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[HUBER Tamiz de aliviadero ROTAMAT® RoK1](#)

HUBER Tamiz de aliviadero ROTAMAT® RoK1



Tamices autolimpiantes para tanques de tormenta con aliviaderos y para colectores con descarga de pluviales

- Retención óptima de residuos gracias al paso acotado de la chapa perforada
- Limpieza continua de la malla filtrante
- Mínima pérdida de carga
- Fácil de montar en aliviaderos Existentes

During and after storm events large amounts of debris are discharged to streams, rivers and lakes through storm water overflows of combined and sanitary sewer systems. Particularly endangered receiving water courses and nature preservation areas require more extensive measures concerning the treatment of stormwater.

The ROTAMAT® RoK 1 screen is the ideal solution for this task, whether for new structures or refurbishment. The screen belongs to a group of fine screens designed for high flow rates at an extremely low hydraulic resistance. Two-dimensional screening guarantees a very high solids retention combined with automatic, gentle cleaning of the perforated plate.

RoK 1 screens are horizontally installed directly behind the downstream side of overflow weirs. A screw flight is mounted on a half cylinder of perforated plate. As the stormwater flows through the horizontal perforated half-pipe of the screen trough the solids are retained. A screw, with a brush attached on its flights, rotates within the semi-circular screen trough. It cleans the screen and pushes the screenings gently towards the end of the trough. At the end of the trough, the screenings are returned into the sewer and carried to

the wastewater treatment plant. Alternatively, the screenings are removed from the plant with a pump for further disposal. During storm conditions the screen is automatically started and then works fully automatically.

Ventajas

The screen is installed behind the weir overflow. This design results in the following favourable benefits:

- Optimal solids retention by means of twodimensional screening (perforated plate)
- Low hydraulic resistance due to installation behind the overflow at weir height
- The perfect solution for discharges with limited upstream head possibilities
- Defined screenings discharge
- Problem-free retrofitting into existing structures
- Possibility of completely submerging the screen

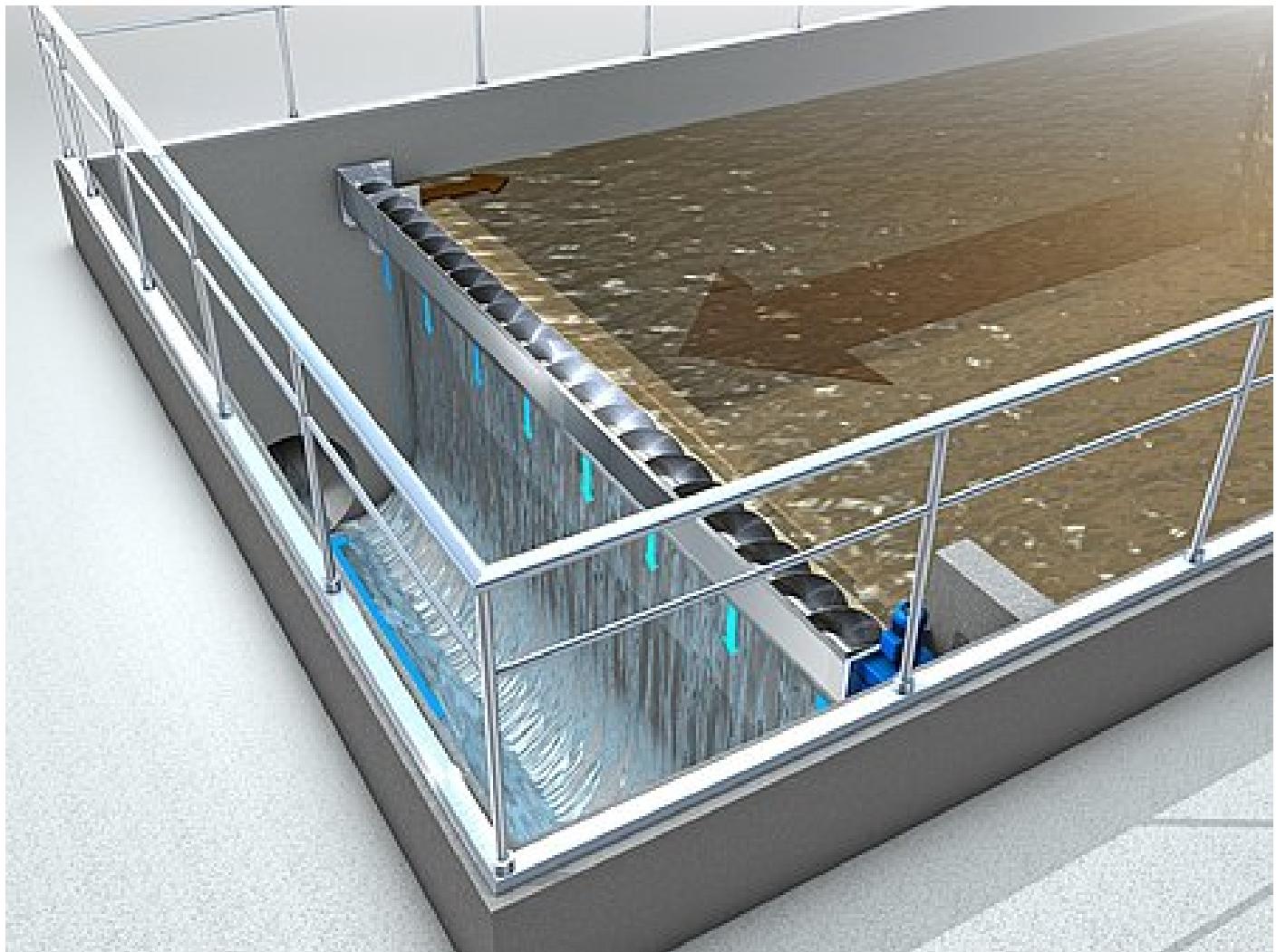
Downloads

 [Folleto: Tamiz para aliviaderos ROTAMAT® RoK 1](#) [pdf, 0.94 MB]

Casos prácticos

- [HUBER Technology's innovative, risk free, proven & versatile CSO / stormwater screening solutions](#)
- [Informe de la experiencia adquirida en relación al cribado mixto en la depuradora de Crankley Point de Reino Unido](#)
- [Optimised stormwater overflow tank functions at Kappern/Austria](#)

Esquema



Fotos



Más productos de este grupo: Tamices de aliviadero

- [HUBER Tamiz de aliviadero ROTAMAT® RoK2](#)

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