PICOTE
LIFE FOR PIPES

Lining Drum 340

OPERATION & SAFETY MANUAL

PICOTE ORIGINAL INSTRUCTIONS SOLUTIONS



WARNING

These instructions are for your personal safety. Always ensure that you have read and understood these instructions before using the equipment.
SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.

TABLE OF CONTENTS

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

Topic	Page
Safety Information	3
Transport, Storage & Disposal	5
Statement of Sound Engineering Practice	6
General Information	7
Technical Data	8
Parts and Accessories	9
Operating Instructions	10
Maintenance	12
Maintenance - Spare Parts	13
Warranty	14
Training	15

To watch practical demonstration videos, take a course, or to download an electronic copy of these Instructions, please visit www.picoteinstitute.com. Please note that videos and courses are not intended as a replacement or alternative to this operating and safety manual, but only as an additional learning tool.

SAFETY INFORMATION

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

WARNING **This section contains important safety information.**
Failure to comply could result in serious injury or death.

Safety Symbols

Safety symbols are used throughout this manual to draw attention to potential hazards.



Danger risk of serious injury, follow instructions.



Danger risk of serious injury from moving parts, follow instructions.



Danger risk of serious injury from hot parts, follow instructions.



Danger do not touch. Risk of injury, follow instructions.

Personal Protective Equipment (PPE)

Always use Personal Protective Equipment including suitable protective clothing, footwear, plus:



Suitable eye protection to protect against injuries and chemicals from irritating eyes.



Suitable heat and cut-resistant gloves to help prevent any hand injuries. Any open injuries or skin irritations should always be covered to avoid contact with sewage, chemicals or dust.



Suitable respirator to prevent any dust or fumes being inhaled or consumed, which could cause occupational asthma or dermatitis.



Suitable ear protection to protect against hearing loss.

SAFETY INFORMATION

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

WARNING

This section contains important safety information.
Failure to comply could result in serious injury or death.

- The working pressure for the compressed air is to be adjusted with a precision pressure regulator and should not exceed the maximum allowed pressure of 3,0 bar / 43 PSI gauge pressure. At higher pressure the safety valve will open.
- In case of any defect on the safety valve, it may only be replaced by Picote original spare parts with the same opening pressure. Do not use the drum, if the safety valve does not work.
- Maximum allowable air flow from the compressor is 1.5 m^3 / min
- Always use the Lining Drum on an even surface to prevent it from tipping
- Lining Drums should be pressure and leak tested if it has been dropped, knocked over or is otherwise suspected to be damaged.
- Picote Lining Drums should only be used for the installation of flexible CIPP liners and Calibration Tube and related CIPP accessories related to CIPP Inversion.
- During steam or hot water curing Lining Drums may get very hot to the touch.
- Always depressurize the Lining Drum before attempting to open it.
- Picote Lining Drums may not be modified without consultation and written agreement from the Picote Solutions representative.

TRANSPORT, STORAGE & DISPOSAL

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

TRANSPORT:

Always transport the Lining Drum firmly secured.

STORAGE:

It is recommended that Lining Drum is stored indoors to protect them from rain and sunlight, and also in a constant ambient temperature.

DISPOSAL:

The Lining Drum can be recycled at as metal waste.

Always follow local, regional, and national waste handling rules and regulations.

ENVIRONMENTAL:

Operational Ambient Temperature Range: 0 to 50°C (32 to 122°F).
Storage Ambient Temperature Range: -20 to 60°C (-4 to 140°F).

Statement of Sound Engineering Practice

Statement No.: SEP-340-001

We:

Company Name:	Picote Solutions Oy
Postal Address:	Pienteollisuustie 24
Postcode:	06450
City:	Porvoo
Coutry:	Finland
Telephone number:	+358 415459054
E-Mail address:	support@picotesolutions.com

This statement is issued under our sole responsibility and refers to the following subject:

Apparatus model:	Picote 340 Inversion Drum
Part Number:	2300000341 / 2300000342, including variants identified by additional suffixes
Type:	Lining Inversion Drum
Serial number:	Individually assigned, see product plate
Production:	Series production

Regulatory classification

The product is pressure equipment within the scope of Directive 2014/68/EU and falls under Article 4(3), Sound Engineering Practice (SEP).
In accordance with Article 4(3) of Directive 2014/68/EU, the product has been designed and manufactured in accordance with sound engineering practice in Finland in order to ensure safe use.
The product is below or equal to the applicable limits specified in Article 4(1) of Directive 2014/68/EU and is therefore not subject to a conformity assessment procedure under Article 14 of the Directive.

