

contec screens

RBS series

Many municipalities and other organizations need the right technical solution for particularly low-cost and effective cleaning of wastewater in smaller facilities. The Contec range of screens removes solids and fibers with certainty from municipal and industrial wastewater. Fouling and debris can thus be reliably eliminated, and useful materials recovered.



Contec screens are robust, low-maintenance machines consisting of a frame structure into which perforated screen plates of a specific radius are bolted. The raw wastewater is fed onto the stainless-steel perforated screen plate at the front via a connecting flange. The solids are retained at a particle size depending on the perforation gauge, while the cleaned water flows downward through the plate. The rotating brushes are driven by a 60 or 150 W gear motor and reliably clean the perforated screen plate, while conveying the solids into the screenings discharge.

The secrets of success

The secrets of the success of NRW Contec screens, in addition to low energy consumption and high service-life, are:

- Individual planning and conception
- Flexible design
- Efficient operation
- Guaranteed safety and reliability for years on end

Screen perforation sizes

NRW Contec screens are made in Grade 304 stainless as standard, and are also optionally available in Grade 316 stainless. Contec screens are equipped with tried and proven stainless-steel perforated screen plates to assure the highest possible separation performance. Customers can choose from the following perforation sizes (mm):

- 0.6 - 0.8 - 1.0 - 1.5 - 2.0 - 3.0 - 4.0 - 5.0 - 6.0 - 8.0 - 10.0 - 12.0 - 15.0

Technical Data:

Model	Length L	Width B	Height H	Length with press L2	Height with machine H2	Power
RBS 2	29 in	37 in	31.5 in	76.5 in	41 in	0.06kW
RBS 4	44 in	37 in	31.5 in	91 in	41 in	0.06kW
RBS 6	59 in	37 in	31.5 in	106 in	41 in	0.12kW
RBS 8	75 in	37 in	31.5 in	122 in	41 in	0.12kW
RBS 10	90.5 in	37 in	31.5 in	137.5 in	41 in	0.15kW

Throughputs

from 30.0 to 1,673 GPM, depending on wastewater treated and ultimate utilization.

