Injector Screw:
The injector screw transfers or injects dry chemicals into a sludge mixer, slurry tank or gas stream while isolating moisture, heat and condensation from the dry chemical.

The unit replaces rotary airlocks, pinch valves and slide gates.

Advantages:
- Replaces airlocks/slide gates
- Reinforced screw and geardrive
- Protects the screw feeder and upstream equipment
- Made of SS304
- Easy-to-assemble
- Quick disassembling
- No preventative maintenance

www.sodimate-inc.com
**Operation:**

The injector screw is composed of an inlet chute, a reinforced screw and a gear drive.

The power of the motor is oversized and the screw is reinforced in order to sustain difficult operating conditions generated by moisture, steam or pressure.

The injector scaling prevents lump formation and is capable of handling virtually any dry chemical.

<table>
<thead>
<tr>
<th>Injector type</th>
<th>Injector outer Ø</th>
<th>Max feedrate</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID 80</td>
<td>3 ½&quot;</td>
<td>20 ft³/hr</td>
</tr>
<tr>
<td>ID 100</td>
<td>4 ¼&quot;</td>
<td>45 ft³/hr</td>
</tr>
<tr>
<td>ID 120</td>
<td>5 ½&quot;</td>
<td>140 ft³/hr</td>
</tr>
<tr>
<td>ID 150</td>
<td>6 ½&quot;</td>
<td>240 ft³/hr</td>
</tr>
</tbody>
</table>

*Feedrate may vary according to product and site design.