



HUBER

Grab Screen TrashLift

Cable operated coarse screen for:

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

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Design and function

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.

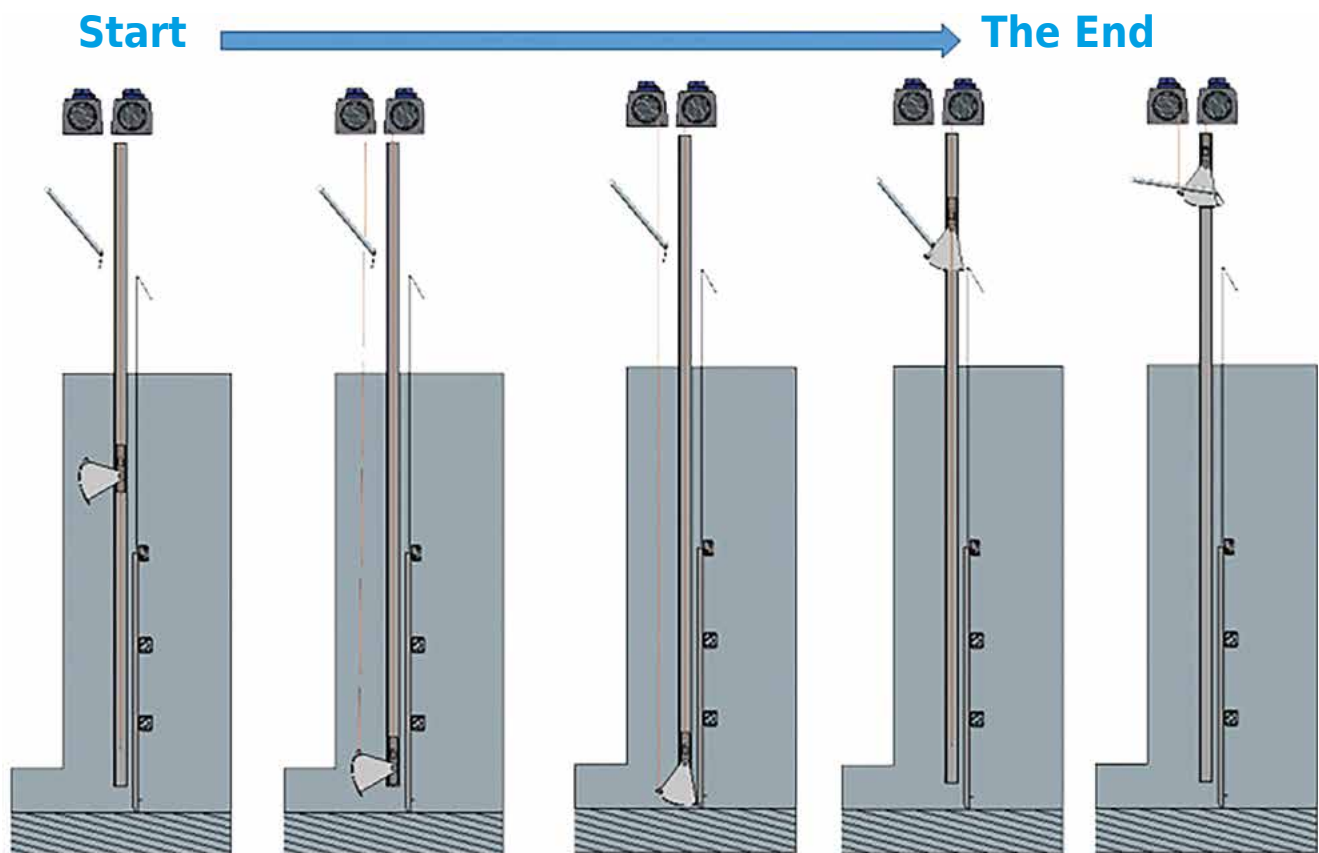
For an optimum discharge of the collected screenings a scraper automatically discharges the screenings and cleans out the grab cleaner.

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 replaceable 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

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°



Functional principal.

HUBER SE

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