

LOGSTOR Installation Instructions

Flexible pressure tool for BandJoint \varnothing 90-200 mm



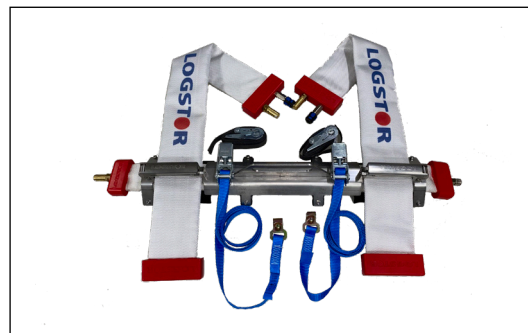
Installation instructions

Flexible pressure tool for BandJoint \varnothing 90-200 mm

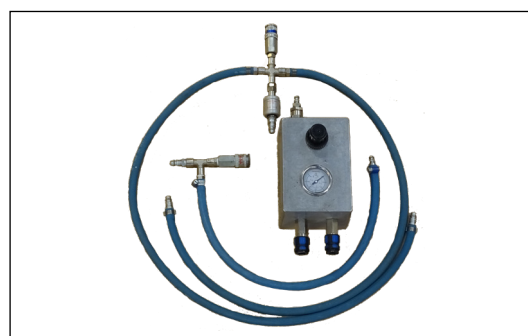
Pressure tool contents

Flexible pressure tool (570 mm) for \varnothing 90-200 mm BandJoint.

2 x 25 mm straps.



Pressure hoses and reduction box for flexible pressure tool.



At regular intervals inspect hoses, tools and safety equipment for damage.

Minimum every three months pressure bands that are continuously used, must be checked for damage and leaks.

Pay special attention to the fold on both sides of the pressure band as regards leaks. Check for leaks by applying air pressure and using leak spray.

Likewise, check the pressure band for wear on the side facing the joint.

Record that the pressure band has been inspected - possibly by writing the date on the pressure band or under Comments in the joint report.

Regularly, check the tool for visible damage. Including safety valves and Airlock clamp.

The AirLock clamp is used to adjust and squeeze the circumferential pressure bands.

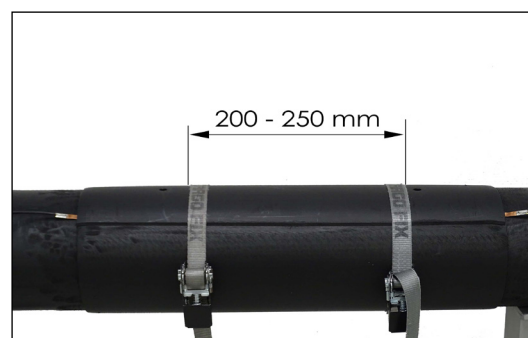
Installing BandJoint

Installation of the BandJoint is carried out in accordance with the Weld Joint Manual pages 2.1.1- 2.1.6: Installing depth guard and Pre-installing the BandJoint.

When using the flexible pressure tool steel screws must always be used to install the depth guard.

The straps should be placed in the displayed area of the steel rail.

Outer distance of straps:
Std rail: Min 200 - max. 250 mm
XL rail: Min 450 - max. 500 mm



Installation instructions

Flexible pressure tool for BandJoint ø 90-200 mm

Installing BandJoint, continued

It is recommended to install tape in the welding zones to ensure a long service life of the pressure bands. Remove the tape before leakage testing.

Now install the flexible pressure tool as described in the following.

Installing the pressure tool

It may be an advantage to scan the QR code on the label before installing the flexible pressure tool.

Center the pressure tool on top of the joint.

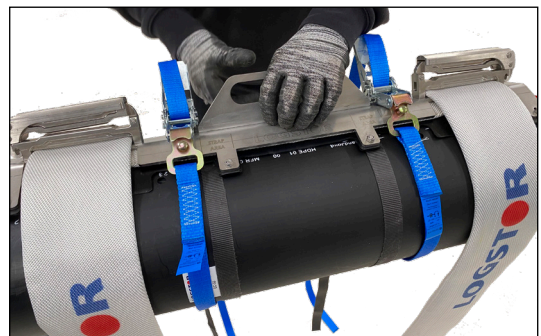


Install the pressure tool straps loosely around the joint.

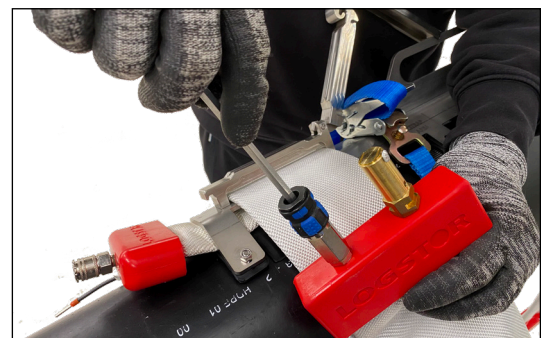


Push the pressure tool upwards from the bottom until stop against the rubber rail on the steel rail, so it is aligned with the edge of the overlap.

Tighten the straps in this position.



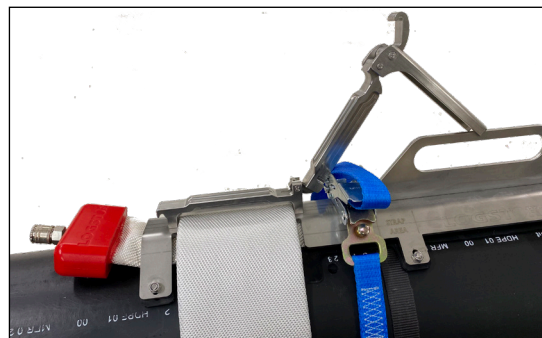
Release the check valve in the three pressure bands with a blunt tool.



