With the Noggerath® Continuous Belt Screen BS, Aqseptence Group offers an economic and space-saving screen solution which has been successfully employed in daily use in municipal and industrial applications for more than 35 years.

The most important component of the Noggerath® Continuous Belt Screen BS is a slowly rotating continuous belt which consists of a multitude of identical screen elements. The solids are taken up directly from the channel and are smoothly removed from the liquid. The screenings are discharged and the belt is cleaned by a spray bar device and a rotating paddle directly behind the upper reversing point of the screen belt. Thus the screen entering back into the liquid is always clean.

**Noggerath® Continuous Belt Screen BS**

For mechanical cleaning of wastewater or contaminated liquids in wastewater treatment processes and the recovery of recyclable materials.

**Benefits**

- High discharge capacity with peak loads
- Space-saving due to steep installation
- No submerged bearings
- Smooth transport of solids
- High throughput capacity with minimal footprint

**Unique features**

The **intelligent, durable construction ensures low maintenance and a high level of operational reliability:**

- Self-cleaning
- Blockage monitoring
- No roll-back of solids
- Integration into tanks and compact units simply possible
- Additional filtering effect due to a solids layer on belt surface
- Replacement of individual screen elements

The screen elements have proven themselves to be reliable due to:

- High mechanical strength and rigidity
- High impact strength in cold conditions
- High shape retention in warm weather conditions
- High thermal fatigue resistance in fluctuating temperatures
- Flexibility enables trouble-free transport of bulky matter such as wood, stones, etc.
### Applications & fields of operation

<table>
<thead>
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<th>Applications</th>
<th>Typical solids</th>
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<tr>
<td>Municipal treatment plants</td>
<td>Fecals and floating solids</td>
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<tr>
<td>Fish processing</td>
<td>Shells, peelings, algae, jellyfish, fish waste</td>
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<tr>
<td>Abattoirs, meat processing</td>
<td>Feathers, fibres and hides</td>
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<td>Food industries</td>
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<td>Sugar refineries</td>
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<td>Chemical industries</td>
<td>Rejects, pulper rejects, paper</td>
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<tr>
<td>Paper industries</td>
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<tr>
<td>Wood-processing industries</td>
<td></td>
</tr>
<tr>
<td>Textile industries, tanneries</td>
<td></td>
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</tbody>
</table>

### Options

- Completely enclosed construction
- Automatic flushing system for invert recess
- Automatic flushing system for discharge chute
- Stainless steel channel-constriction plates downstream of screen

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