

### Hubert Travelling band screen

The Hubert Travelling band screen is designed for fine filtration of surface and process water. It is fitted vertically in the inlet channel and therefore occupies only a small floor area. Band screens are applied where a short water intake is necessary and where significant variations in surface water levels can occur.

The principle of operation is based on a conveyor belt. However, the belt is replaced by screen panels, which are mounted between two endless transport chains. The chains are driven by two sprockets.

The debris, which is trapped on the screen panels, is removed by high pressure spray water and discharged through a chute. The cleaning process can be executed automatically and semi-automatically.

The drive unit and spray water pipe are mounted above deck level under a steel or reinforced plastic housing.

Special models can be provided with facilities for removing and discharging other debris, such as jellyfish, seaweed etc..

### Standard dimensions

Capacity: between 2,500 and 60,000 m<sup>3</sup>/hr.

Mesh opening: between 1 and 10 mm.

Pit depth: up to 16 m.

Width: up to 4 m.

Material: Steel coated or stainless steel

Specific dimensions or materials on request.

