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LANCE TUBE CLEANERS

PEINEMANNEQUIPMENT.COM



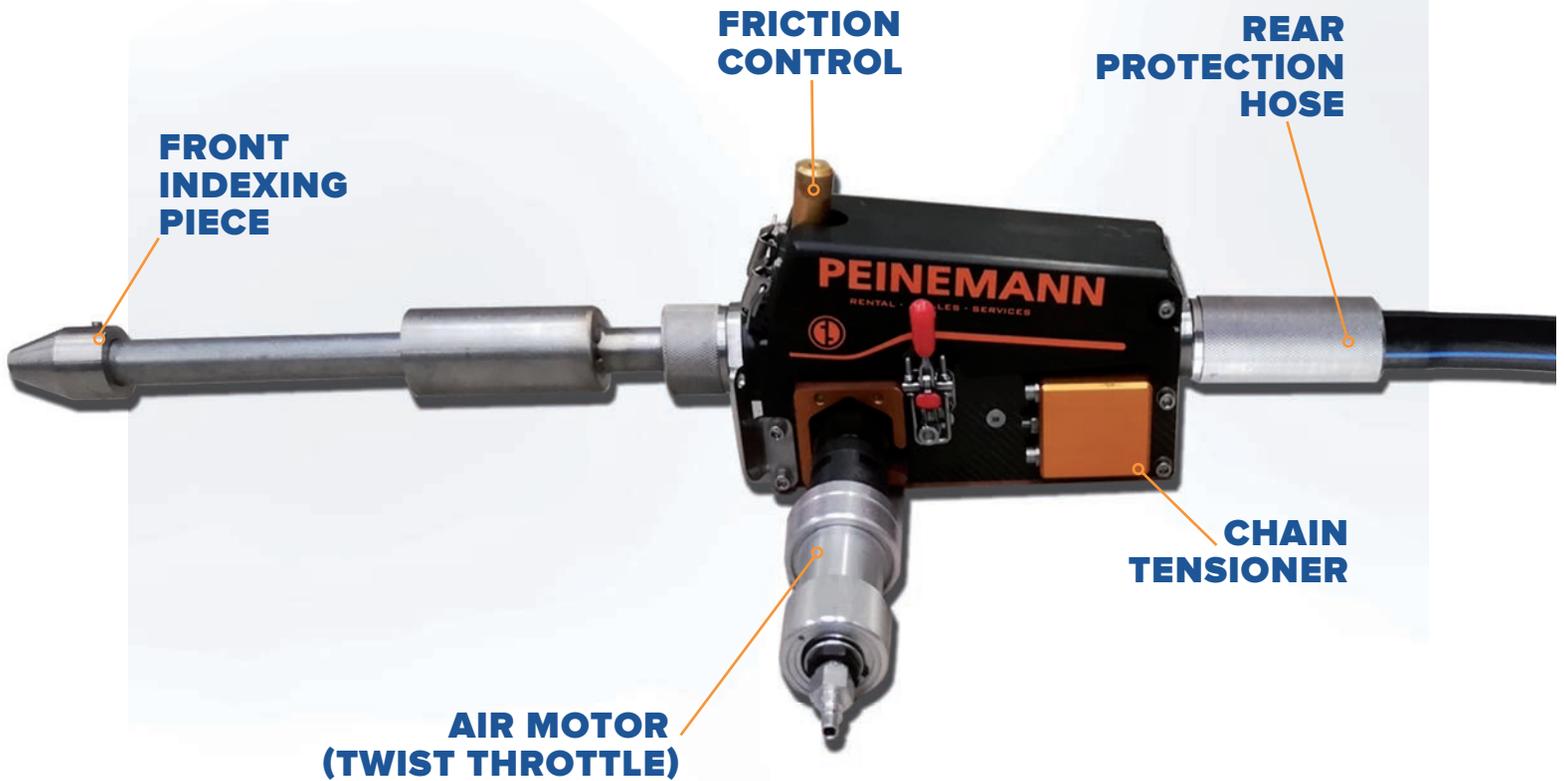
TABLE OF CONTENTS

LANCE TUBE CLEANERS

1	1-Xs - Single Lance Tube Cleaner	p. 4
1.1	1-Xs Overview	p. 4
1.2	1-Xs Features	p. 5
2	XLTC - Single Lance Tube Cleaner	p. 6
2.1	XLTC Overview	p. 6
2.2	XLTC Features	p. 7
3	Various Options - Suitable for XLTC and 1-Xs	p. 8
4	1-Xs + Orion Indexer	p. 10
4.1	Orion Indexer Features	p. 11
4.2	Orion Indexer Accessories	p. 12
4.2.1	<i>Orion Adapterplate</i>	
4.2.2	<i>Hose Reel</i>	
4.2.3	<i>High Pressure Dump Valve</i>	
4.2.4	<i>Gun Adapter for Orion</i>	
5	TLX - Triple Lance Tube Cleaner	p. 14
5.1	TLX Features	p. 15
5.2	TLX Accessories	p. 17
5.3	Bundle Cleaning Setup	p. 18
5.4	Flex Frame Accessories	p. 20
5.4.1	<i>Mounting Clamps Alu. L/R Setup</i>	
5.4.1	<i>FinFan Setup C-Clamp</i>	
5.4.2	<i>Scaffold Pipe Setup</i>	
5.4.2	<i>Vertical Setup</i>	
5.4.3	<i>Vertical Scaffold Setup with Side Rollers</i>	
5.4.3	<i>Gun Adaptor + Lance + Rotating Nozzle</i>	
5.4.4	<i>X/Y Positioner</i>	
6	TLX Conversion Kit 1 (Pipe Cleaning Tool)	p. 24
7	TLX Conversion Kit 2 (Dual Lance Setup)	p. 26
8	TLX Conversion Kit 5 (Quintuple Lance Setup)	p. 28

1-XS | OVERVIEW

Our new single lance cleaning tool (1Xs) is made even lighter, requires less maintenance and is ever more multifunctional.



**HOSE FEEDER FOR 3/2 - 10/4 HOSES (OD)
WEIGHT IS ONLY 17 POUNDS. PRESSURE
AND LENGHT ACCORDING TO SELECTION
OF HOSE.**

TECHNICAL SPECIFICATIONS

HOSE SIZE (OD)	7 mm - 18.5 mm
TYPE OF HOSE POSSIBILITY (2 TYPES OF TRACKS AVAILABLE)	3/2 - 10/4 (Other sizes on request)
MAXIMUM OD HOSE COUPLING	27 mm
MAXIMUM CAPACITY	0,38 KW (0,5 PK)
MAXIMUM CAPACITY SLOW MOTOR	1,15 KW (1,5 PK)
MINIMUM AIR PRESSURE	3,0 bar
MAXIMUM AIR PRESSURE	6,3 bar
AIR CONSUMPTION	180L/min. by max RPM
CLEANING SPEED (APPROX.)	0.45m - 0,7 m/sec (adjustable with the air pressure)
CLEANING SPEED (APPROX.) SLOW MOTOR	0.14m - 0,2 m/sec (adjustable with the air pressure)
MAXIMUM PULL/PUSH STRENGTH (APPROX.)	50 Kgs/110 LB, slow motor: 100 Kgs/220 LB
WEIGHT	7,5 kg / 16,53 lbs.

1-Xs | FEATURES



1-XS STANDARD SETUP WITH AIR SUPPLY UNIT (FRL)



AIR MOTOR

Quick change out motor
Atlas Copco Twist Throttle (hand held)



STRAIGHT GUIDE TUBE

700mm/27.6", \varnothing 25mm/0.984"



REAR PROTECTION HOSE

700mm/27.6", \varnothing 25mm/0.984"



DRIVE UNIT INCL. BELT

Including friction blocks
suitable for 3/2 - 6/2 hoses.
Also available large friction blocks
to accommodate 8/2 - 10/4 hoses.

