



PEINEMANN

EQUIPMENT



Single Lance Tube Cleaner (1-LTC and XLTC)



Single Lance Tube Cleaner

Peinemann Equipment is proud to offer the light weight, compact and affordable single lance tube cleaner. The tool pays for itself because it greatly increases productivity, operator safety and above all cleaning quality.

The Single lance machine prevents operator exposure to water jets and gives an excellent cleaning result. This is due to the consistent speed of the nozzle and because the nozzle travels

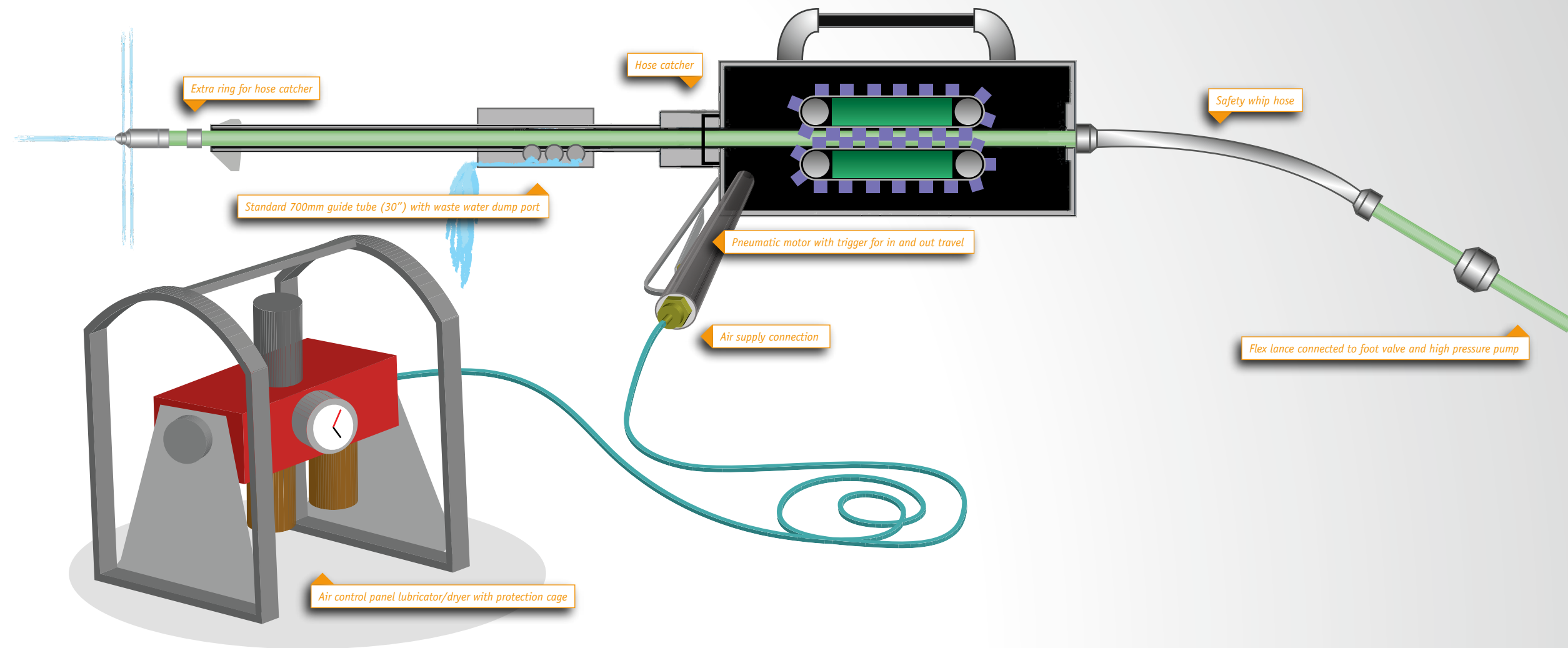
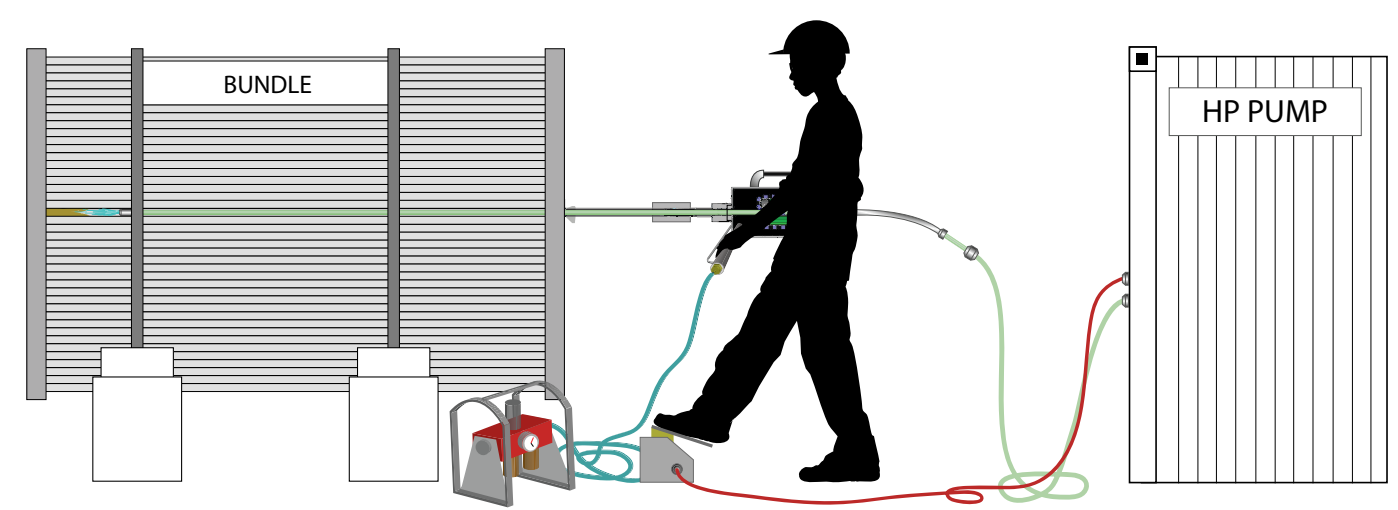
in and out of the tubes under pressure.

