



PEINEMANN

RENTAL - SALES - SERVICES

PEINEMANN EQUIPMENT

PRODUCT RANGE 2018



Single Lance Tube Cleaner (XLTC)

Semi automatic cleaning system for improved operator safety. Excellent cleaning results due to consistent speed and 2 way cleaning. Average cleaning speed 80 - 100 tubes per hour. Small portable and very quick set up. Suitable for hose sizes from 3/2 to 8/4.



Orion Indexer

The Orion Indexer is one of the latest addition to our line of water-jetting tools. The Orion enables the use of the LTC and XLTC in a "hands free" mode. It offers cleaning solutions for heat exchangers in place, in both horizontal and vertical configurations. Also available with shotgun adaptor to clean the tube sheet and padding grid. Suitable for hose sizes from 3/2 to 8/4.



Two Lance Tube Cleaner (2XLTC)

Automatic Cleaning Equipment where the operator is kept away from the danger zone via a pneumatic remote control system. Still very portable and easy to set up. Twice the speed with equal cleaning results compared to the 1 LTC. Can also be used in a vertical set up and requires a relative small HP pump. Average Speed 150 tot 180 tubes per hour.

Suitable for hose sizes of 3/2 to 8/4. Can easily be converted into an XXLTC for pipe cleaning.



XXLTC

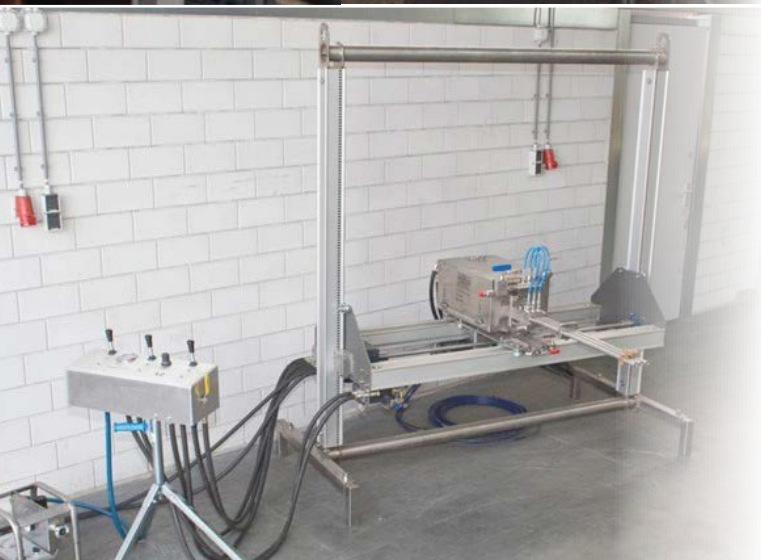
The XXLTC is a multifunctional tool designed for a larger hose for pipe cleaning applications, that can easily be converted into a 2XLTC. The single large hose set up comes with a dual motor setup which creates 180kg / 400lbs. pull force and can be used for 3/8", 1/2" and 3/4" hoses.



Triple Lance Tube Cleaner (3XLTC)

The Peinemann Triple Lance Cleaners have the capabilities of cleaning both vertical and horizontal bundles at difficult to reach locations in combination with a medium size HP pump. The whole construction is still portable and can be positioned at difficult to reach areas. Various sizes of flexible lances can be used with the same standard track from 3/2 - 8/4.

By using only the outer two hoses of the possible three you create an ideal pitch for fin fan banks.



Triple Lance Tube Cleaner (TLE-Combi)

Flex Lance setup

Automatic Cleaning Equipment which can be used with both flex and rigid lances. The TLE Combi is equipped with a double chain drive which gives you added strength and flexibility as you could use the optional rigid lance package as well. The TLE-Combi gives excellent cleaning results due to consistent cleaning speed and by cleaning the tubes twice. An extremely versatile combination that can tackle most cleaning jobs and is capable of cleaning 300 to 350 tubes per hour.



Triple Lance Tube Cleaner (TLE-Combi)

Rigid Lance setup

Automatic Cleaning Equipment which can be used with both flex and rigid lances. The TLE Combi can be equipped with flex rigid lances in order to clean very hard products with the advantage of rigid lances even in tight spaces as the rigid lances can be bent behind the machine. With a force of over 250kg this system can be used for horizontal and vertical applications with various sizes of rigid lances with a pressure up to 3000 bar.



Five Lance Tube Cleaner (5 Lance TLE-Fin Fan)

A TLE that is designed to clean with 3 or 5 flex lances at the same time. Due to the compact and wider design this TLE can cope with the more confined spaces such as with fin fan coolers. This TLE is extremely flexible as you can choose to operate either 5 flex hoses for large dia exchangers or 3 flex hoses, for fin fan coolers, at a time. The cleaning is done twice and at a constant speed for increased cleaning results. Cleans between 180 - 500 tubes per hour.



Scissorlift TLE

Hydraulic rigid lance machine with 3 or 5 lances built on a double scissorlift platform to clean the most difficult bundles at a height of max 6 meter (20 ft). Very strong drive mechanism at the front pulls lances into the exchanger tubes to avoid bending. It cleans bundles in place without having to build tall scaffolds to support the lance guide. However cleaning at a cleaning bay will suit it as well. Easy to transport on a trailer, loads itself without crane. Average cleaning speed: 300 - 500 tubes per hour.