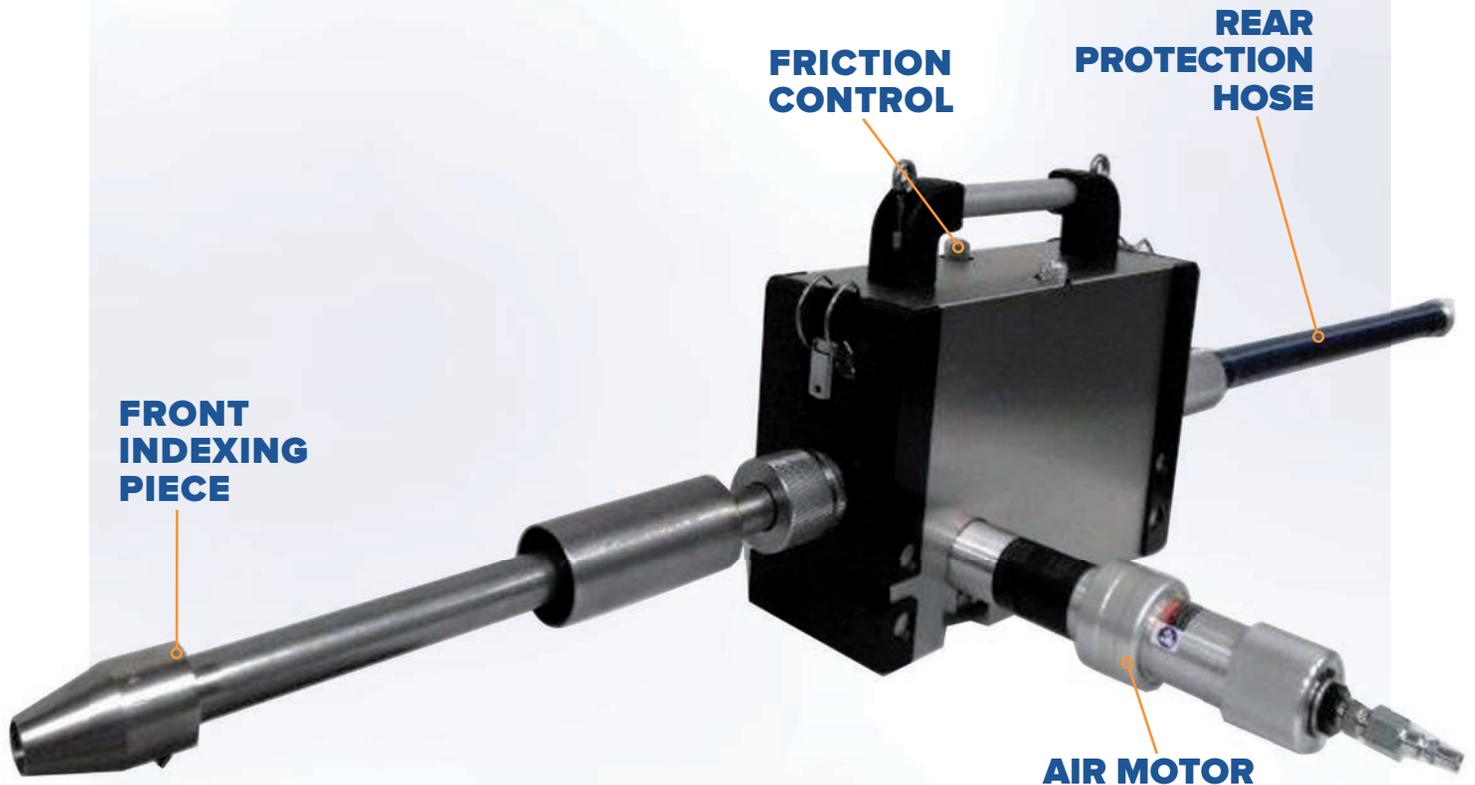


HOSE CATCHER XL



AIRFILTER, REGULATOR, LUBRICATOR (FRL)

XLTC | OVERVIEW



**HOSE FEEDER FOR 3/2 - 8/4 HOSES (OD)
WEIGHT IS ONLY 22 POUNDS. PRESSURE AND
LENGHT ACCORDING TO SELECTION OF HOSE.**

TECHNICAL SPECIFICATIONS

HOSE SIZE (OD)	7 mm- 15 mm (.433" - .590")
TYPE OF HOSE POSSIBILLITY	3/2 - 8/4
MAXIMUM OD HOSE COUPLING	20 mm
MINIMUM AIR PRESSURE	3,0 bar (45 Psi)
MAXIMUM AIR PRESSURE	6,3 bar (95 Psi)
AIR CONSUMPTION	8,1L/min. - 17,2 cfm
CLEANING SPEED (WITH STANDARD AIR MOTOR)	At 3 Bar (45 Psi) 0.45m/s - 18"per second
CLEANING SPEED (APPROX.)	At 6,3 Bar (95 Psi) 0.70m/s - 30" per second
MAXIMUM PULL/PUSH STRENGTH (APPROX.)	Approx 50 Kgs/110 LB, slow motor: 100 Kgs/220 LB
WEIGHT	10 kg / 21 lbs.

XLTC | FEATURES



XLTC STANDARD SETUP WITH AIR SUPPLY UNIT (FRL)



AIR MOTOR

Quick change out motor
Atlas Copco Twist Throttle (hand held)



STRAIGHT GUIDE TUBE

700mm/27.6", ϕ 22mm XL



REAR PROTECTION HOSE

700mm/27.6", ϕ 25mm/0.984"



1-XLTC UNIT

suitable for 3/2 - 8/4 hoses



HOSE CATCHER XL



AIRFILTER, REGULATOR, LUBRICATOR (FRL)

VARIOUS OPTIONS

SUITABLE FOR XLTC AND 1-XS



GUIDE TUBES STRAIGHT XL + BENT XL

1-Xs XLTC

GUIDE TUBE STRAIGHT XL
400MM/15.8"

GUIDE TUBE BENT XL
700MM/27.6"



ANTI WITHDRAWAL DEVICE

1-Xs XLTC

THE ANTI WITHDRAWAL DEVICE
WILL KEEP THE FRONT OF THE
MACHINE AGAINST THE TUBE
SHEET TO IMPROVE OPERATOR
SAFETY.

