Introduction

The Schroeder self-indexing filter is a fully automatic system that ensures efficient cleaning of process fluids. This gravity feed system utilizes a motor driven conveyor to keep the fluid passing through clean media. The contamination is collected in a dry cake form so the media can be disposed of properly. The self-Indexing filter is designed to handle large dirt loads which makes it ideal to take the brunt of first stage filtration.

Advantages

- Non-pressurized system
- Economical and easy to use
- Fully automatic operation
- Service friendly
- Large dirt holding capacity

Applications

- Mining
- Parts washing chemicals
- Machine tool coolants
- Spray booth effluent
- Phosphating solutions
- Backwash from self-cleaning filters
- Cooling tower fluids
- Quenching oils
- Rolling oils
- Scrubbers
- Biofuel feedstock

System Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Range</td>
<td>up to 1500 gpm (5678 L/min)</td>
</tr>
<tr>
<td>Construction Material</td>
<td>carbon steel with epoxy coating</td>
</tr>
<tr>
<td>Conveyor Material</td>
<td>304 stainless steel</td>
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<tr>
<td>Seal Rings</td>
<td>neoprene</td>
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<tr>
<td>Seal Wheels</td>
<td>aluminum</td>
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<tr>
<td>Filtration Rating</td>
<td>7μ, 14μ, 18μ, 23μ and 28μ</td>
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</tbody>
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