Installation instructions Flexible pressure tool for BandJoint \varnothing 90-200 mm

Installing the pressure tool, continued

Open the Airlock clamp



Place the end of the pressure band
across the Airlock clamp.



Wrap the pressure band around the
sleeve and pull, so that the pressure
band is in contact with the sleeve.

Close the Airlock clamp around the two
hose ends.

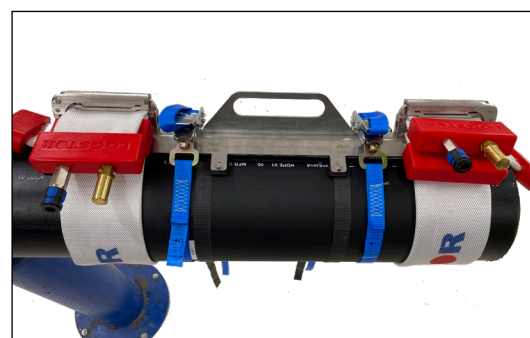
Mind your fingers.

Hold the Airlock clamp so your fingers
are not between the clamp and the
closing handle.



Connecting pressure hoses

When the flexible pressure tool has
been installed correctly as shown in the
picture, the pressure hoses can be con-
nected.



Installation instructions

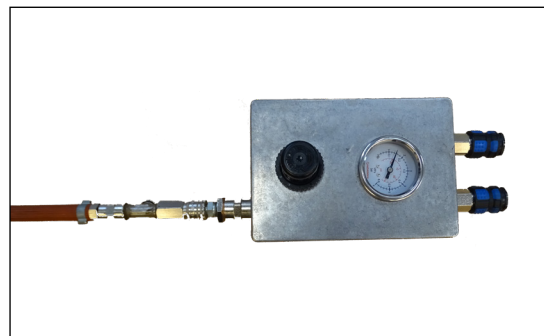
Flexible pressure tool for BandJoint \varnothing 90-200 mm

Connecting pressure hoses, continued

Connect the red hose (high pressure) to the reduction box.

The pressure on the reduction box is indicative.

When the PDA or mobile phone via LOGSTOR Connect App is connected, the pressure is checked on the PDA or in the App.

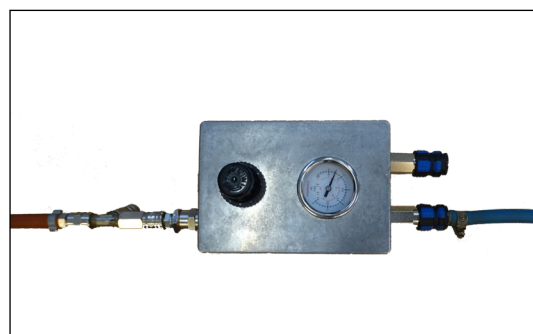


The valve on the distributor must be in closed position, until all pressure hoses have been connected.



Connect the blue hose (low pressure) to the reduction box.

Connect the final coupling from the three-way connection to the Weld-Master, using a blue hose in the required length.



Before opening the air pressure, dismantle the short coupling hose on the pressure rail and bend it.

Open the closed valve, so the circumferential pressure bands are filled with air.



Now connect the short coupling hose to the longitudinal pressure rail.



Installation instructions Flexible pressure tool for BandJoint ø 90-200 mm

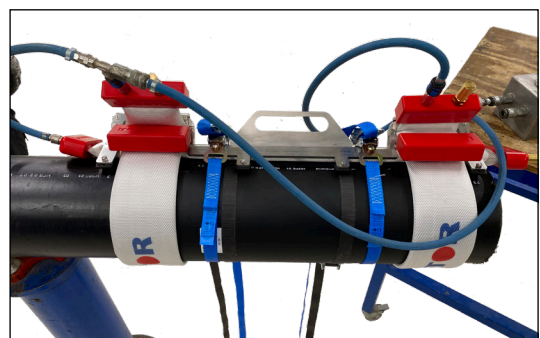
Connecting pressure hoses, continued

When the pressure on the pressure band has been achieved, loosen the two straps on the joint itself.



Connect the welding cables, sensor wires and return air hose from the reduction box to the front of the WeldMaster/WeldMaster Light.

Connect the two cables from WeldMaster/WeldMaster Light to the terminals in the sleeve - be careful with the connection. There must be a good connection. Tighten the clamps.



Check that the pressure on the PDA or in the App on the mobile phone is 1.5 bar. WeldMaster/Weld Master Light monitors that pressure is kept within permissible tolerances during the welding process (1.4 -1.7 bar).

Then proceed with the installation as described in the Weld Joint Manual pages 2.2.12 - 2.2.14 and section "WeldMaster".

Contact details

Denmark

LOGSTOR Denmark Holding ApS
Danmarksvej 11 | DK-9670 Løgstør

T: +45 99 66 10 00
E: logstor@kingspan.com



For the product offering in other markets please contact your local sales representative or visit www.logstor.com

Care has been taken to ensure that the contents of this publication are accurate, but Kingspan Limited and its subsidiary companies do not accept responsibility for errors or for information that is found to be misleading. Suggestions for, or description of, the end use or application of products or methods of working are for information only and Kingspan Limited and its subsidiaries accept no liability in respect thereof.

To ensure you are viewing the most recent and accurate product information, please scan the QR code directly above.