VARIOUS OPTIONS

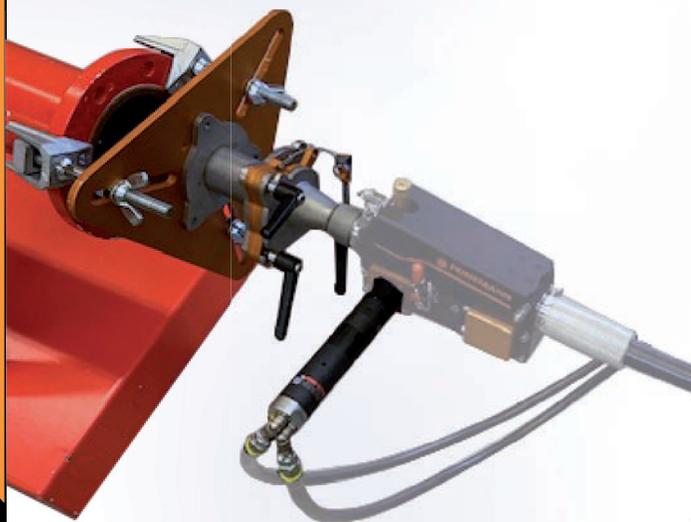
SUITABLE FOR XLTC AND 1-XS



HOSE REEL WITH GUIDING HOSE AND CAMLOCK COUPLINGS

1-Xs | XLTC | TLX | 2XLTC | 3XLTC

INDIVIDUAL STACKABLE HOSE REEL.
1500 BAR FOR HOSE SIZE 3/2 - 8/2

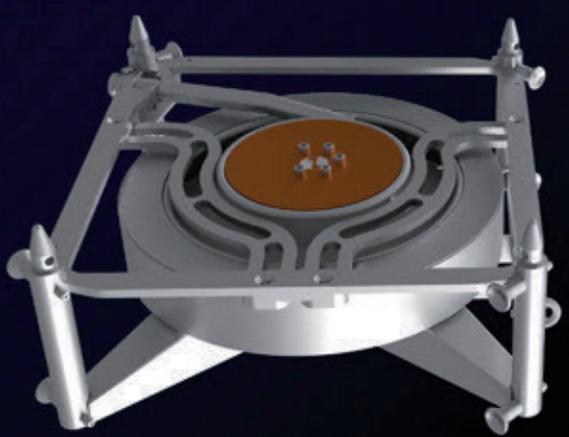
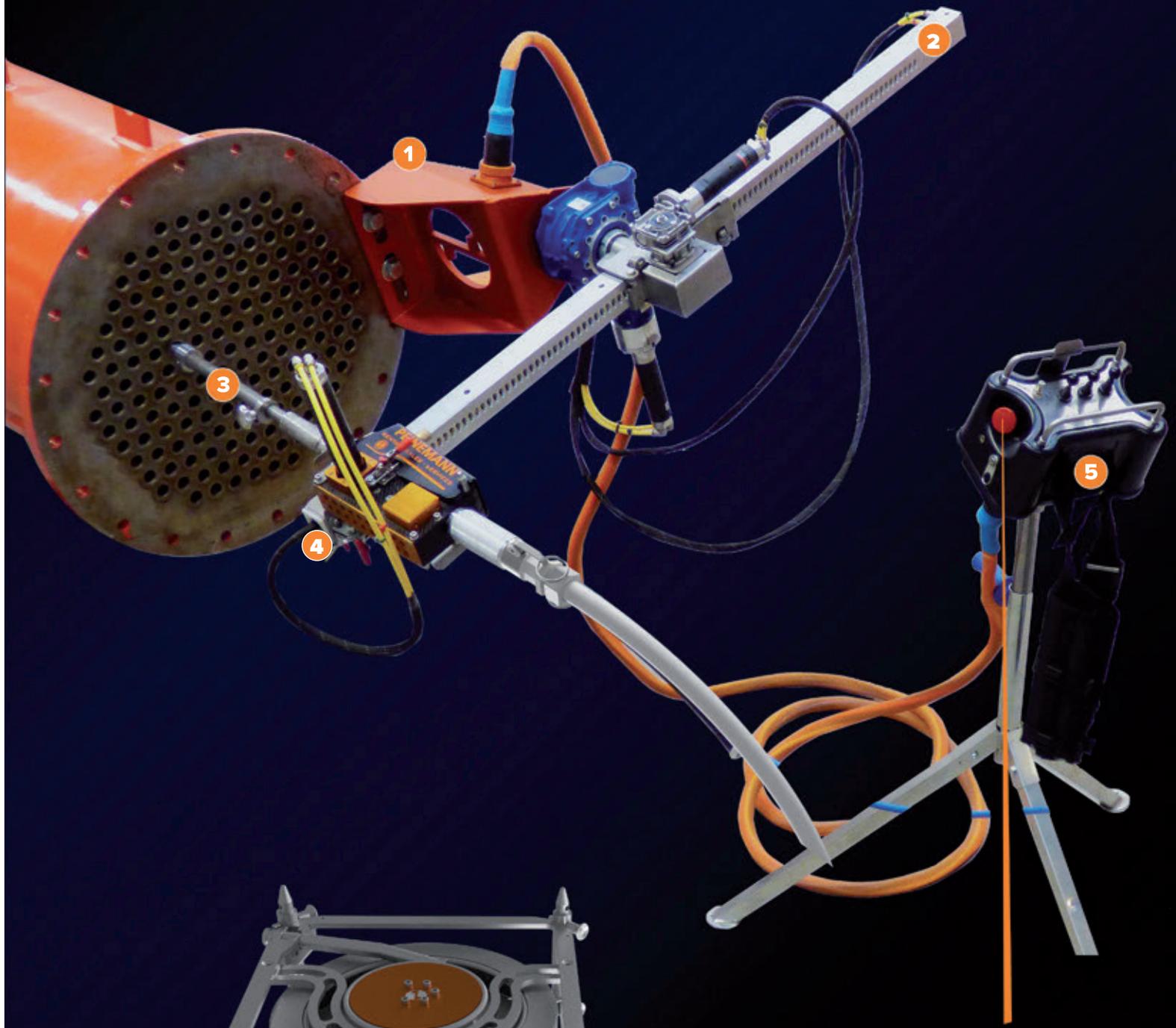


PIPE ADAPTER CLEANING CONVERSION

1-Xs | XLTC

XS ADAPTER KIT COMPLETE (EXCL. HOSE AND NOZZLE)
SUITABLE FOR FLANGE DIAMETERS OF 1/2" - 6 (152MM). FOR PIPES WITHOUT A FLANGE MIN. 3"(76MM) - 8" (203MM). LARGEST POSSIBLE PIPE DIAMETER 250MM.

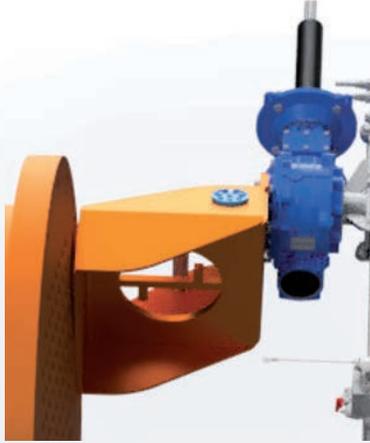
1-XS + ORION INDEXER



***OPTIONAL ACCESSORY**

DUMP VALVE SWITCH

ORION INDEXER | FEATURES



1+2. ORION MOUNTING BRACKET + ARM

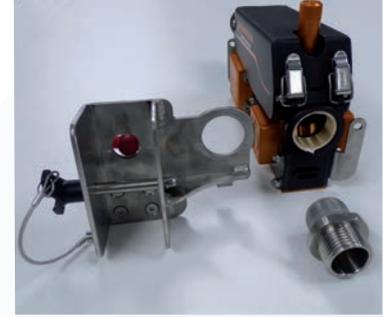
For mounting of the Orion Indexer on the heat exchanger.

Weight: 35 lbs / 16 kg



3. EXTENDABLE GUIDE TUBE

Lance 1/2" incl. T-Connection
Reducer nut 3/4" - 1/2"



4. BRACKET ORION (ASSY)

REMOTE CONTROL INCLUDING PNEUMATIC DUMP & SPEED CONTROL

Handheld 3-way remote control including Tripod.
Weight: 5 lbs / 2.3 kg

5. REMOTE CONTROL FOR ORION

Remote Control including pneumatic Dump & Speed control. The operator can control all functions from the pneumatic, lightweight remote control unit, including lance feed rate and air actuated dump...All from a safe distance, eliminating the need for a hand held XLTC or 1-Xs.



TECHNICAL SPECIFICATIONS

ORION COMPONENTS

Linear Axis Dims: 60.2" x 2" / 153 x 5 cm
Linear Axis w/ Motor Weight: 30 lbs / 14 kg
Radial Axis w/ Mounting Flange: 35 lbs / 16 kg
1-XLTC Assy in stainless Housing: 30 lbs / 14 kg

REMOTE CONTROL INCLUDING PNEUMATIC DUMP & SPEED CONTROL:

Dimension: 10.2" x 6.3" x 7.5" / 26 (l) x 16 (w) x 19 (h) cm
Weight: 5 lbs / 2.3 kg
Maximum Air Pressure: 6.3 bar (91 Psi)
Air Consumption at max Output : 7.9 l/s -16.8 cfm
Dump Valve

ORION INDEXER | ACCESSORIES



ORION ADAPTERPLATE

FOR MOUNTING THE ORION
SETUP ON AN EXCHANGER WITH
THE USE OF MOUNTING CLAMPS
ALUMINUM LEFT AND RIGHT.



