

contec screens Screens

BV/DV series screens: vertical screens

Use:

Withdrawal of river water without the problem of how to dispose of solids! Effective retention of solids in flowing water, also excellently suitable as a retention system for substrate material in a biological treatment system.

Features:

Ingredients of the contec screen formula of success:

- Individual planning
- Low-maintenance
- Flexible construction
- Efficient operation
- Guaranteed reliability and safety for many years

With the addition of their low energy consumption and their long service life our screens speak for themselves. All screens are supplied completely assembled ready for operation and are delivered ready for connection after they have undergone a test run at our plant. Customers are welcome to join us for the commissioning of their equipment at our premises and a subsequent plant tour.

Design:

contec screens are made of stainless steel as a standard feature (material number 1.4301 or 1.4571, special types are available on request in, for example, 1.4462 Duplex [highly corrosion resistant]). Systems for existing structures can be supplied on request in IP68 (suitable for underwater operation) or with submerged bearings sealed.



Material:

DV screen systems are externally fixed in a vertical position, like a sluice gate, to a sheet piling element and are continuously immersed in the water. The extraneous solids are retained by the perforated screen plate and conveyed back into the river in the downstream direction by the slowly rotating brushes, while the cleaned water flows through the DV screen into the intake structure. From there, it is generally routed to a second water-preparation stage and used as industrial or municipal process water. Depending on the application, perforation sizes from 1 mm – 20 mm and throughputs of up to 3,600 m³/h are possible.

