



STATS GROUP

Managing Pressure, Minimising Risk

BI-STOP™ Small Bore Temporary Line Plugging



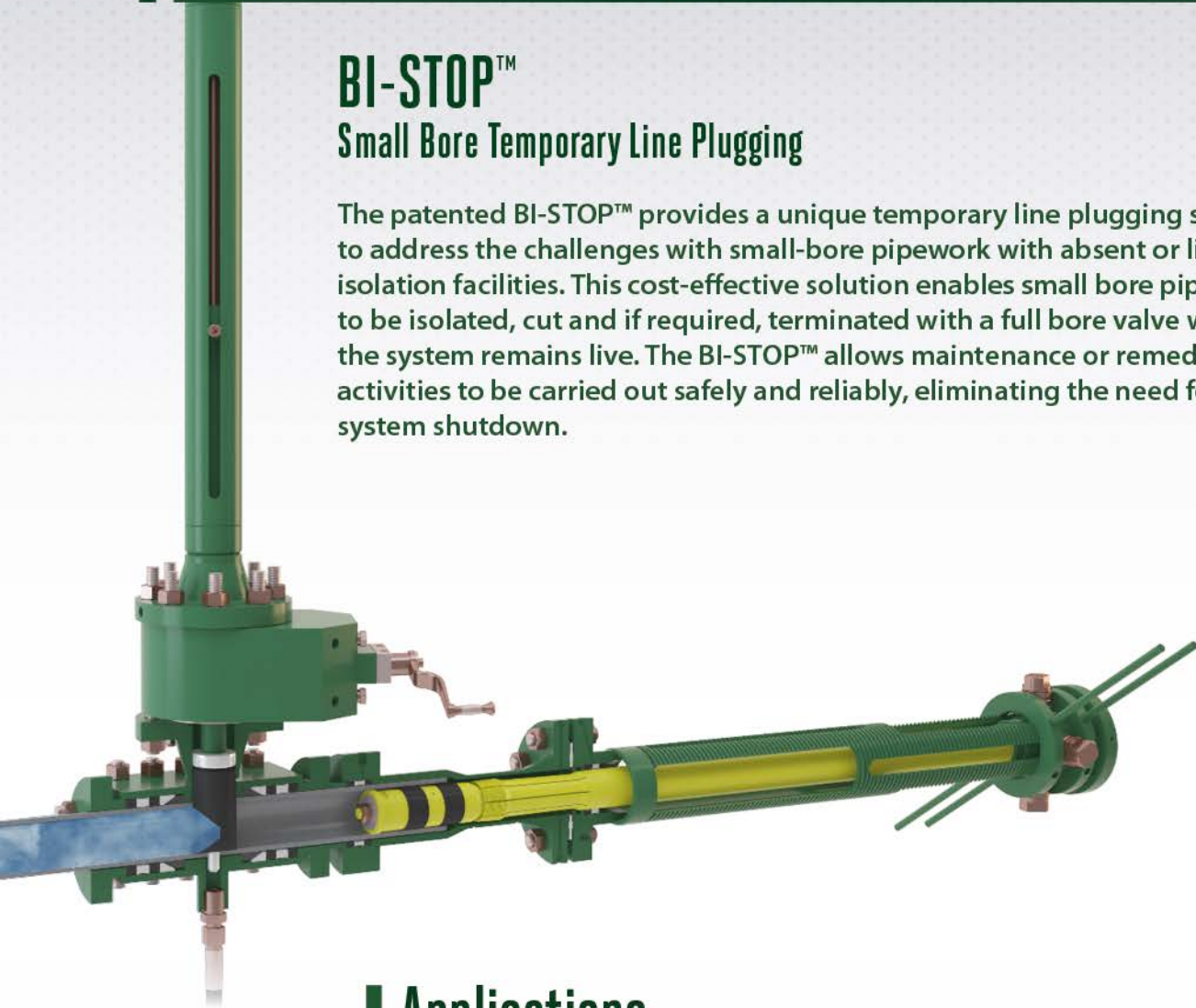
← BI-STOP™

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BI-STOP™

BI-STOP™ Small Bore Temporary Line Plugging

The patented BI-STOP™ provides a unique temporary line plugging system to address the challenges with small-bore pipework with absent or limited isolation facilities. This cost-effective solution enables small bore pipework to be isolated, cut and if required, terminated with a full bore valve whilst the system remains live. The BI-STOP™ allows maintenance or remediation activities to be carried out safely and reliably, eliminating the need for a system shutdown.



