High impact tank cleaning machine
»IntenseClean«
Series 5TM

Series 5TM
The IntenseClean is used in many applications, amongst others in the petrochemical industry. It is noted for its robust and proven construction, effective solid jets and gear-controlled rotation.

Materials
316L SS, 304 SS, 302 SS, PTFE, PEEK

Max. temperature
95 °C

Recommended operating pressure
5 bar

Installation
Operation in every direction is possible

Filtration
Line strainer with a mesh size of 0.2 mm/80 Mesh

Bearing
Ball bearing

Weight
7.5 kg

Rotation monitoring sensor
Sensor compatible, Info: see page 74

Overview of the tank diameter, depending upon the pressure of series 5TM

Scan the QR-code or go to:
www.lechler.com/intenseclean
### Spray angle

<table>
<thead>
<tr>
<th>Ordering no.</th>
<th>E [mm]</th>
<th>Number, Ø Nozzles [mm]</th>
<th>V [l/min]</th>
<th>p [bar] (p\text{max} = 7 bar)</th>
<th>Max. tank diameter [in]</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>2</td>
<td></td>
<td>at 40 psi [US gal./min]</td>
</tr>
<tr>
<td>360°</td>
<td></td>
<td></td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STM.208.1Y.AS</td>
<td>8</td>
<td>2 x 8.0</td>
<td>125</td>
<td>153</td>
<td>39</td>
</tr>
<tr>
<td>STM.210.1Y.AS</td>
<td>10</td>
<td>2 x 10.0</td>
<td>160</td>
<td>196</td>
<td>253</td>
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<tr>
<td>STM.406.1Y.AS</td>
<td>6</td>
<td>4 x 6.0</td>
<td>140</td>
<td>171</td>
<td>221</td>
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<tr>
<td>STM.407.1Y.AS</td>
<td>7</td>
<td>4 x 7.0</td>
<td>170</td>
<td>208</td>
<td>269</td>
</tr>
<tr>
<td>STM.408.1Y.AS</td>
<td>8</td>
<td>4 x 8.0</td>
<td>200</td>
<td>245</td>
<td>316</td>
</tr>
<tr>
<td>STM.410.1Y.AS</td>
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<td>4 x 10.0</td>
<td>260</td>
<td>318</td>
<td>411</td>
</tr>
</tbody>
</table>

E = narrowest free cross-section

The maximum tank diameter shown above applies for the recommended operating pressure and is indicative only. The cleaning result is also affected by the type of soiling.

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**Diagram:**

- Female thread
- STM.2XX.1Y.AS (2 nozzles)
- STM.4XX.1Y.AS (4 nozzles)

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**Graph:**

- Cycle time depending on pressure of series STM

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**Legend:**

- STM.208
- STM.210
- STM.406
- STM.407
- STM.408
- STM.410