CANE JUICE CLARIFIER SYSTEMS

KEY BENEFITS

• Higher throughput (up to 50% increase)
• Lower clarified juice turbidities at higher throughput (<50 - 100 NTU achievable)
• Less fine fiber carry over through clarified juice screens resulting in reduced backend centrifugal maintenance
• Simpler operation and supervision (one flocculent addition point)
• Lower sucrose loss by inversion (juice residence time < 30 mins)
• Reduced color development
• Reduced purity drop in mud (mud residence time < 60 mins)
• Easy viewing of mud levels (mud windows fitted to side of vessel)
• Lower juice volume (shorter liquidation)
• Reduced lime usage
• Improved mud scraper design -> heavier mud
• Lower maintenance
• Quicker recovery from upset
• Approximate maximum throughputs under normal operating conditions.

<table>
<thead>
<tr>
<th>Diameter (m)</th>
<th>TCD</th>
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<tbody>
<tr>
<td>8</td>
<td>8 800</td>
</tr>
<tr>
<td>10</td>
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<tr>
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<td>20 000</td>
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<td>14</td>
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