CE marking status:

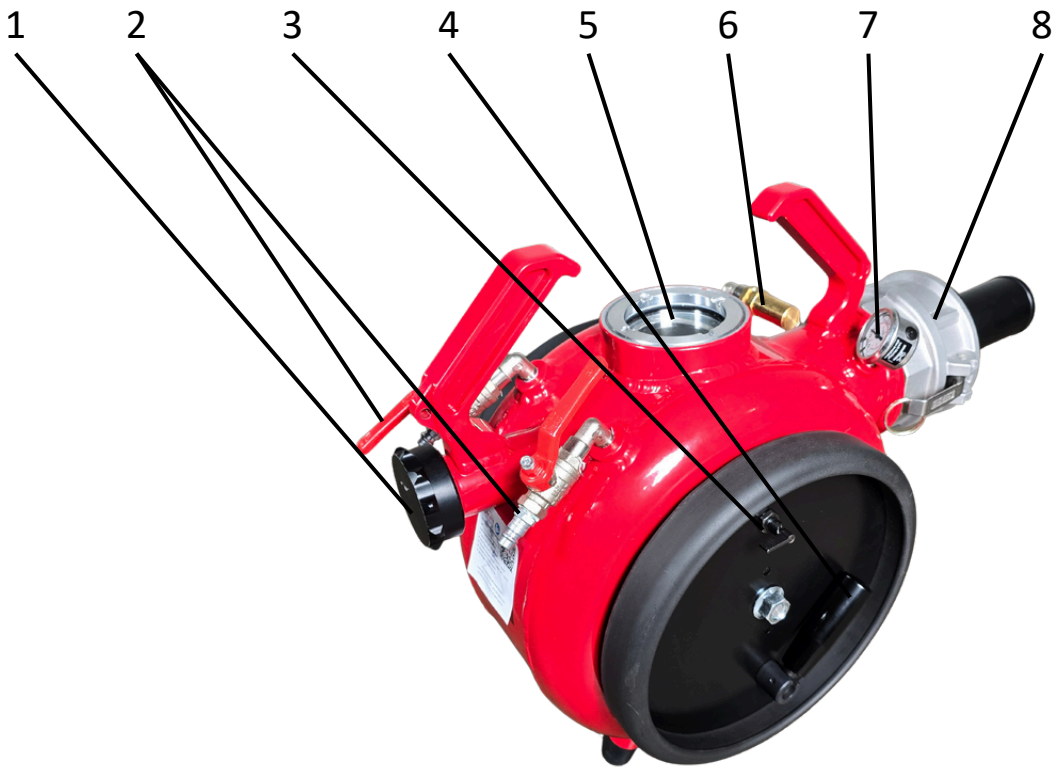
In accordance with Article 4(3) of Directive 2014/68/EU, this product does not bear the CE marking under the Pressure Equipment Directive.
The product does not fall within the scope of Regulation 2023/1230/EU on machinery. No other applicable Union harmonisation legislation requiring CE marking has been identified.
Consequently, no EU Declaration of Conformity is issued for this product.