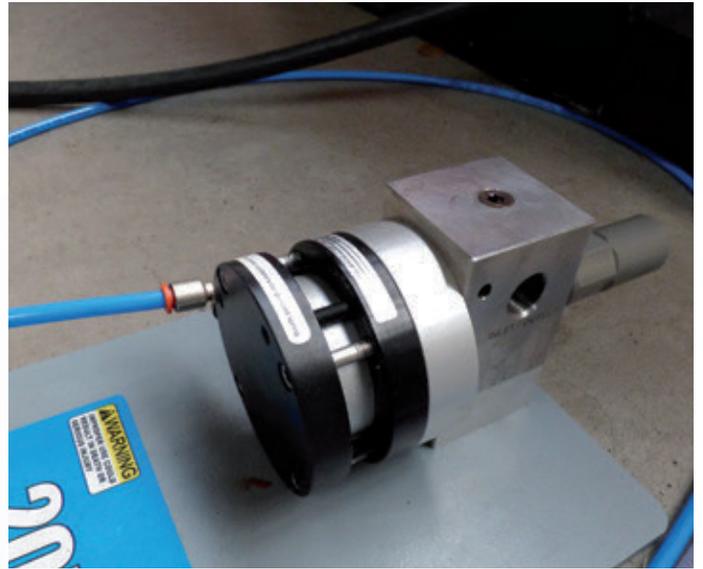
HOSE REEL WITH GUIDING HOSE AND CAMLOCK COUPLINGS

INDIVIDUAL STACKABLE HOSE REEL.
1500 BAR FOR HOSE SIZE 3/2 - 8/2

ORION INDEXER | ACCESSORIES

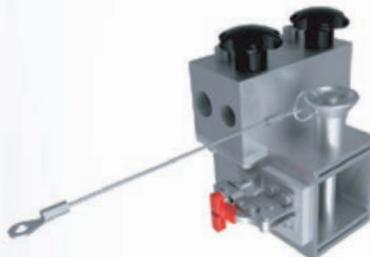
HIGH PRESSURE DUMP VALVE

DUMP VALVE FOR USE WITH
THE ORION REMOTE.



GUN ADAPTER FOR ORION

FOR SURFACE CLEANING.
SUITABLE FOR 3/8" (9.25MM)
AND 9/16" (14.28 MM) HP RIGID
LANCE.



TLX | TRIPLE LANCE TUBE CLEANER

The new Lightweight Multifunctional Convertible 3 lance feeder is 30% lighter through the use of Carbon Fiber and Alloy components. Designed for an easy and quick assembly of Quintuple, Triple, Dual Lance Tube cleaning and Single pipe cleaning by the use of a brand new “Cartridge design”.

LIGHTWEIGHT

Finally, the lightest, strongest, most versatile feeder in the industry! Peinemann Equipment, your exclusive source in safe high pressure cleaning tools, announces the latest in the range of Peinemann Bundle Cleaning tools. The TLX is the new Lightweight Multifunctional Convertible 3 lance feeder and is 30% lighter through the use of Carbon Fiber and Alloy components.

STRONGEST

It's focused on the customer, listening to their issues and challenges, and finally meeting those challenges with products, services, and resources unmatched in quality and functionality. The NEW TLX is the most powerful we have ever built and ushers in the next generation of cleaning tools.

VERSATILE

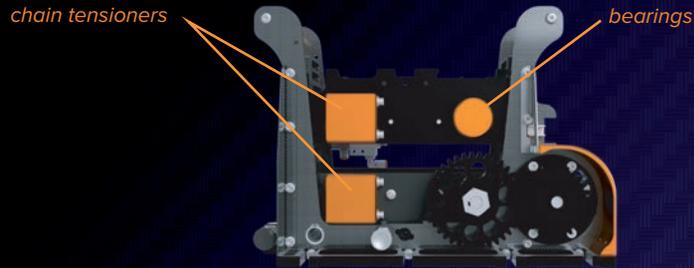
Designed for an easy and quick assembly of quintuple lance tube cleaning, triple lance tube cleaning, dual lance tube cleaning and single pipe cleaning by the use of a brand new “Cartridge design”.

The new “Gear Drive” allows different speed and power settings through the use of just a single air motor, which is conveniently mounted at the front of the machine and reduces the overall footprint. The TLX is designed in a way that provides easy access to the working components of the machine without the use of any tools.

DESIGNED FOR AN EASY AND QUICK ASSEMBLY OF QUINTUPLE, TRIPLE, DUAL LANCE TUBE CLEANING AND SINGLE LANCE PIPE CLEANING.



TLX | FEATURES



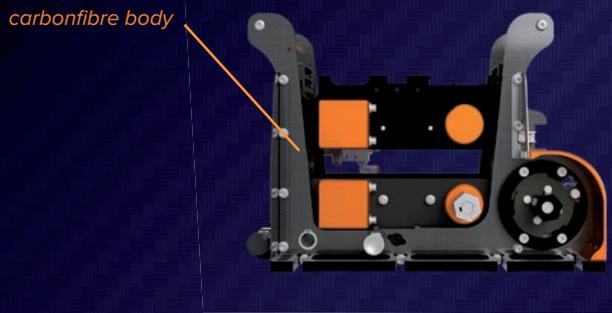
AUTOMATIC CHAIN TENSIONER & PERMANENTLY GREASED BEARINGS

No more manual tensioning of chains.



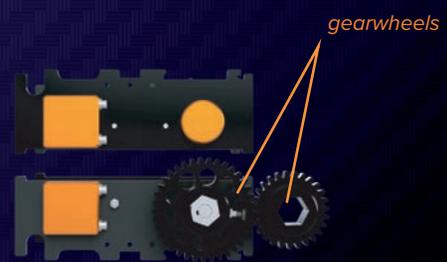
FRONT MOUNTED AIR MOTOR

Front mounted internally located air motor, making the tool more compact, reducing the overall footprint.



LIGHTWEIGHT

Due to the use of Carbonfibre.



POWER THROUGH INTERCHANGEABLE GEARWHEELS



ATEX APPROVED



CARTRIDGES

Cartridges are easy to remove for cleaning and maintenance, without the use of any tools.

THE TLX CAN EASILY BE CONVERTED FOR USE AT A MULTITUDE OF OTHER CLEANING APPLICATIONS.



**TLX | PIPE
CLEANING TOOL**
Conversion kit 1



2-TLX
Conversion kit 2



3-TLX
Standard TLX



5-TLX
Conversion kit 5

TLX | FEATURES



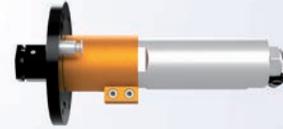
POWER THROUGH GEARWHEELS

Power transfer through gearwheels. Multiple configurations available for slower or faster speed.



TRACKS

Various track setup available. Tracks to suit hoses from 3/2 up to 6/2. Tracks to suit hoses from 3/2 up to 8/4. Tracks which can accommodate single DN12 to 3/4" hoses (pipe cleaning) as well as dual 10/2 and 10/4 hoses.



AIR MOTOR

High quality air motor which can easily be removed.



10K OR 20K ROLODEX

Hose catcher set keeps all sizes safety catchers in one easy to use bundle. Sizes 4/2 - 8/2 and sizes 4/4 - 8/4



GUIDE TUBES WITHOUT THREAD

Quick changeable guide tube system without thread (toggle switches). Suitable for 1/2" and 3/4" inch guide pipes.



PITCH ADJUSTER

Manual pitch adjuster to accommodate 1/2" and 3/4" guide tubes.