The operator uses the single lance machine (1- LTC) by positioning the front index piece against the tube to be cleaned. The operator manipulates simple controls to extend or retract the high pressure hose, at the appropriate speed, through the tube while applying high water pressure.

Tube bundle cleaning just got a lot safer

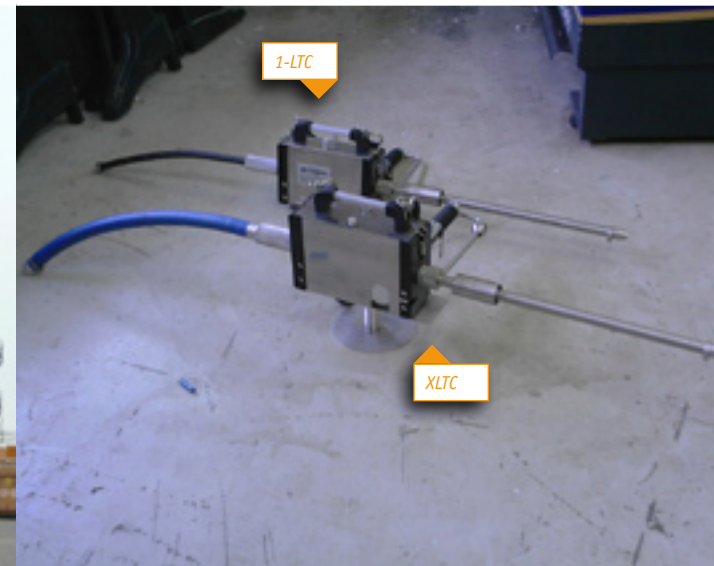
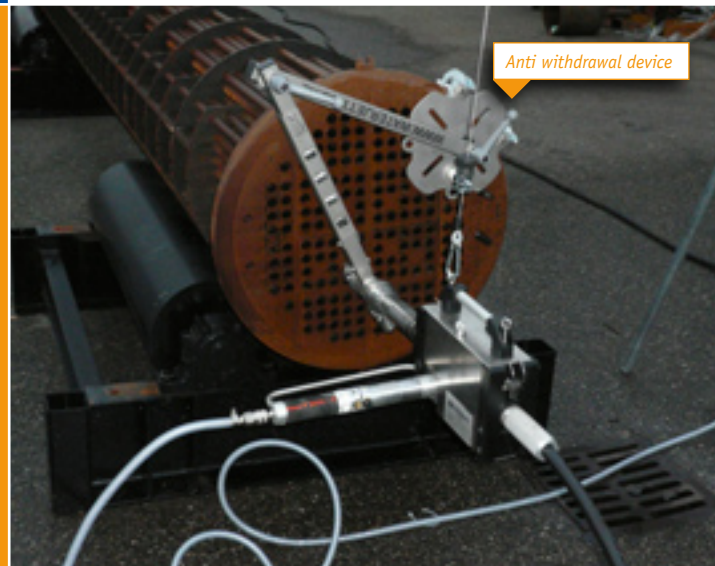
The high pressure hose is moved in and out by a set of chains with friction blocks mounted within the assembly. When the hose comes back in the machine, the hose catcher stops the hose from coming out of the machine. At the other end of the hose you can fit a stopper which limits the length of hose to be fed down the tube.

The single lance machines can be used for horizontal as well as vertical applications and can be used for several sizes of flex lances depending on the model.



Typical set up

- Direction of flex lance
- Standard 700mm guide tube (30") with waste water diffuser
- Pneumatic motor with trigger for in and out travel
- Air supply connection
- Air control panel lubricator/dryer with protection cage
- Tracks with friction blocks
- Safety whip hose
- Flex lance connected to foot valve and high pressure pump



1-LTC

The standard single lance machine (1-LTC) is most suitable for 4/2 and 5/2 hoses (DN 4 and 5) or 1/16" and 1/8" flex lances.

- 400mm (15") guide tube for tight spaces
- 700mm (30") bent guide tube for large diameter bundles
- Balancer to be hooked to A-frame or scaffold pipe for comfort of the operator
- Anti Withdrawal device for maximum operator safety

Optional accessories

XLTC

The new XLTC is the big brother of the 1 LTC and is suitable for larger size hoses starting from 6/2 (DN 6) or 1/4" up to 8/4 or DN 8.

This new tool is also very suitable for UHP flex lances such as 4/6 up to 3.000 bar 43.500 PSI.

Single Lance Tube Cleaner (1-LTC and XLTC)

Technical specifications

- Min - max air pressure
3.0 Bar (45 Psi) – 6.3 Bar (95 PSI)
- Air consumption
180 Liters per minute at max RPM (6,3 CFM)
- Cleaning speed with standard air motor
At 3 Bar (45 Psi) 45 cm/s (18" per second)
At 6.3 Bar (95 Psi) 70 cm/s (30" per second)
- Cleaning speed with slow air motor (optional)
At 3 Bar (45 Psi) 14 cm/s (5,5" per second)
At 6.3 Bar (95 Psi) 19 cm/s (7,5" per second)
- Min - max flex lance outside diameter
1 LTC : 8 – 12 mm (,314 - ,477")
XLTC : 11 – 15 mm (,433 - ,590")
- Max pull/push strength
Approx 150 Newton / 110 foot Pounds
- Weight
1 LTC 9 kg (19 pound)
XLTC 10 kg (21 pound)
- Recommended nozzle
Neutral configuration

Peinemann Equipment

See also
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