

Yale®

Ratchet lever hoists

Pul-Lift C/D85



Pul-Lift model D85 with link chain

Capacities 750 - 10.000 kg

Pul-Lift model C85 with roller chain

Capacities 750 - 10.000 kg

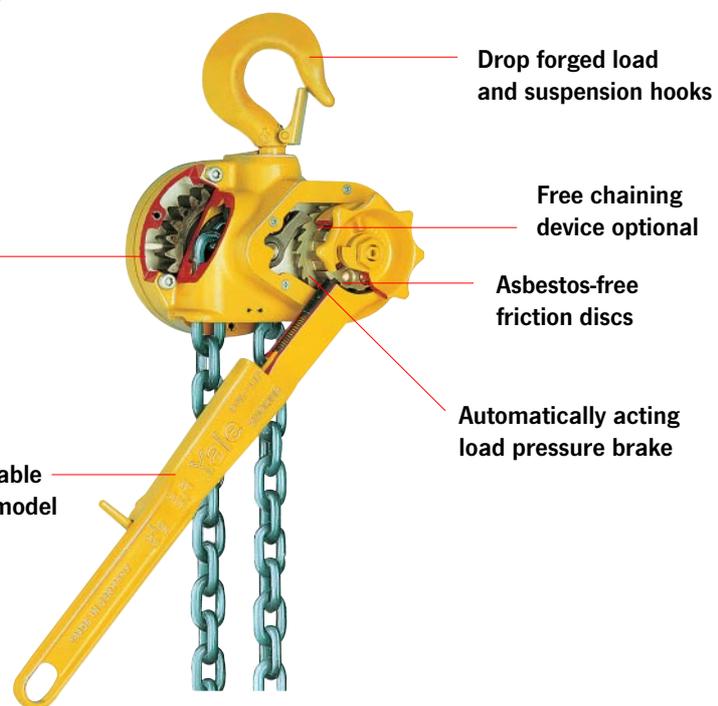
Enclosed housing with housing cover, hand lever and lower block made from **high tensile white malleable cast iron** for an overall rugged construction. The **graphite cast iron** load sheave for the link chain has precision machined chain pockets for accurate fit and durability of the load chain. The **roller chain sprocket** is made from heat treated **chromium-molybdenum steel** with precision machined teeth to ensure smooth chain movement.

Optional

- All models can be optionally equipped with an overload prevention device in the form of a **slip clutch**, which is factory preset to approx. 25% ± 15% overload.
- **Free chaining** device to quickly attach the load or to pull the chain through the hoist in both directions.

Link chain model:
Graphite cast iron load sheave
Roller chain model:
Chromium-molybdenum steel chain sprocket

Hand lever made of malleable cast iron or tubular steel model with rubber grip



Drop forged load and suspension hooks

Free chaining device optional

Asbestos-free friction discs

Automatically acting load pressure brake

Pul-Lift model D95 with link chain

Capacities 1.500 - 3.000 kg

The D 95 has taken its technical features from the proven D85 but excels in its **cast malleable iron design, low tare** weight and an extremely small measurement between suspension and load hooks. It has an automatically acting load pressure brake which works on the self-locking principal. For example, when used to secure loads, an unintentional loosening of the brake is prevented when the load vibrates. The **standard free chaining device** to quickly attach the load or to pull the chain through the hoist in both directions. The body and hand lever are made from impact resistant malleable cast iron. The short ergonomic hand lever is fitted with a rubber grip.

Optional

- All models can be optionally equipped with an overload prevention device in the form of a **slip clutch** which is factory preset to approx. 25 % ±15 % overload.
- Hoist with sling chain (see pictures)

Application

The virtually unlimited application possibilities in Industry, work shops, mining, construction and shipyards, confirm the reliability and stability in every area of application.

The ideal unit for moving or positioning of heavy machinery or for securing of heavy transport loads. Simplifies the laying of pipes in ducts or ditches.



Overload prevention device optional



Pul-Lift D95 with sling chain

Load brake

All the load brakes used in Yale lever hoists are based on the Yale patents by the engineer Thomas A. Weston from 1875.

The engineering principle behind the load brake is still used, world wide, in every hand hoist.

In the load brake principle the axial brake pressure is generated by the load itself and is, therefore, proportional to the size of the load.

The load is held secure in any position.

To lower the load the difference between the brake moment and load moment has to be overcome.