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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:  $\geq 20$  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**

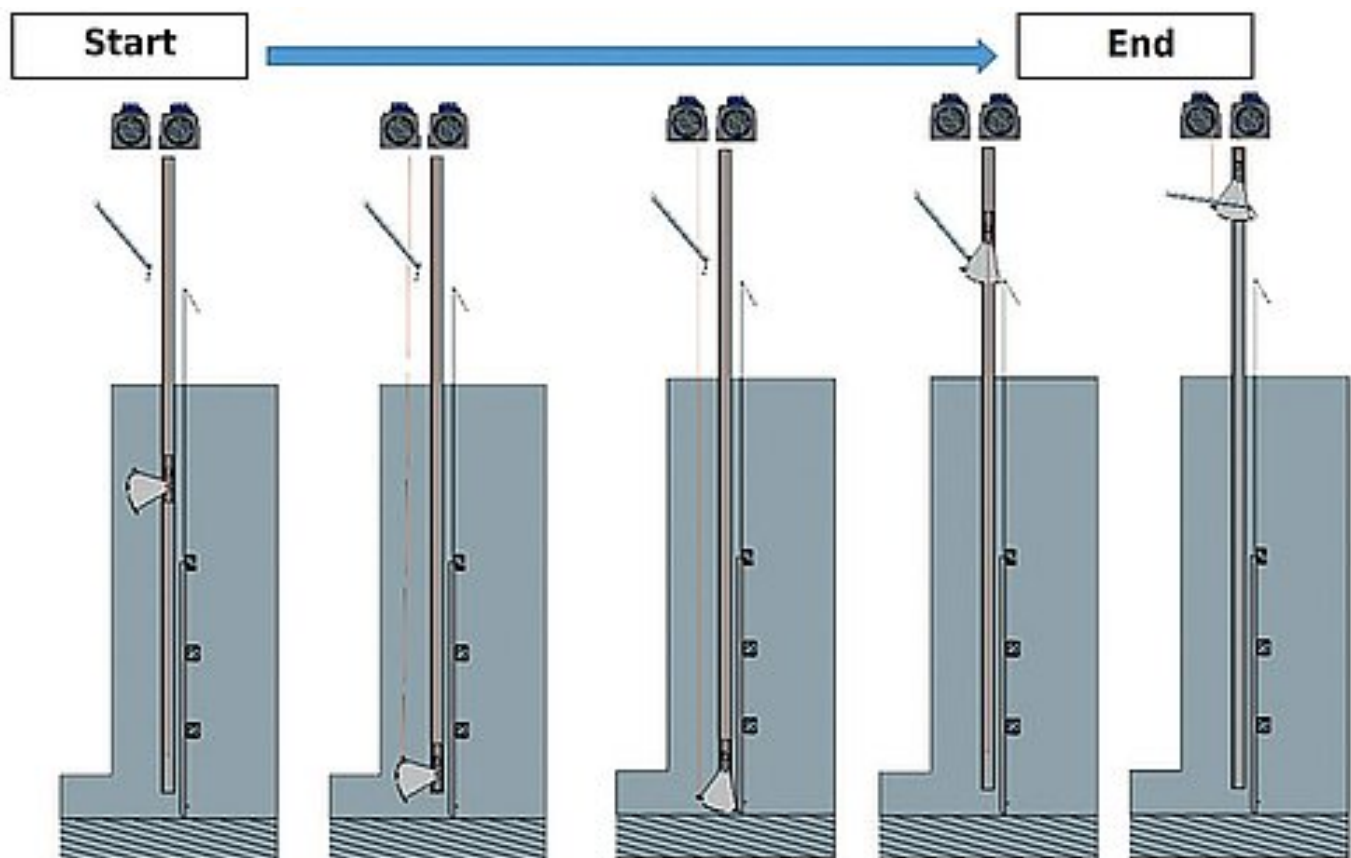
- Reliable removal of bulky material with high operating reliability
- Easy to retrofit into existing channels
- Installation without channel recesses possible
- High capacity grab with replacable rake teeth
- Two speed control of grab cleaner: Maximize screenings discharge capacity
- Optimum cable routing: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

**Downloads**

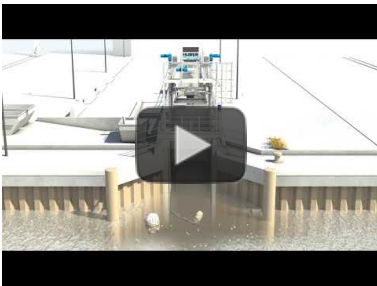
[Brochure: HUBER Grab Screen TrashLift](#) [pdf, 303 KB]

**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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