TECHNICAL SPECIFICATIONS

TYPE OF HOSE POSSIBILITY (2 TYPES OF TRACKS AVAILABLE)	4/2, 5/2, 5/4, 6/2, 6/4, 8/2, 8/4
MAXIMUM OD HOSE COUPLING	21,5 mm (0,68")
MAXIMUM CAPACITY AIR MOTOR	0,63 KW (0,84 HP)
MINIMUM AIR PRESSURE	3,0 Bar (45 Psi)
MAXIMUM AIR PRESSURE	6,3 Bar (120 Psi)
AIR CONSUMPTION	14L/sec. by max RPM (29,7 cfm)
CLEANING SPEED (APPROX.)	40 -7- cm/sec (16" - 28" per second) adjustable with the air pressure)
RECOMMENDED FLOW	114 L (30gallon) per min, (3x 38 L / 3 x gallon)
RECOMMENDED PRESSURE	1000 - 1400 Bar (14500 - 20300 Psi)
MAXIMUM PRESSURE	Suitable to work with pressures up to 3000 (43500 Psi)
MAXIMUM PULL/PUSH STRENGTH (APPROX.)	130 Kgs (287 LB)
MINIMUM FLOW	3 x 27 L / 3 x 7 gallons DN4 or 4/2
WEIGHT	17 kg / 37,48 lbs.

TLX | ACCESSORIES



HOSE REEL INDIVIDUAL

XLTC **1-XS** **2XLTC**
3XLTC **TLX**

**INDIVIDUAL STACKABLE
HOSE REEL. 1500 BAR FOR
HOSE SIZE 3/2 - 8/2**

**SPECIAL REAR INLET ADAPTER NEEDED*



TIMERBOX PNEUMATIC

**CAN BE ATTACHED TO STANDARD
REMOTE CONTROL TO CREATE AN
AUTOMATIC FORWARD REVERSE
STROKE (OSCILLATING MOVE-
MENTS FOR IMPROVED CLEANING
AND LONGER NOZZLE LIFE).**



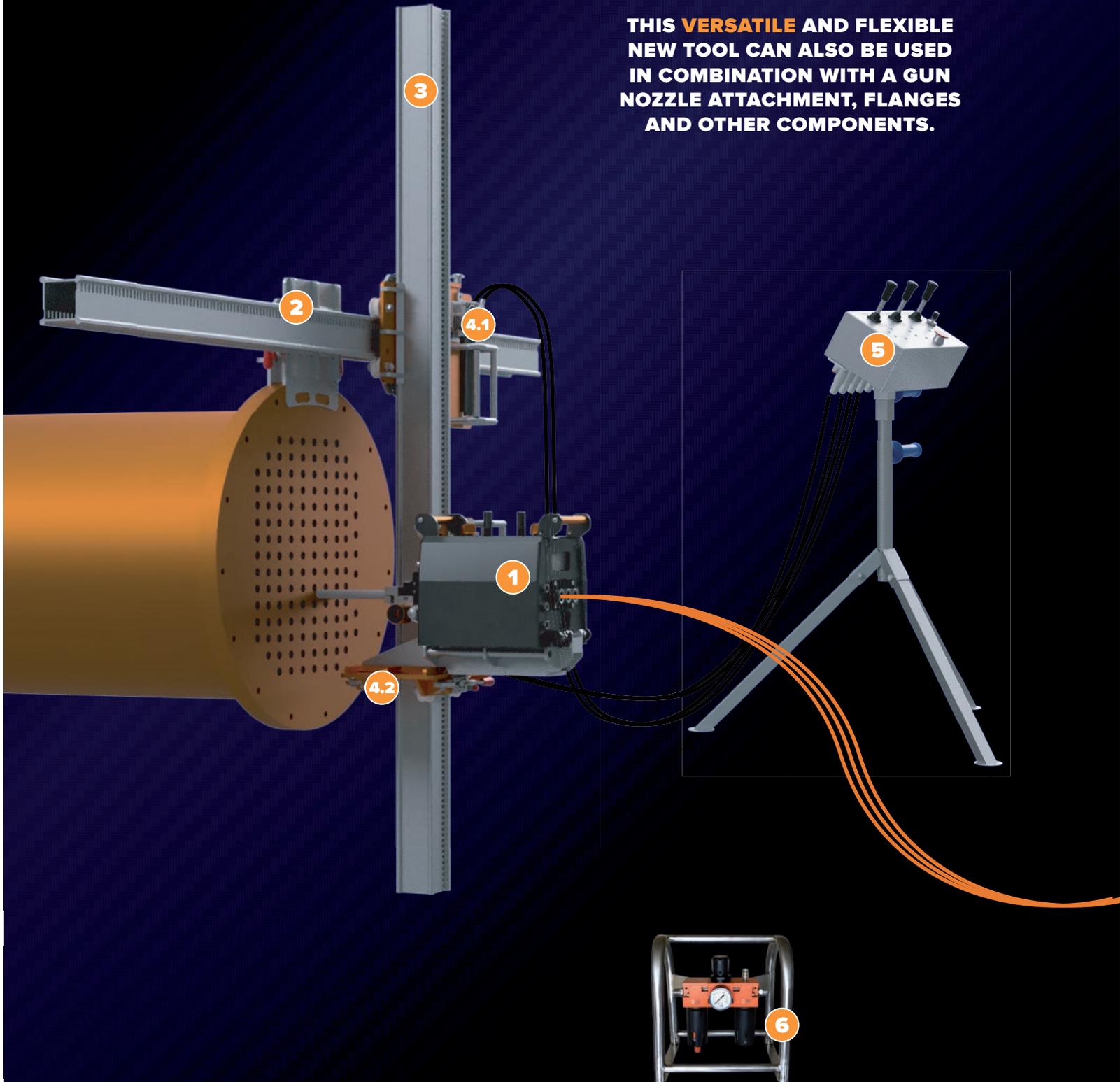
FINFAN SNORKEL SYSTEM

3XLTC **TLX**

**SNORKLE HOSES WITH ADAPT-
ER FOR 3XLTC OR TLX. FOR
USE IN TIGHT SPACES WITH
ADJUSTABLE PITCH ADJUSTER
IN COMBINATION WITH
UNIVERSAL FEEDER MOUNT
OR TRIPOD. SUITABLE FOR
HOSE SIZE 4/2 - 6/2**

BUNDLE CLEANING SETUP

THIS **VERSATILE** AND FLEXIBLE NEW TOOL CAN ALSO BE USED IN COMBINATION WITH A GUN NOZZLE ATTACHMENT, FLANGES AND OTHER COMPONENTS.



IT OFFERS CLEANING SOLUTIONS FOR HEAT EXCHANGERS IN PLACE, IN BOTH HORIZONTAL AND VERTICAL CONFIGURATIONS.

TLX | BUNDLE CLEANING SETUP

1 TLX

Power transfer through gear-wheels. Multiple configurations available for slower or faster speed.



PITCH ADJUSTER



TLX ADAPTER ALU.
FOR FLEX FRAME



2 MOUNTING BRACKET

For mounting on a tube sheet
(Flex Frame not included).



