BF PROCESS WATER SYSTEM

Stable process by clean water

The process water system BF fulfills the following functions:

- Collecting of the process water and feeding it at the required pressure to the individual locations of consumption
- Cooling of the process water
- Separating dust and contaminations from the process water

Process water systems BF can be retrofitted into existing pelletizing systems.

Your benefits

- Continuous filtration of the returning water through beltfilter
- Cooling through plate heat exchanger
- Process water conveying through centrifugal pump
- Water tank with automatic refill level control
- System engineering from one source, the process water system will be designed exactly according to the needs of the pelletizing system
- Energy saving water filtration
- Pumps designed for alternating function
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Stable process by clean water

<table>
<thead>
<tr>
<th>Technical data:</th>
<th>BF 20</th>
<th>BF 25</th>
<th>BF 30</th>
<th>BF 45</th>
<th>BF 60</th>
<th>BF 85</th>
<th>BF 105</th>
<th>BF 120</th>
</tr>
</thead>
<tbody>
<tr>
<td>Process water throughput [m³/h]:</td>
<td>20</td>
<td>25</td>
<td>30</td>
<td>45</td>
<td>60</td>
<td>85</td>
<td>105</td>
<td>120</td>
</tr>
<tr>
<td>Belt filter type:</td>
<td>SBF 200</td>
<td>SBF 250</td>
<td>SBF 300</td>
<td>SBF 400</td>
<td>SBF 650-L</td>
<td>SBF 910-L</td>
<td>SBF 1170-L</td>
<td>SBF 1300-L</td>
</tr>
<tr>
<td>Filter surface [m²]:</td>
<td>1.7</td>
<td>2.25</td>
<td>3.2</td>
<td>3.0</td>
<td>6</td>
<td>7</td>
<td>9</td>
<td>10</td>
</tr>
<tr>
<td>Nominal power of the conveying pump [kW] (at 6 bar pressure):</td>
<td>11</td>
<td>11</td>
<td>11</td>
<td>16</td>
<td>18.5</td>
<td>22</td>
<td>30</td>
<td>37</td>
</tr>
</tbody>
</table>

Belt filter unit SBF 650

Example: diagram of a process water system BF