
- Chain container.
- Rubber buffers (shown in photograph on the right available as optional extra).
- Explosion proof version (see page 22-23).
- 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 5000kg.



## Yalelift ITP INTEGRAL PUSH TROLLEY HOISTS

| Model        | Capacity (WLL) kg | Falls of load chain | Lifting height mtr | Curve radius min. mtr | Beam width mm | Closed height mm | Weight @ 3mtr HOL kg |
|--------------|-------------------|---------------------|--------------------|-----------------------|---------------|------------------|----------------------|
| YLITP A 500  | 500               | 1                   | 3                  | 0.9                   | 50 - 180      | 245              | 20                   |
| YLITP B 500  | 500               | 1                   | 3                  | 0.9                   | 180 - 300     | 245              | 21                   |
| YLITP A 1000 | 1000              | 1                   | 3                  | 0.9                   | 50 - 180      | 272              | 27                   |
| YLITP B 1000 | 1000              | 1                   | 3                  | 0.9                   | 180 - 300     | 272              | 29                   |
| YLITP A 2000 | 2000              | 1                   | 3                  | 1.15                  | 58 - 180      | 323              | 44                   |
| YLITP B 2000 | 2000              | 1                   | 3                  | 1.15                  | 180 - 300     | 323              | 46                   |
| YLITP A 3000 | 3000              | 1                   | 3                  | 1.5                   | 74 - 180      | 382              | 77                   |
| YLITP B 3000 | 3000              | 1                   | 3                  | 1.4                   | 180 - 300     | 382              | 79                   |
| YLITP A 5000 | 5000              | 2                   | 3                  | 2.0                   | 98 - 180      | 550              | 125                  |
| YLITP B 5000 | 5000              | 2                   | 3                  | 1.8                   | 180 - 300     | 550              | 129                  |

| Model         | Capacity (WLL) kg | Falls of load chain | Lifting height mtr | Curve radius min. mtr | Beam width mm | Closed height mm | Weight @ 3mtr HOL kg |
|---------------|-------------------|---------------------|--------------------|-----------------------|---------------|------------------|----------------------|
| YLITG A 500   | 500               | 1                   | 3                  | 0.9                   | 50 - 180      | 245              | 24                   |
| YLITG B 500   | 500               | 1                   | 3                  | 0.9                   | 180 - 300     | 245              | 25                   |
| YLITG A 1000  | 1000              | 1                   | 3                  | 0.9                   | 50 - 180      | 272              | 34                   |
| YLITG B 1000  | 1000              | 1                   | 3                  | 0.9                   | 180 - 300     | 272              | 33                   |
| YLITG A 2000  | 2000              | 1                   | 3                  | 1.15                  | 58 - 180      | 323              | 49                   |
| YLITG B 2000  | 2000              | 1                   | 3                  | 1.15                  | 180 - 300     | 323              | 50                   |
| YLITG A 3000  | 3000              | 1                   | 3                  | 1.5                   | 74 - 180      | 382              | 82                   |
| YLITG B 3000  | 3000              | 1                   | 3                  | 1.4                   | 180 - 300     | 382              | 84                   |
| YLITG A 5000  | 5000              | 2                   | 3                  | 2.0                   | 98 - 180      | 550              | 130                  |
| YLITG B 5000  | 5000              | 2                   | 3                  | 1.8                   | 180 - 300     | 550              | 134                  |
| YLITG B 10000 | 10000             | 3                   | 3                  | 1.8                   | 125 - 310     | 784              | 202                  |
| YLITG B 20000 | 20000             | 6                   | 3                  | 9.5                   | 180 - 310     | on request       | on request           |

# YLLHP/G TROLLEY HOISTS

**ULTRA LOW HEADROOM**

## Ultra low headroom hand chain hoist with integrated push or geared trolley

Capacities: 500 - 10000kg

The hand chain hoist Model Yalelift LH with integrated low headroom manual trolley is the latest development of the Yalelift IT. Where an even closer headroom is essential, the Yalelift LH is the ideal choice.

### Features include:

- 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 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 pre-lubricated, encapsulated ball bearings.
- The low headroom version of the Yalelift IT is adjustable to fit a wide range of beam profiles (e.g. INP, IPE, IPB).
- Anti-drop and anti-tilt devices as standard.
- Excellent rolling features due to machined steel wheels mounted on pre-lubricated, encapsulated ball bearings.

### Options:

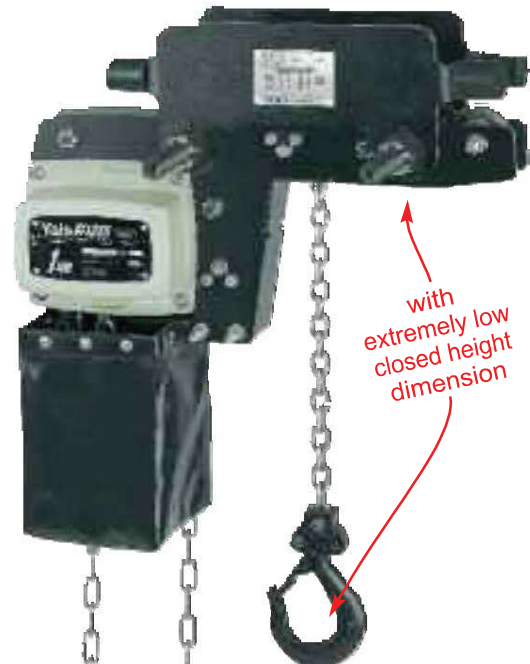
- Adjustable overload protection device.
- Chain container.
- Corrosion resistant version.
- Beam locking device to secure the unloaded trolley in a fixed position on the beam (park position e.g. on ships).