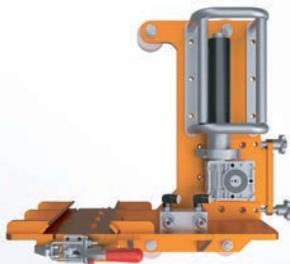
3 4" DUAL SLOTTED RAIL

Slotted rail with holes to connect
two pieces together



4.1 FLEX FRAME

Left/Right



4.2 FLEX FRAME

Up/Down



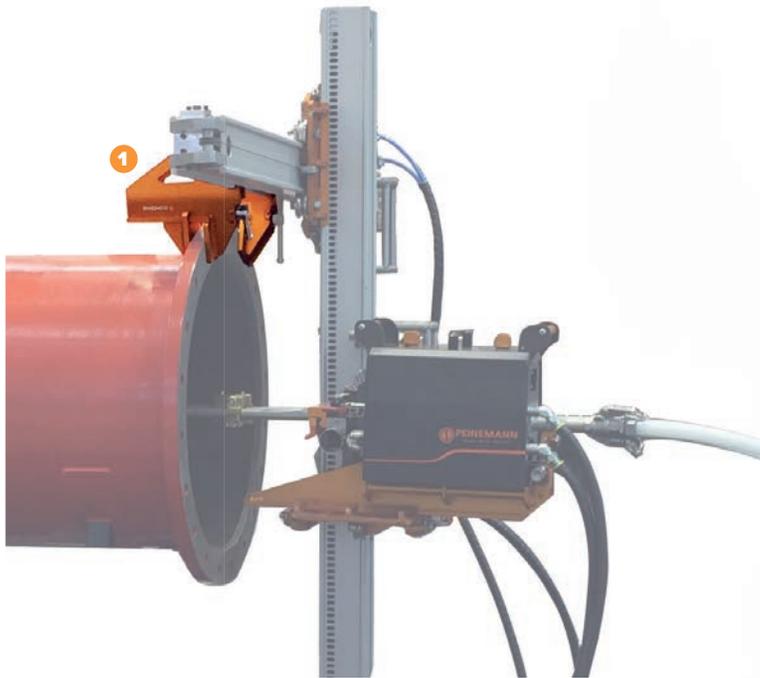
5 3-WAY REMOTE

Fdw / Rev , Up / Down,
Left / Right



6 AIRFILTER, REGULATOR, LUBRICATOR (FRL)

FLEXFRAME | ACCESSORIES



MOUNTING CLAMPS ALU. L/R SETUP

FOR MOUNTING A FLEX FRAME
ON A TUBE FLANGE.
LEFT + RIGHT CLAMP 150 MM

LEFT RIGHT



**MOUNTING CLAMP
ALU. LEFT + RIGHT**
(2 PCS)



MOUNTING CLAMP XL
Mounting clamp stainless steel XL
flexframe left + right 180mm



FINFAN SETUP C-CLAMP 800MM

FOR MOUNTING A FLEX FRAME ON
A HEADER BOX.



C-CLAMP 800MM
(2 PCS)

FLEXFRAME | ACCESSORIES

SCAFFOLD PIPE SETUP

FOR MOUNTING A FLEX FRAME ON A SCAFFOLD PIPE OR SUPPORT LEG WITH SCAFFOLD MOUNTING BLOCKS.



MOUNTING BLOCK
(4 PCS)

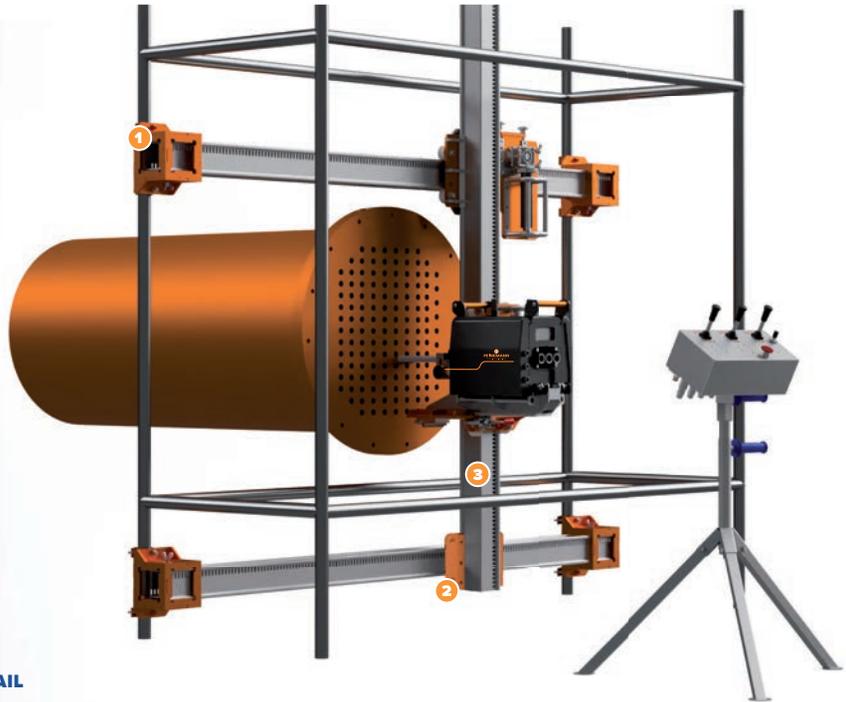


NON-DRIVEN CART
(1 Piece)



4" DUAL SLOTTED RAIL

**additional 4" slotted rail (different lengths available in straight pieces or by connecting two 4" slotted rails with the 4" rail connector).*



VERTICAL SETUP

FOR MOUNTING A FLEX FRAME IN VERTICAL POSITION ON SUPPORT LEGS.



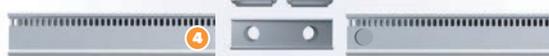
SUPPORT LEGS
(4 PCS)



MOUNTING BLOCK
(4 PCS)



NON-DRIVEN CART
(1 Piece)



4" DUAL SLOTTED RAIL **4" RAIL CONNECTOR**

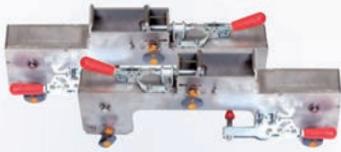
**additional 4" slotted rail (different lengths available in straight pieces or by connecting two 4" slotted rails with the 4" rail connector).*



FLEXFRAME | ACCESSORIES

VERTICAL SCAFFOLD SETUP WITH SIDE- ROLLERS

FOR VERTICAL USE ON SCAFFOLD
PIPES. SET OF 2 ROLLERS



SIDEROLLERS
(2 PCS)



GUN ADAPTOR + LANCE + ROTATING GUN NOZZLE

IDEAL FOR TUBE FACE CLEANING.
FOR FLEX FRAME ALU. (14,65MM &
18MM)



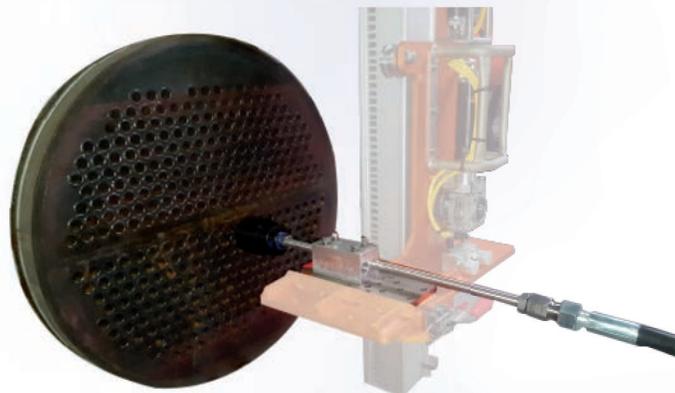
GUN ADAPTOR



LANCE



**ROTATING
GUN NOZZLE**



| TLX CAN ALSO BE USED WITH TRADITIONAL X/Y POSITIONER



PEINEMANN X/Y POSITIONER

Positioner with fixed legs.
(210 x 221 x 99cm, 83" x 87" x 39" OD)

TLX | CONVERSION KIT 1

PIPE CLEANING TOOL

1TLX

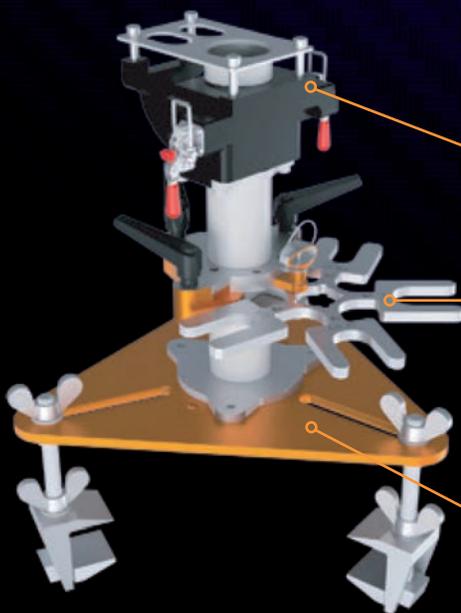
TLX PIPE CLEANING TOOL MOUNTS DIRECTLY ONTO THE FLANGE.

