

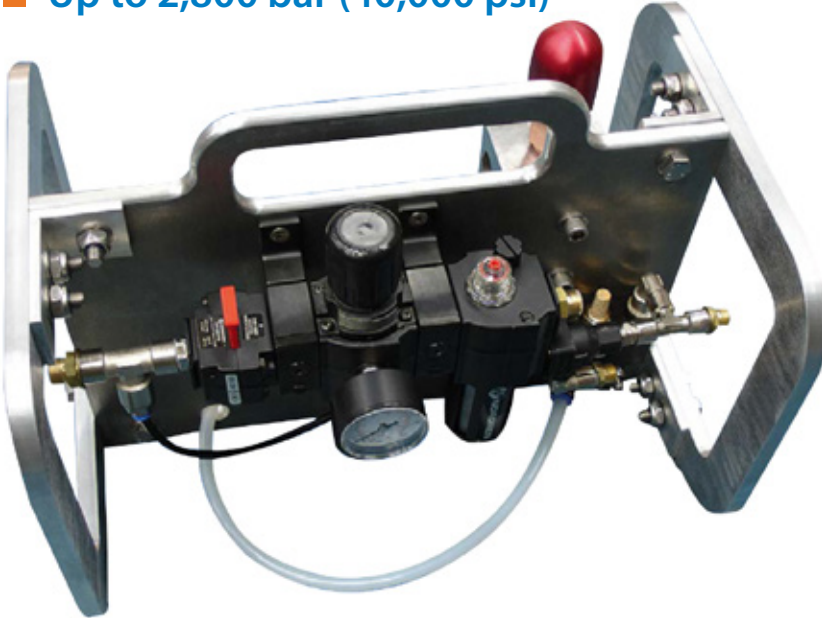
## DATA SHEET

## Tumble Box 2800

Pneumatically Operated up to 2800 bar (40,000 psi)

**CALDER****Tumble Box 2800**

■ Up to 2,800 bar (40,000 psi)

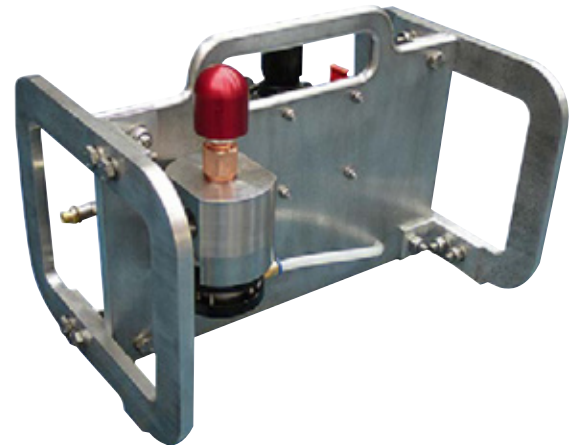


Air return signal from the gun return line is connected to the pneumatic cylinder. When triggers are pulled, air is applied to the cylinder closing the 'dump' valve and pressurising the gun. When triggers are opened/ released air is vented from the cylinder and the gun is depressurised. Our fail-safe design allows depressurisation if air hoses leak or burst. High pressure wear parts can be field-replaced in minutes courtesy of the cartridge repair kit.

**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	
Maximum Operating Pressure	2,800 bar (40,000 psi)
Maximum Permissible Flow-rate	26 lpm (6.8 USgpm)
Weight	15kg (33 lbs)
Connections - Water	M30 x 2 Female or 1 1/8" UNF Male
Connections - Air	Inlet to Tumble Box - 3/8" BSPM Outlet to Gun - 3/8" BSPM Return signal from Gun - 1/4" BSPM

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

INNOVATION THROUGH EXPERIENCE

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