Customized rotor optimizes pulper performance
IntensaRotor R

Individual adjustment enhances efficiency
To increase pulper efficiency, the rotors have to be optimally tailored to customers’ needs. Particularly in the case of low stock consistencies, a mismatched rotor can result in high power consumption. Thanks to its welded design the newly developed IntensaRotor R from Voith can be optimally adapted to the customer’s specific requirements. The separate rotor hub connection also allows individual adjustment of the distance between rotor and screen plate. The combination of wear-protected working edges and welded design results in a long service life of the rotor and reduces maintenance requirements.

Reduce your specific energy costs by up to 20 %
The innovative rotor blade alignment and shape not only ensures optimum pulping of the fibers, but also results in a very low specific energy requirement. By replacing the conventional rotor with IntensaRotor R, energy savings of up to 20 % or a significant capacity increase can be achieved.

The defibering bars on the underside of the rotor optimize the interaction with the screen plate and improve the deflaking and quality of the suspension. The smooth design minimizes ragger breaks and cutting of rejects. As a result, it can be removed from the pulper quickly and easily.
New rotor design reduces maintenance costs
The new rotor design is not only convincing with benefits during the pulping process, it also simplifies maintenance and cleaning. In case of replacement or during cleaning, only the rotor has to be removed and the rotor arm remains in the pulper, reducing the maintenance time and costs.

A perfect match for optimum results
IntensaRotor R is part of the Voith IntensaTechnology rebuild concept. In combination with the proven NDuraPlate B or NDuraPlate ES screen plates, Intensa deflector, bale breaker and double-cone bottom excellent pulping results will be achieved. IntensaRotor R can be used in all pulpers from Voith and conventional manufacturers. The welded design enables short delivery times.

upgrade to IntensaRotor R KBC 22D Pulper

<table>
<thead>
<tr>
<th>Raw material: AOCC / COCC</th>
<th>Before</th>
<th>After</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installed power</td>
<td>630 kW</td>
<td>630 kW</td>
</tr>
<tr>
<td>Rotor diameter</td>
<td>2 200 mm</td>
<td>2 200 mm</td>
</tr>
<tr>
<td>Rotor speed</td>
<td>154 min⁻¹</td>
<td>154 min⁻¹</td>
</tr>
<tr>
<td>Stock consistency</td>
<td>3.5 %</td>
<td>4.5 %</td>
</tr>
<tr>
<td>Specific energy consumption</td>
<td>27.2 kWh / t</td>
<td>24.5 kWh / t</td>
</tr>
<tr>
<td>Capacity</td>
<td>510 t/d</td>
<td>630 t/d</td>
</tr>
<tr>
<td>Energy savings</td>
<td>-</td>
<td>56 448 € / year</td>
</tr>
</tbody>
</table>

Your benefits IntensaRotor R
+ Individual adjustment of rotor
+ Up to 20 % lower energy consumption
+ Increase in capacity by up to 20 %
+ Improved pulping quality
+ Optimum ragger operation
+ Minimal cutting of rejects
+ Short delivery times
+ Low maintenance and refurbishing costs
+ Stable operating conditions and pulping quality