

Design and construction

The Hubert Damran coarse screen is a front cleaning cable-operated coarse screen suitable for cleaning large process, cooling or wastewater flows. This type is used particularly for removing medium and large coarse debris from a water inlet.

The raking mechanism consists of a trolley with nylon wheels which run in guides in the channel. The rake is in an open position when moving downwards.

At the bottom of the channel the rake closes and removes all debris from the coarse screen starting from the bottom up.

At deck level the debris is removed from the rake by a scraper and discharged on a belt-conveyor, a concrete gutter or a container (choice to be made by client).

Advantages

- cable-operated, no moving parts under water level
- capable of cleaning large flow
- low installed power, low energy cost
- low maintenance

Standard dimensions

Width: up to 4 m.

Pit depth: up to 15 m.

Bar space: 20/100 mm.

Installation angle: 70/90°

Specific dimensions or materials on request.