As with most cleaning tools from Peinemann Equipment the TLX can easily be converted for use at a multitude of other cleaning applications. The 1TLX is designed for pipe cleaning applications and is suitable for feeding a single large hose with the following dimensions

The motor set up will give it enough force to be used for the larger pipe cleaning jobs. Added advantage is the simple option to change the TLX into a dual and triple lance machine for tube cleaning applications and therefore making it a very versatile and safe tool for any cleaning contractor.

FEATURES

- > Light weight (22kg - 48 lbs.)
- > Easy to set up
- > Safe operation via remote control
- > Converts easily to a TLX
- > Proven quality
- > Easy to clamp or secure via straps on to the pipe



ACCESSORIES

1. LANCE BLOCK

Easy to setup, no tools required

2. HOSE CATCHER FOR PIPE CLEANING

Star hose catcher set keeps all sizes safely in one easy to use bundle.

3. ADAPTER PLATE

Standard 4" to 10" pipe diameter

TLX | CONVERSION KIT 1

PIPE CLEANING TOOL

1TLX

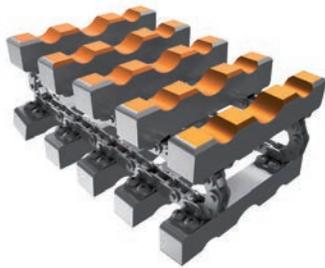
CONVERSIONKIT 3TLX TO 1TLX

The conversion kit contains the following items:

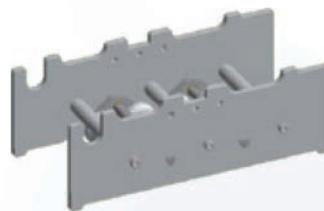
- > TRACK FOR DN12 - 3/4" & 10/2 - 10/4
- > UNDRIVEN CARTRIDGE
- > LANCE BLOCK
- > REAR INLET

OPTIONAL:

- > END-STOP DN12 & 3/8"
- > END-STOP 1/2"
- > END-STOP DN20
- > END-STOP 3/4"
- > END PIECE
- > HOSE CATCHER STAR DN12 - 3/4



TRACK



UNDRIVEN CARTRIDGE



LANCE BLOCK



REAR INLET

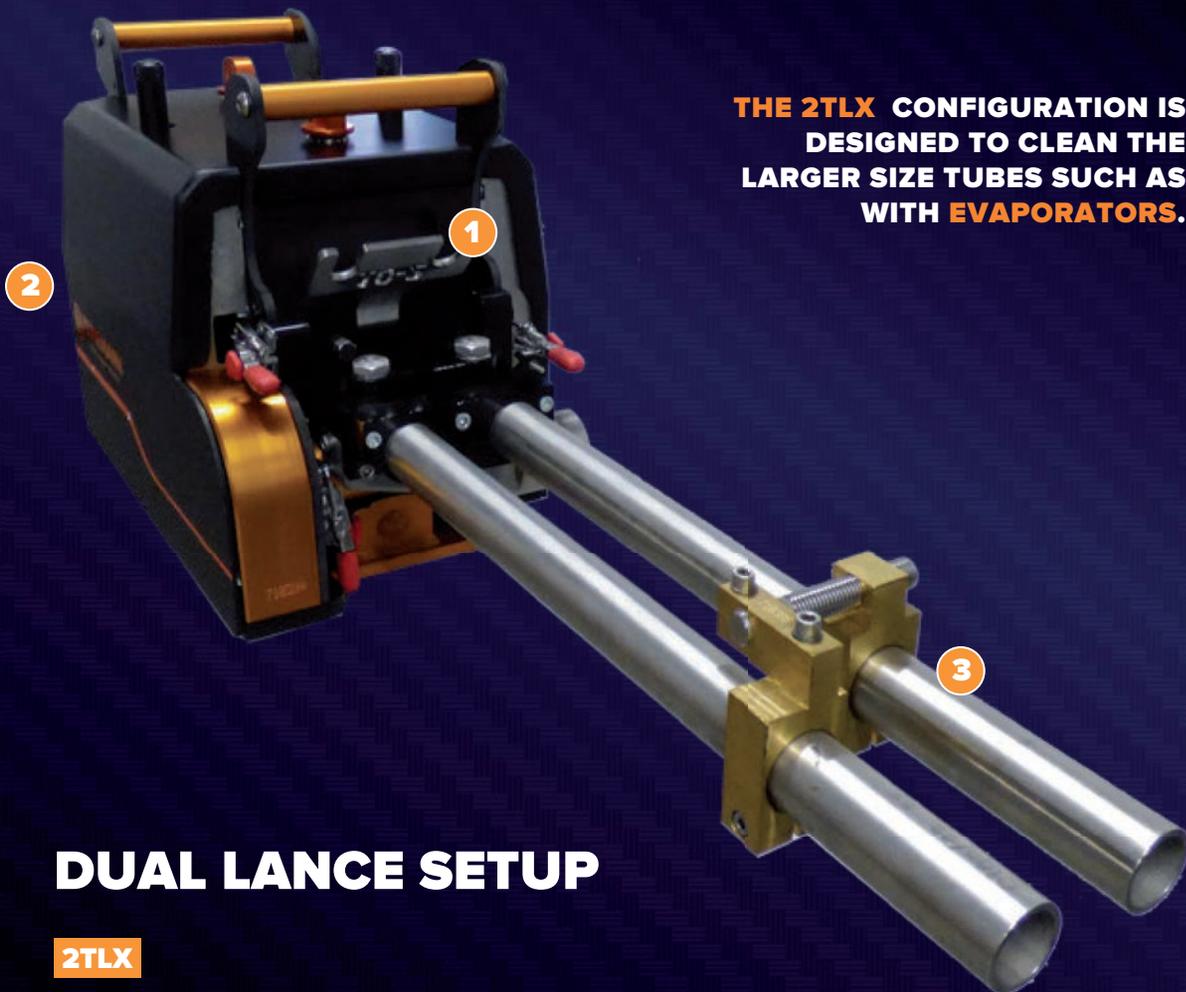


END STOP



HOSE CATCHER STAR DN12 - 3/4

TLX | CONVERSION KIT 2



THE 2TLX CONFIGURATION IS DESIGNED TO CLEAN THE LARGER SIZE TUBES SUCH AS WITH EVAPORATORS.

DUAL LANCE SETUP

2TLX

2TLX TO ACCOMMODATE EVEN THE LARGER TYPE FLEX HOSES. IDEALLY SUITABLE FOR VERTICAL BUNDLES WITH LARGE DIAMETER TUBES SUCH AS EVAPORATORS

Conversion kit 3TLX to 2TLX, incl. inlet, undriven cartridge, special chain for driven cartridge, lance block complete with guide tubes, pitch adjuster, hose catcher 10/2 - 10/4 and end stop 10/2 - 10/4.

ACCESSORIES



1. HOSE CATCHER

Hose catcher set keeps all sizes safely in one easy to use bundle.



2. REAR INLET

For converting the TLX to a dual setup machine.



3. LANCE BLOCK+ PITCH ADJUSTER

For mounting on a flex frame.

