EVAC Urinal
VACUUM SYSTEM
**EVAC Urinal**
- Standardized technology
- Bowl geometry can be adapted to project specific needs
- Space saving installation
- Reduces water consumption by up to 50%
- Increases train availability by reduced amount of waste water
- Higher capacity per toilet module
- Supports improved hygienics

**GENERAL DATA**

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>Shroud</th>
<th>FRP and Stainless steel</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUPPLIES</td>
<td>Compressed air</td>
<td>6 – 7 bar</td>
</tr>
<tr>
<td></td>
<td>Voltage</td>
<td>24 V DC</td>
</tr>
<tr>
<td></td>
<td>Water</td>
<td>max. 3 bar</td>
</tr>
<tr>
<td>CONSUMPTION</td>
<td>Water</td>
<td>0.1 l - 0.2 l</td>
</tr>
<tr>
<td>REGULATIONS</td>
<td>UIC 563, EN 50155, EN 50128, EN 61373, EN 15085, EN 50059, DIN 5510, NF F 16.101, EN 45545 in preparation</td>
<td></td>
</tr>
</tbody>
</table>

**Operating description**
There are multiple technical possibilities to operate the urinal system:

**Compact System**
The compact urinal design combines all necessary components in one unit. The content of the bowl flows by gravity into an integrated intermediate tank. Setting the intermediate tank under over-pressure, the waste water can be transported to the main waste water tank.

**E2000 System**
The EVAC urinal can be easily combined with E2000 systems. The urinal will be connected to a vacuum waste water tank, when a flush cycle is started, the inlet valve opens and the content of the bowl will be transported to the waste water tank using the vacuum in the tank.

**Transfer System**
Another option is to combine the urinal with an EVAC compact toilet. The waste water pipe of the urinal will be connected to the intermediate tank of the compact toilet. The intermediate tank will collect the waste water from the urinal by means of vacuum and transports the waste water to the main waste water tank by using pressurized air.