Inside Bundle Cleaner (IBC5)

High production rigid lance machine designed to handle a large quantity of bundles during turnarounds. Cabin stays on top, giving the operator the best view of the tube sheet for maximum speed. Cleans 5 tubes at the same time with an average speed of 500 - 750 tubes per hour. Very comfortable for the operator and maximum safety. Very reliable and powerful machine for all types of heat exchangers.



Outside Bundle Cleaner (OBC)

Small shellside cleaner for use in the cleaning bay during turnarounds. Cleaning is done from the side to maintain a good view on the bundle during cleaning. The operator is very comfortable in a separate cabin completely protected from the high pressure water and contamination. Easy to transport and quick to set up. Max. pump pressure / flow is 1000 bar and 200 Lpm



Outside Bundle Cleaner (OBC-C)

Automatic cleaning system placing the operator out of reach of high pressure water means maximum safety. Excellent cleaning results due to consistent speed and 2 way cleaning. Max. pump pressure / flow is 1000 bar and 300 Lpm



Auto Indexer (Lunchbox & Smart Hub)

Upgrade your tube cleaning to Smart Indexing. Control your Pneumatic Tool of choice with The Lunchbox, the first Universal Wireless Command Surface controlled via touch-screen tablet. Industry-leading technology allows you to automatically navigate during tube bundle cleaning with a single click of a button. Smart Indexer Hub's light-weight design (15 lbs.), offers portability and transport by a single operator. it's "plug and play" approach allows wireless control of the Flex Frame Indexer making the use of the remote unnecessary.



TLX (NEW)

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 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



30T Bundle Lifter

Lifts bundles with a diameter of 30 cm (1 ft) up to 1.8m (8 ft) and max 30T (66.000 pounds) weight. Avoids damage to tubes and baffle plates created by slings. Lifts bundles from rollers, extractors and trailers without any accessories. Operated by only 1 technician..



Combi Lifter (30 & 53T)

The Combi Lifters have the advantage that they can be used as an integral part of the Aerial Bundle Extractor (Main Lifting Frame) as well as a separate Bundle Lifter when disconnected from the Aerial Bundle Extractor. The Combi Lifters are new and versatile Bundle Lifters that are self supportive, due to the use of a Hatz air cooled engine, and are operated via wireless remote controls. The 30T Combi lifter can be used in conjunction with our 25T extractor and the 53T lifter in conjunction with our 45T EL extractor.



Aerial Bundle Extractor

Our most popular extractor with capacities between 20T (44.000 pounds) and 100T (220.000 pounds). Very reliable and extremely heavy duty. Simple to operate with high power winch to extract bundles. Capable of pulling bundles at any height with crane support.



Truck Mounted Extractor

Designed for incidental shutdowns and large turn-arounds. Heavy duty design with high power winch. Additional safety due dual extending rear outriggers keep the extractor balanced and stable. Bundle capacity up to 20T (44.000 pounds) and max 7m (24 ft) height. Drives on the highway and transports bundles to the cleaning bay.



Self Propelled Extractor

Compact and dual steering extractor designed to pull a large number of bundles during turnarounds. Pulls bundles in difficult to reach areas and drives underneath pipe racks. Capacity of 25T (55.000 pounds) and max bundle height of 6m (20 ft). Drives bundles to the cleaning bay and can be operated by 1 technician.



Trailer Mounted Bundle Extractor

The low axle loads benefits the use in countries such as the US and Singapore, where no high loads are permitted. No transport with deep loader is needed. The Trailer Mounted can handle a bundle capacity up to 25T (55.000 pounds) and max. 7 m (23 ft) height.

The Trailer Mounted can be transported with a truck and/or disconnected and rebuild to a Self Propelled machine which can benefit the use during turnarounds.



Furnace Tube Extractor

The Hydraulic Furnace Tube Extractor is designed for pulling / installing tubes with a minimum length of 12 m (40 ft). Also suitable for tubes with a maximum length of 24 m (80 ft) and maximum weight of 2.500 kg (5.500 lbs).



Motorlifter

Lifter for airfin bank electric motors. The Motor Lifter provides a safe method for the exchange of airfin bank electric motors. The electric motor hangs under the airfin bank, and there are practically no lifting facilities available to allow it to be exchanged safely. Because this work cannot be carried out using cranes or forklifts either. The light weight Motor Lifter provides a hydraulic ram that causes the lifting system to reach the desired height. The device is controlled manually using a hydraulic pump. The lifting system can be telescoped out in three sections using steel cables.



Compactcrane PC4405EX

The Compactcrane was designed for operations in areas exposed to explosion hazards. Equipped with a lithium battery pack, the crane operates for more than one day without the need of a recharge. This Compactcrane can swivel 2 x 15 degrees for accurate positioning and it comes with a pick & carry function. Operators can easily control the various compact crane functions with the supplied wireless remote control unit (also ATEX compliant). The display on the remote control provides you with all of the necessary information.



Straddle Carrier

Our latest development the Straddle Carrier. The Straddle Carrier has been developed to pick up and transport pallets with tube bundles or heat exchangers. More info coming soon.



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