Yale®

Hand chain hoist

Yale*lift LH*

Hand chain hoist with integrated push type trolley (Low headroom) model Yale*lift LHP*

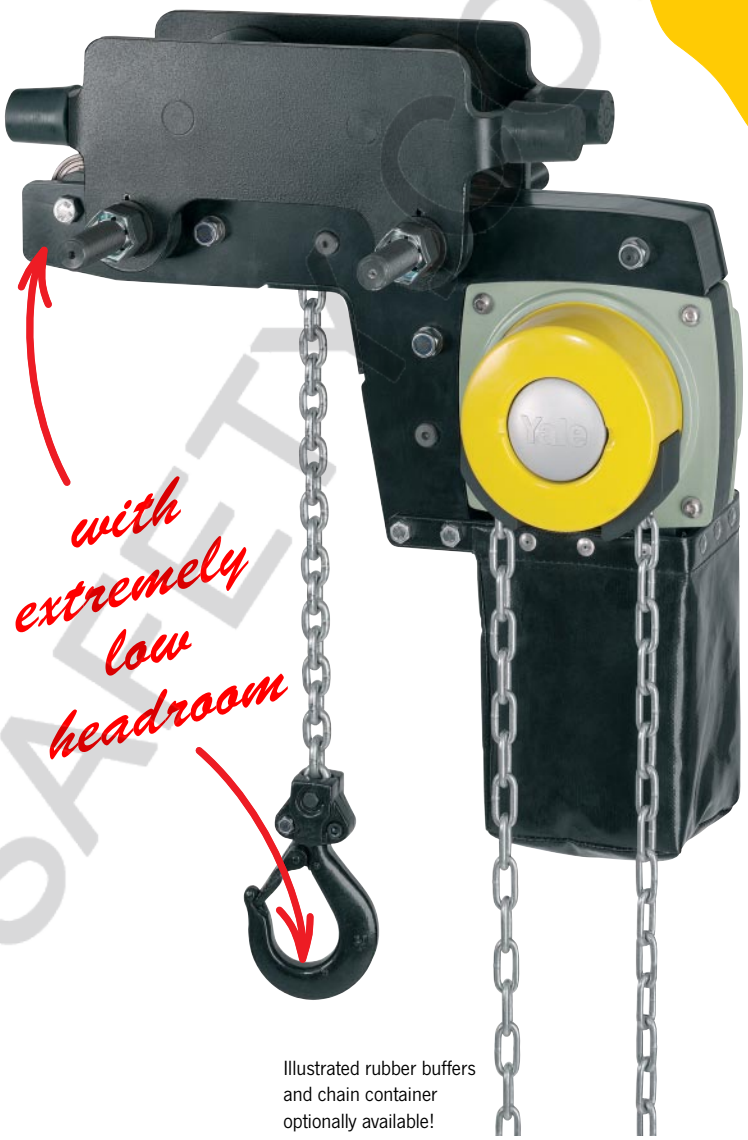
Capacities 500 - 10.000 kg

Hand chain hoist with integrated geared type trolley (Low headroom) model Yale*lift LHG*

Capacities 500 - 10.000 kg

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

- 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 Yale*lift LH* uses the same manual trolleys as incorporated in the Yale*lift IT* series.
- All models of the *LH* series up to 3.000 kg capacity are provided with single chain fall.
- The proven and almost stepless adjustment system allows quick and easy assembly of the trolley.
- The low headroom version of the Yale*lift 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 due to machined steel wheels mounted on pre-lubricated, encapsulated ball bearings.
- Anti-tilt and anti-drop devices as standard.
- 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.
- A subsequent conversion of a Yale*lift 360* into a Yale*lift LH* with integrated trolley is also easily possible.



Illustrated rubber buffers and chain container optionally available!

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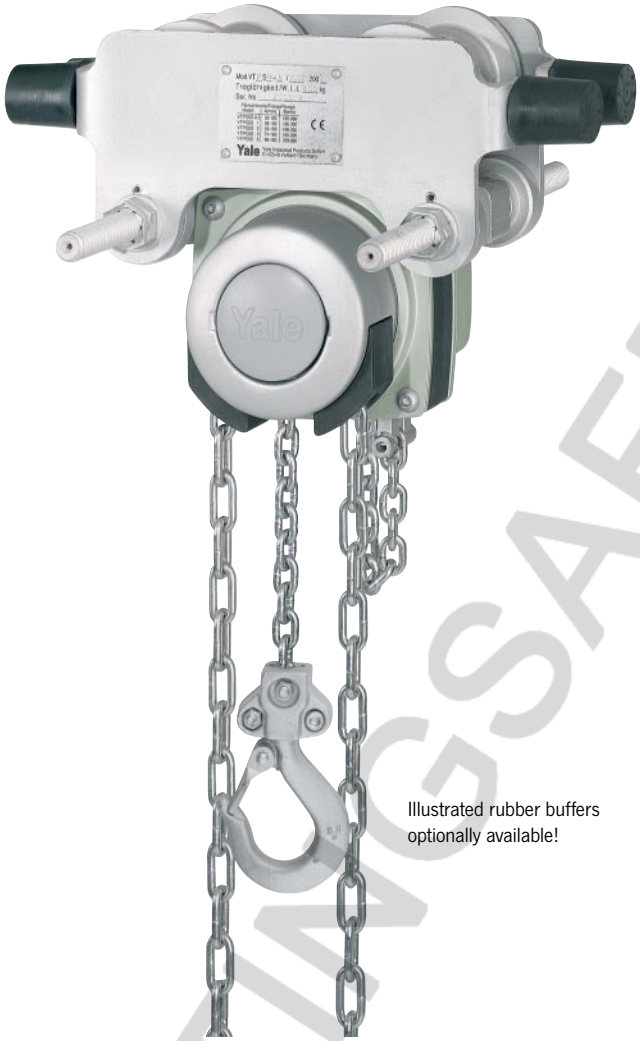
Corrosion resistance *CR* Accessories



Illustrated rubber buffers optionally available!

Corrosion resistance *CR*

Added lifetime

All models of the Yalelift Vario programme can be supplied with corrosion resistant features which include zinc-plated load chains 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.

All units available in corrosion resistant version!

Spark resistant features

Added safety

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

- Load and hand chains from stainless steel
- Units completely corrosion resistant
- Bronze-plated suspension and load hooks
- Solid bronze trolley wheels
- Rubber buffers
- Chain containers

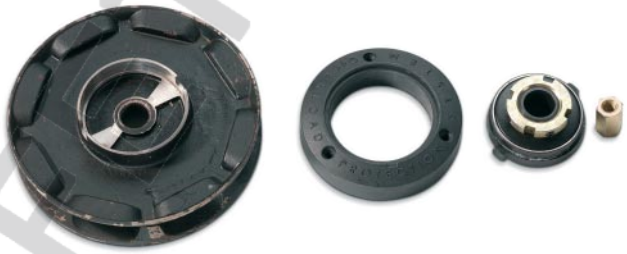
Overload protection

Added control

The overload protection device of the Yalelift Vario 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.

Solid bronze trolley wheels

Bronze-plated suspension and load hooks



Spark resistance

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, stringent legal and technical requirements are imposed, particularly on electrical equipment used in explosion endangered environments.

Applications

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

Beam locking device

Added security

Yale trolleys can be optionally provided with beam locking device to secure the unloaded trolley in fixed position on the beam (park position e.g. on ships).

Chain container

Added comfort

The chain containers for the Yalelift Vario 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.