Applications

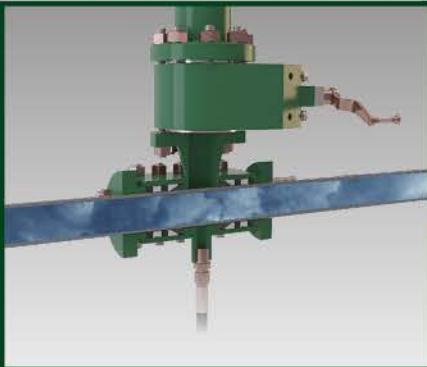
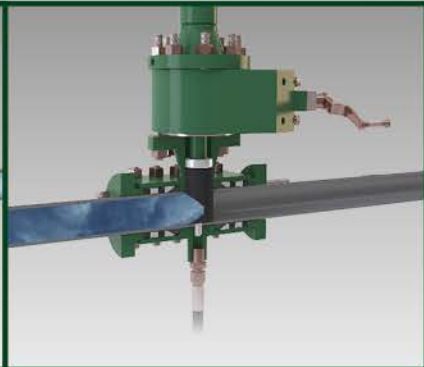


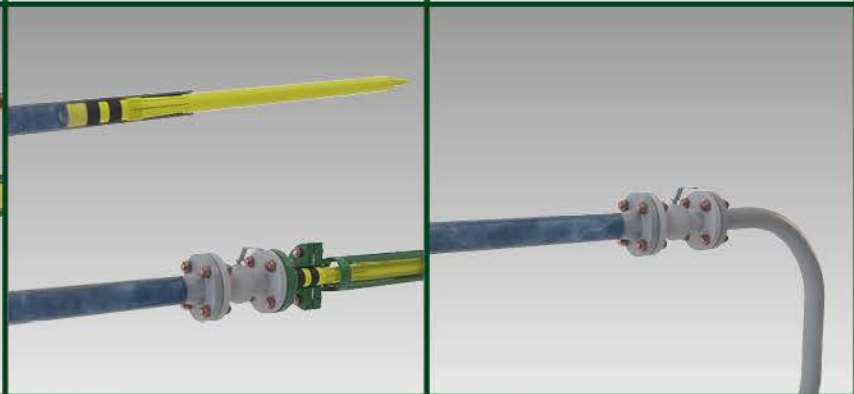
- ◆ Provide a temporary isolation to facilitate pipework repair or modification
- ◆ Install a system specified full bore valve where isolation facilities are absent or limited
- ◆ Cap and terminate dead leg or redundant pipework
- ◆ Provide a permanent or temporary pipework tie-in

BI-STOP™ Specification

- ◆ Standard Nominal Size Range 1", 1.5" and 2"
- ◆ Pressure Rating ANSI Class 300 (51.1 bar / 725 psi)

Operator Benefits

- ◆ Cost-effective solution for temporary isolation of small bore pipework eliminating the need for a system shutdown
- ◆ Unplanned outage and maintenance costs either eliminated or significantly reduced
- ◆ No need to leave temporary mechanical fittings on the pipe
- ◆ Temporary isolation allowing modifications without the need for hot-work
- ◆ Innovative equipment design addresses pipe destruct and construct requirements including pipework reinstatement testing

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| <p>STEP 1</p> <p>Install and leak test temporary hot tap fitting, isolation valve and hot tap machine.</p> | <p>STEP 2</p> <p>Conduct hot tap and deploy BI-STOP™ isolation barrier.</p> | <p>STEP 3</p> <p>Cut pipework behind BI-STOP™ isolation barrier and install inline isolation tool and launcher.</p> |
|  |  | |
| <p>STEP 4</p> <p>Recover BI-STOP™ isolation and deploy inline isolation tool and set at location.</p> | <p>STEPS 5 & 6</p> <p>Remove temporary hot tap fitting, inline isolation tool launcher and cut pipework to remove hot tap penetration.</p> <p>Install welded or mechanical flange and permanent isolation valve complete with isolation tool launcher. Unset and recover inline isolation tool into launcher and close valve.</p> | |
| <p>STEP 7</p> <p>Install new pipework to isolation valve.</p> | | |



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