TLX | CONVERSION KIT 2

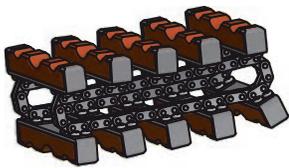
DUAL LANCE SETUP

2TLX

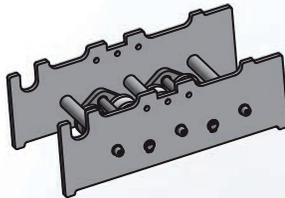
CONVERSION KIT 3TLX TO 2TLX

The conversion kit contains the following items:

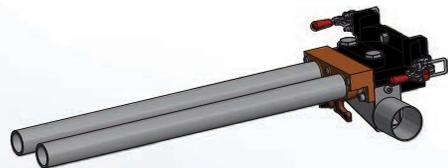
- > TRACK FOR DN12 - 3/4" & 10/2 - 10/4
- > UNDRIVEN CARTRIDGE
- > PITCH ADJUSTER
- > LANCE BLOK WITH 2 GUIDE TUBES 1" 1200MM
- > FRONT HOSE GUIDE
REAR INLET
- > OPTIONAL:
- > HOSE CATCHER 2TLX 10/2 - 10/4
- > END STOP



TRACK



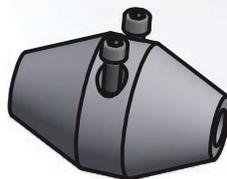
UNDRIVEN CARTRIDGE



LANCE BLOK + GUIDE TUBES



REAR INLET

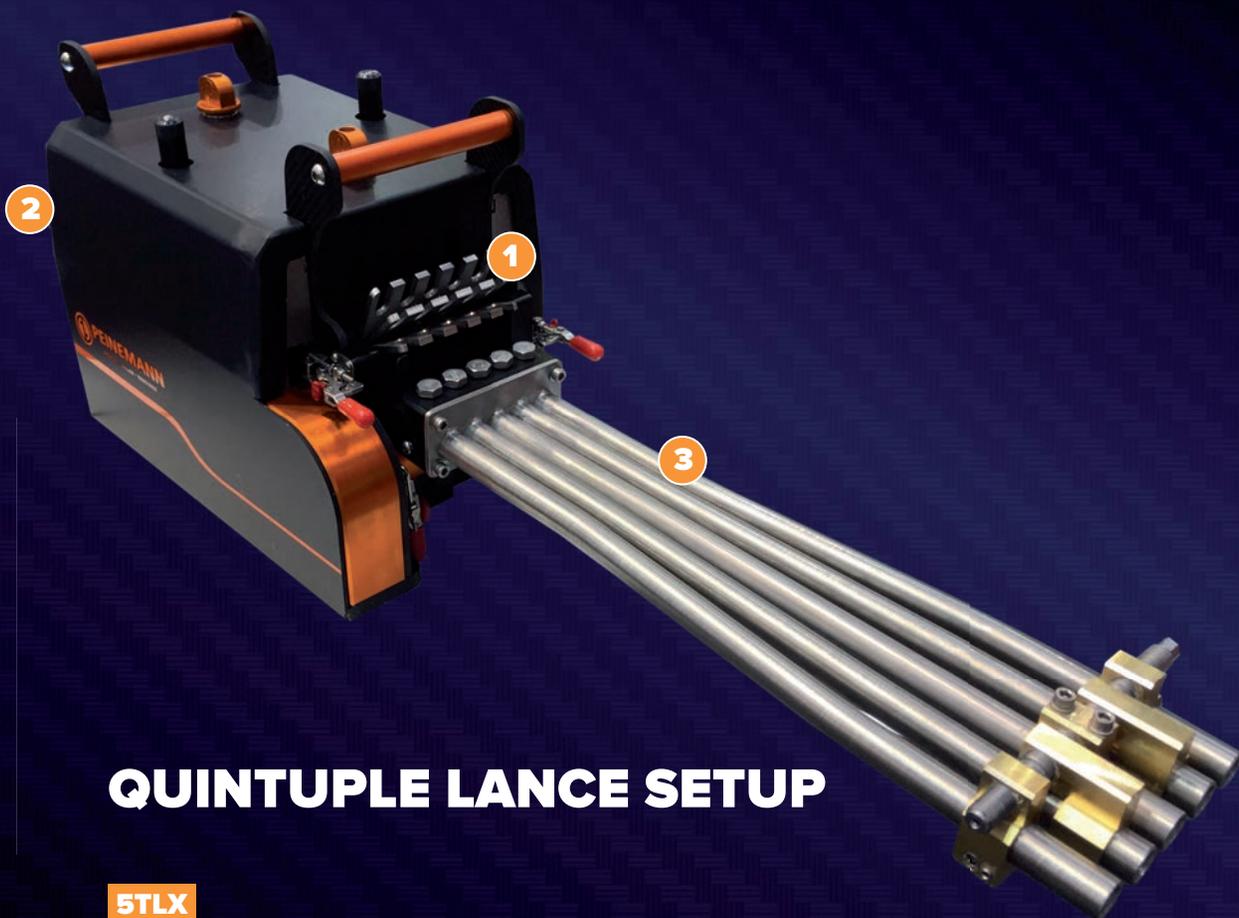


END STOP



HOSE CATCHER

TLX | CONVERSION KIT 5



QUINTUPLE LANCE SETUP

5TLX

THE 5TLX (CONVERSION) IS CREATED TO ACCOMMODATE THE CLEANING OF LARGER, OFTEN IN-SITU, BUNDLES WITH MANY TUBES. EVEN THOUGH THE TRACKS ARE LIMITED TO 5/2 HOSE SIZES IT CAN BE USED FOR THE MOST COMMON TUBES ENCOUNTERED.

Conversion kit 3TLX to 5TLX, incl. inlet, undriven cartridge, special chain for driven cartridge, lance block complete with guide tubes, pitch adjustment, hose catcher set.

ACCESSORIES



1. HOSE CATCHER SET

Hose catcher set keeps all sizes safely in one easy to use bundle.



2. REAR INLET

For converting the TLX to a quintuple setup machine.



3. LANCE BLOCK

Lance block with 5 1/2" guide tubes.

TLX | CONVERSION KIT 5

QUINTUPLE LANCE SETUP

5TLX

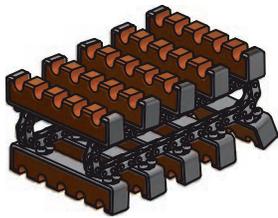
CONVERSION KIT 3TLX TO 5TLX

The conversion kit contains the following items:

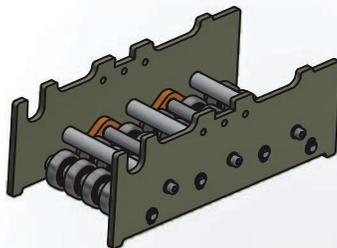
- > LANCE BLOCK WITH 5 1/2" GUIDE PIPES
- > TRACKS
- > UNDRIVEN CARTRIDGE
- > PITCH ADJUSTER
- > FRONT HOSE GUIDE + LANCE BLOCK
- > OPTIONAL:
- > HOSE CATCHER ROLODEX - 3/2, 4/2, 5/2, 4/4
- > END STOP



PITCH ADJUSTER
For 1/2" guide tubes



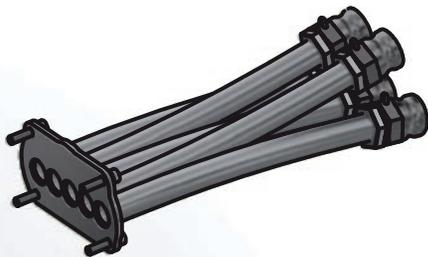
TRACK



UNDRIVEN CARTRIDGE



LANCE BLOCK + GUIDE TUBES



REAR INLET



END STOP



HOSE CATCHER ROLODEX
3/2, 4/2, 5/2, 4/4



PEINEMANN

RENTAL - SALES - SERVICES

25702 Aldine Westfield, Building 1002
TX 77373 Spring
USA
T +1 281 288 7979

Mandenmakerstraat 190
3194 DG Hoogvliet
The Netherlands
T +31 (0)10 295 50 00

E equipment@peinermann.nl
W www.peinermannequipment.com



FIND YOUR NEAREST
ADDRESS AT **PEINEMANN.NL**



PEINEMANN

RENTAL - SALES - SERVICES

PEINEMANN EQUIPMENT B.V.

Mandenmakerstraat 190
3194 DA Hoogvliet
The Netherlands
Phone: +31 (0)10 295 50 00
Fax: +31 (0)10 295 50 59

PEINEMANN USA

25702 Aldine Westfield
Building 1002
Spring, TX 77373, U.S.A
Phone: 281 288 7979
Fax: 866 431 5140

PEINEMANNEQUIPMENT.COM