Standards and technical specifications used as design basis:
EN 13445-3:2021, Design

Signed for and on behalf of:

Porvoo, Finland	10.9.2026	Lauri Kellokumpu, Senior Operations Director.
Place of issue	Date of issue	Name, title, signature

No.	Description
1	Auxiliary Port
2	Input Valves
3	Wheel Lock
4	Wheel Handle
5	Sight Glass
6	Safety Valve
7	Pressure Gauge
8	Camlock / Storz Port



Lining Drum 340

Size (mm/inches)	Pipe Range (DN/IN)	Liner Capacity (m/ft)	Min / Max Operating Pressure	Connection
410x370x277mm 16.1x14.6x10.9"	DN50-100 2-4"	10m / 32' DN100 / 4"	0-3.0 bar 0-43 PSI	4" Storz or Camlock
Allowable Operating Temperature Range	**Volume**	**Maximum allowable airflow**	**Weight (kg/lbs)**	**Curing**
0 to 100°C 32 to 212°F	16 L 4.2 Gal	1.5 m^3 / min	12.5 kg / 27.5 lbs	Ambient, Hot Water, Steam

INTENDED USE

This machine is intended for the following uses:

1. Installing CIPP Inversion Liners

Picote 340 Lining Drum Parts & Accessories

Part Number	Description
2301400050	Inversion Head DN50/2” with 4” Storz Coupling
2301400070	Inversion Head DN70/3” with 4” Storz Coupling
2301400100	Inversion Head DN100/4” with 4” Storz Coupling
2301500050	Inversion Head DN50/2” with 4” Male Camlock Coupling
2301500070	Inversion Head DN70/3” with 4” Male Camlock Coupling
2301500100	Inversion Head DN100/4” with 4” Male Camlock Coupling
2300000002	Inversion Tank Key for Storz
2300000008	Camera & Smart Heat Sealing package for Drums

Always follow the Picote Solutions instructions when installing and using the Lining Drum with accessories.

OPERATING INSTRUCTIONS

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

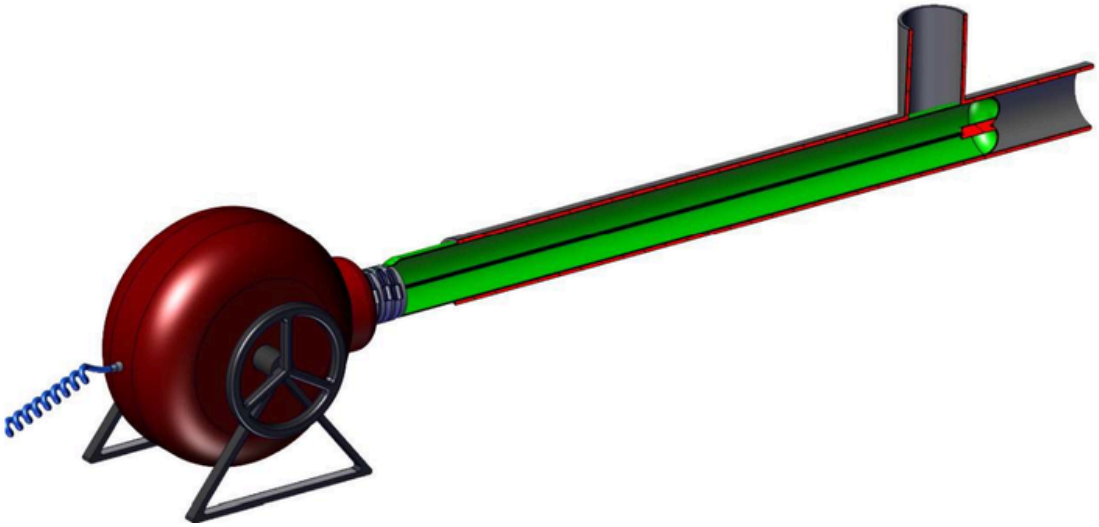
WARNING This section contains important safety information.
Failure to comply could result in serious injury or death.

