**DATA SHEET**

**Tumble Box 2800**

Pneumatically Operated up to 2,800 bar (40,000 psi)

---

**Introduction:**

Tumble Box is an inline dump valve developed for use with all plunger pump types, using pneumatically powered jetting guns with pilot return air signals.

Air is supplied from customer pump unit or separate air compressor, through the tumble box pressure regulator, lubricator and water trap device to the high pressure jetting gun (RG3000, PAG3000 or similar).

---

**Features:**

- Rugged aluminium protection frame.
- High pressure cartridge repair kit which can be replaced quickly, ensures maximum productivity.
- Use within 6 metres of high pressure jetting gun.
- Field proven success around the world.
- Inexpensive to maintain.
- Air isolator allows emergency shutdown of jetting activity at the tumble box.
- Dump valve diffuser reduces erosional wear.

---

**Technical Information**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Operating Pressure</td>
<td>2,800 bar (40,000 psi)</td>
</tr>
<tr>
<td>Maximum Permissible Flow-rate</td>
<td>26 lpm (6.8 USgpm)</td>
</tr>
<tr>
<td>Weight</td>
<td>15kg (33 lbs)</td>
</tr>
<tr>
<td>Connections - Water</td>
<td>M30 x 2 Female or 1 1/8” UNF Male</td>
</tr>
<tr>
<td>Connections - Air</td>
<td>Inlet to Tumble Box - 3/8” BSPM Outlet to Gun - 3/8” BSPM Return signal from Gun - 1/4” BSPM</td>
</tr>
</tbody>
</table>

---

Please contact us to discuss your requirements in detail. Tel: +44 (0) 1905 759090

INNOVATION THROUGH EXPERIENCE

www.calderltd.com

Calder Ltd
Prescott Drive
Wardon
Worcester
WR4 9NE
United Kingdom

web: www.calderltd.com
email: sales@calder.co.uk
tel: +44 (0) 1905 759090
fax: +44 (0) 1905 759091

Calder Ltd reserve the right to alter specifications and data to incorporate improvements in design.