

Design and construction

Hubert travelling band screens are designed for fine filtration of surface water. The travelling band screen requires only a small installation area due to the vertical construction. That is why this type of screen is used in places where the construction area of the total cleaning installation is limited or where big differences occur between water levels.

The band screen operates on a conveyor belt principle. In this case the belt has been replaced by mesh panels which are mounted between two endless transport chains. The chains are driven by two sprockets.

The debris which is trapped on the screens is removed by water jets and discharged through a flushed chute. The drive unit, flushing mechanism and debris hopper are located at deck level. The upper section above deck level is fitted with a metal or reinforced plastic cover.

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

Standard dimensions

Width: up to 4 m.

Pit depth: up to 15 m.

Mesh opening: 2/10 mm.

Specific dimensions or materials on request.