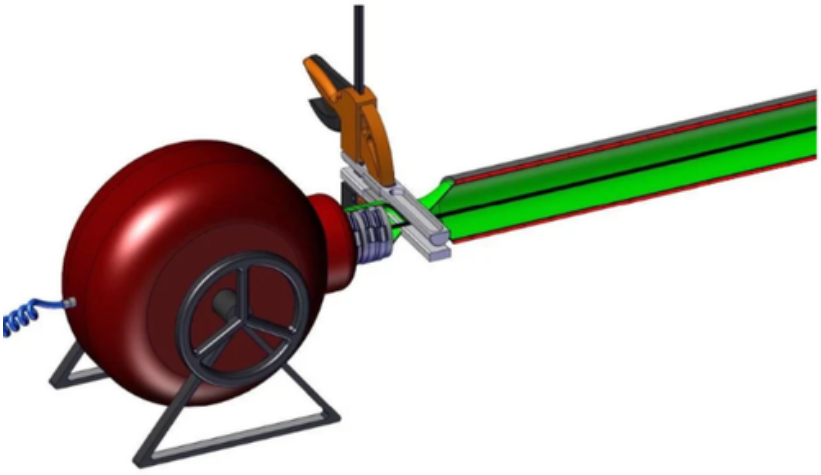
Visually check the Lining Drum for damage. Do not use if the unit has clearly been damaged!
Ensure proper inflow of compressed air and that the pressure regulator is functioning properly.

Before Use:
There are multiple different nozzles available for the Lining Drums. To make installing and removing different nozzles easier, make sure the seals are clean.

During Use:

Control the flow of the liner with the Turning Wheel and by adjusting the installation pressure.
The Lining Drum can be left attached to the liner or alternatively a Liner Compressor can be used to prevent the liner from collapsing during the installation of Picote Curing Cap.
The second inlet valve can be used to hot water or steam cure the liner.
The auxiliary port can be used with inspection camera or Picote Smart Heat Cable.





After Use:

Depressurize the Lining Drum before attempting to open the camlock or storz connection.
Clean up possible resin stains.

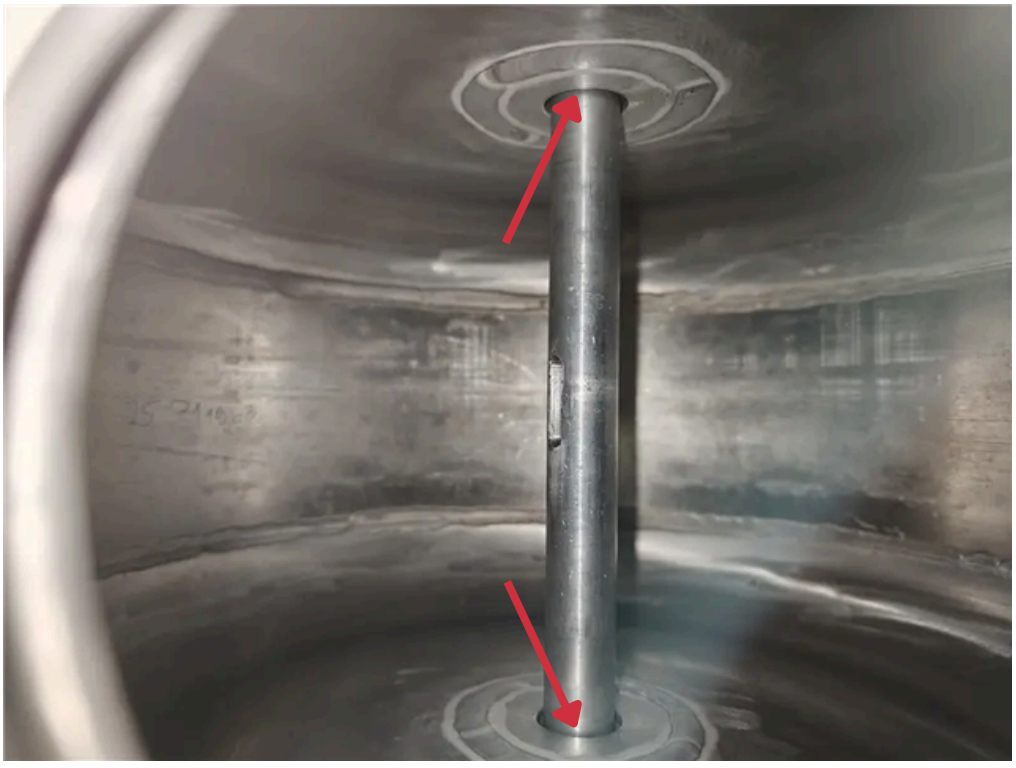
MAINTENANCE

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

WARNING This section contains important safety information.
Failure to comply could result in serious injury or death.

