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HUBER Grab Screen TrashLift



Cable operated coarse screen for:

- Protection of pumping station
- Seawater intake
- Surface water intake
- Sewage treatment plants

The HUBER Grab Screen TrashLift reliably removes bulky material with high operating reliability and can be easily retrofitted into existing channels.

Waste water is screened via a coarse bar screen / trash rack with the collected screenings being removed by a hoisted grab cleaner. The HUBER Grab Screen Trashlift is operated in a cyclical operation mode with the grab cleaner being mounted to two load ropes and one grab-control rope hoisted by a three winch system. Opening and closing of the grab cleaner is achieved by an independent winch. For an optimum discharge of the collected screenings a scraper automatically discharges the screenings and cleans out the grab cleaner.

Screen sizes:

- Screen width: up to 4,000 mm. Wider on request
- Discharge height above channel floor: up to 30 m. Deeper on request
- Bar spacings: ≥ 20 mm
- Installation angle: 70-90°

Materials:

- All parts in contact with medium (except the drive and bearings) are made of immersion pickled stainless steel
- Sea water application: All machine parts can be designed to fit necessary requirements

Benefits**The benefits of the HUBER Grab Screen TrashLift**

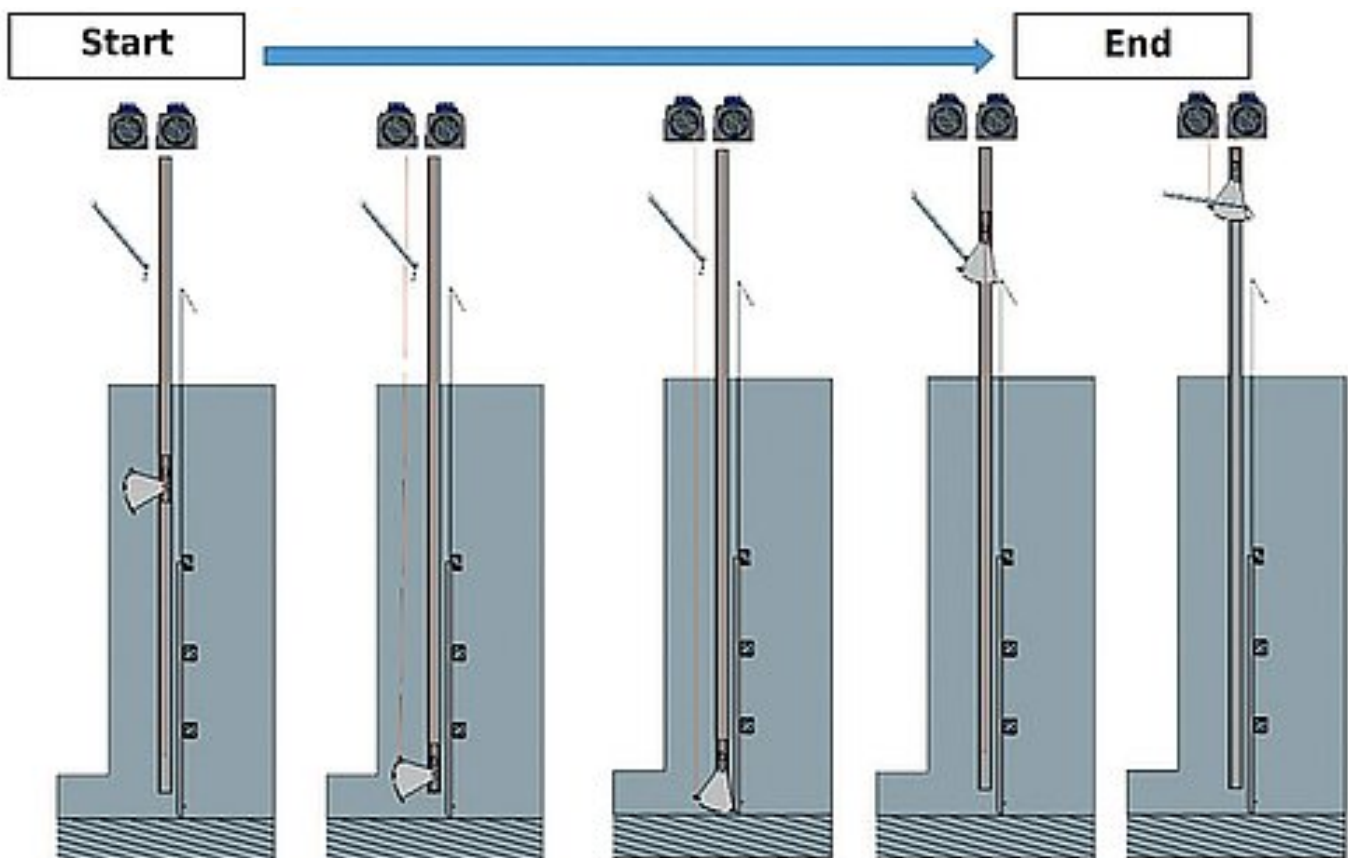
- Reliable removal of bulky material with high operating reliability
- Easy to retrofit into existing channels
- Installation without channel recesses possible
- High capacity grab with replacable rake teeth
- Two speed control of grab cleaner: Maximize screenings discharge capacity
- Optimum cable routing: Maximize cable lifetime
- Scraper and traversing grab at discharge position: Optimum screenings discharge

Downloads

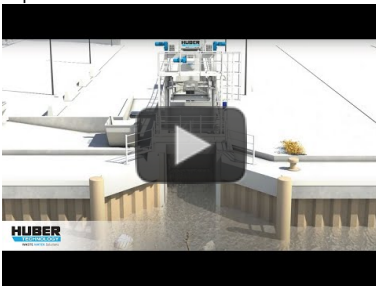
[Brochure: HUBER Grab Screen TrashLift](#) [pdf, 208 KB]

Case Studies

- [HUBER extends its range of coarse screen systems with the HUBER Grab Screen TrashLift](#)

Design sketch

Functional principal - motion flow



Animation: HUBER Grab Screen
TrashLift

[https://www.youtube.com/watch?
v=l3gWq0fy52Y](https://www.youtube.com/watch?v=l3gWq0fy52Y)

More products of this group: Perforated Plate and Bar Screens

- HUBER Belt Screen EscaMax®
- HUBER Multi-Rake Bar Screen RakeMax®
- HUBER Multi-Rake Bar Screen RakeMax® HF (high flow)
- HUBER Multi-Rake Bar Screen RakeMax® CF
- HUBER Band Screen CenterMax®
- HUBER Coarse Screen TrashMax®



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