Protection classification (on request)

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Further details on pages 22 & 23



with extremely low closed height dimension

| Capacity (WLL)<br>kg | Falls of load chain | Lifting height<br>mtr | Beam width |           | Closed height<br>mm | Net weight @ std HOL |              |            |              |
|----------------------|---------------------|-----------------------|------------|-----------|---------------------|----------------------|--------------|------------|--------------|
|                      |                     |                       | Type A     | Type B    |                     | Type A               |              | Type B     |              |
|                      |                     |                       | mm         | mm        |                     | Push<br>kg           | Geared<br>kg | Push<br>kg | Geared<br>kg |
| 500                  | 1                   | 3                     | 60 - 180   | 180 - 300 | 188                 | 27                   | 31           | 27         | 32           |
| 1000                 | 1                   | 3                     | 70 - 180   | 180 - 300 | 211                 | 35                   | 40           | 36         | 41           |
| 2000                 | 1                   | 3                     | 82 - 180   | 180 - 300 | 264                 | 61                   | 65           | 62         | 67           |
| 3000                 | 1                   | 3                     | 100 - 180  | 180 - 300 | 316                 | 107                  | 112          | 109        | 114          |
| 5000                 | 2                   | 3                     | 110 - 180  | 180 - 300 | 425                 | 152                  | 157          | 156        | 161          |
| 10000                | 3                   | 3                     | 125 - 180  | 180 - 310 | 565                 | 224                  | 227          | 230        | 232          |

# CORROSION RESISTANT HOISTS WITH STAINLESS CHAINS

## Corrosion protection CR

### Increased 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 load 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

Completely corrosion resistant units with stainless steel hand and 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.



**Protection classification**  
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 Further details on pages 22 & 23



## Yalelift 360° 'CR' HAND CHAIN HOISTS WITH STAINLESS STEEL CHAINS

| Capacity (WLL) kg | Falls of load chain | Lifting height mtr | Closed height mm | Beam width mm | Weight @ std. height kg |
|-------------------|---------------------|--------------------|------------------|---------------|-------------------------|
| 500               | 1                   | 3                  | 300              | -             | 9                       |
| 900               | 1                   | 3                  | 335              | -             | 13                      |
| 1250              | 1                   | 3                  | 395              | -             | 20                      |
| 2000              | 1                   | 3                  | 520              | -             | 29                      |
| 4000              | 2                   | 3                  | 654              | -             | 38                      |

## Yalelift ITP 'CR' INTEGRAL PUSH TROLLEY HOISTS WITH STAINLESS STEEL CHAINS

| Capacity (WLL) kg | Falls of load chain | Lifting height mtr | Type 'A'      |           | Type 'B'      |           | Closed height mm |
|-------------------|---------------------|--------------------|---------------|-----------|---------------|-----------|------------------|
|                   |                     |                    | beam width mm | weight kg | beam width mm | weight kg |                  |
| 500               | 1                   | 3                  | 50 - 180      | 20        | 180 - 300     | 21        | 245              |
| 900               | 1                   | 3                  | 50 - 180      | 27        | 180 - 300     | 29        | 272              |
| 1250              | 1                   | 3                  | 58 - 180      | 44        | 180 - 300     | 46        | 323              |

## Yalelift ITG 'CR' INTEGRAL GEARED TROLLEY HOISTS WITH STAINLESS STEEL CHAINS

| Capacity (WLL) kg | Falls of load chain | Lifting height mtr | Type 'A'      |           | Type 'B'      |           | Closed height mm |
|-------------------|---------------------|--------------------|---------------|-----------|---------------|-----------|------------------|
|                   |                     |                    | beam width mm | weight kg | beam width mm | weight kg |                  |
| 500               | 1                   | 3                  | 50 - 180      | 24        | 180 - 300     | 25        | 245              |
| 900               | 1                   | 3                  | 50 - 180      | 32        | 180 - 300     | 33        | 272              |
| 1250              | 1                   | 3                  | 58 - 180      | 49        | 180 - 300     | 50        | 323              |
| 2000              | 1                   | 3                  | 74 - 180      | 82        | 180 - 300     | 84        | 382              |
| 4000              | 2                   | 3                  | 98 - 180      | 130       | 180 - 300     | 134       | 550              |

The hoists/trolleys are fully corrosion resistant using the Delta Protekt KL 100 process, including the bottom hooks and are all fitted with stainless steel load and hand chain.