Seal Maintenance:
Visually inspect the Camlock or Storz gasket condition. Clean if necessary. If it appears damaged or is leaking, order a replacement part from you reseller. Silicone grease can be used for dry seals if required.

Axle Seal and Bearings:
To lubricate the bearings and protect them form moisture, spray some lubricant to the ends of the axle inside the drum monthly. Wipe off the excess lubricant.



Storz gasket / Camlock gasket:
Pry out the old seal, clean the groove if it is dirty and push in the new seal. Lubricant or soapy water can be used to make fitting a Storz seal easier.

Picote 340 Lining Drum Spare Parts	
Part Number	**Description**
900004671	Rubber Feet
900004815	4" Storz Gasket
900004062	4" CAMLOCK Gasket
900004753	Pressure Gauge
900004756	Ball Valve
900004752	Safety Valve
900002282	Carry Strap
900004761	Spring Hook for Carry Strap
900000139	Air Coupling CEJN EU
900001015	Air Coupling US
900004371	Wheel Handle
900004742	Locking Pin for Wheel
900000828	Cannon Cap without hole

Limited Warranty:

Picote warrants to the original End User that the Product purchased by such End User will operate in accordance with, and substantially conform to their published specifications when shipped or otherwise delivered to the End User and for a period of one (1) year, except electric motors for which the warranty period shall be six (6) months, provided, however, that Picote does not warrant any claim or damage under this Warranty if such claim or damage results from:

1. Consumable parts or normal wear and tear resulting from use of the Products
2. Product overload or overheated motor
3. Regular periodic maintenance of Products
4. Misuse, neglect, or improper installation or maintenance of the Products, or use of Products not for their intended purpose
5. Products that have been altered, modified, repaired, opened or tampered with by anyone other than Picote or an authorized Picote Service Centre, or unsuitable or unauthorized spare parts, accessories or third party products when using the Products or;
6. the use of the Products not in compliance with their respective Documentation, user manuals, safety and maintenance instructions, and any usage restrictions contained therein, or
7. accident, fire, power failure, power surge, or other hazard.

Otherwise, the Products are sold AS IS. End User is responsible for using the Products within their specifications and instructions as contained in the Documentation.

EXCEPT AS SPECIFIED IN THIS WARRANTY, ALL EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS, AND WARRANTIES INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON INFRINGEMENT, SATISFACTORY QUALITY OR ARISING FROM A COURSE OF DEALING, LAW, USAGE, OR TRADE PRACTICE, ARE HEREBY EXCLUDED TO THE EXTENT ALLOWED BY APPLICABLE LAW. TO THE EXTENT AN IMPLIED WARRANTY CANNOT BE EXCLUDED, SUCH WARRANTY IS LIMITED IN DURATION TO THE WARRANTY PERIOD. BECAUSE SOME STATES OR JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, THE ABOVE LIMITATION MAY NOT APPLY.

This disclaimer and exclusion shall apply even if the express warranty set forth above fails of its essential purpose.

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

TRAINING CENTERS:

· Phoenix, Arizona, **USA**
· Porvoo, **Finland**
· Sandhurst, England, **UK**

Visit our website at www.picotegroup.com or contact us at training@picotesolutions.com to find out about course offerings, pricing, and scheduling.







PICOTE
LIFE FOR PIPES



Please Contact:
Your Reseller/Salesperson or Picote
www.picotegroup.com

International Offices
Finland. United Kingdom. USA.

Technical Support
support@picotesolutions.com

Production & R&D
Pienteollisuustie 24
06450 Porvoo, Finland
support@picotesolutions.com

E-Learning
Free E-learning courses, videos, guides, catalogues and more are available at:
www.picoteinstitute.com

Authorised Resellers
www.picotegroup.com/resellers

Claims
claims@picotesolutions.com