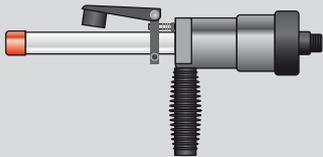
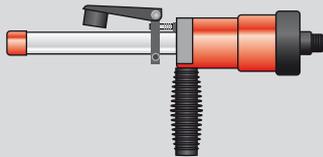




N1 Percussion Lance (Steel)



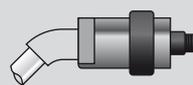
N1 Percussion Lance (Al)



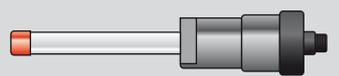
N2 Bunker Lance



N3 Bunker Lance



N4 Bunker Lance



Lances

Powerful, fast and highly efficient. These versatile tools blast air at 4,500 high velocity blasts per minute and clean, without brushes, ALL tube surfaces. The tool is very simple to use and can be used as a hand tool or operated remotely. It is designed to provide fast, thorough cleaning of castings, hoppers, condensers, air heaters, bunkering systems, boiler surfaces and numerous applications across many industries.

Industrial Cleaning Tools - Lances

N1 Percussion Lance

Cleans combustion deposits from waste-heat and water tube boilers, economizers and condensers without brushes. The tool only requires a six inch penetration into the tubes and is capable of cleaning a 300 tube boiler in 30 minutes. Using a positive trigger it gives easy yet sure control.

N2, N3, N4 Bunker Lances

Lightweight percussion lances designed for the safe clearing of choked or blocked hoppers and silos. The lance is remotely controlled to the blockage without the operator entering the hopper and will unchoke any material including iron ore, coal, feeding stuff, chemicals etc...

Requirements

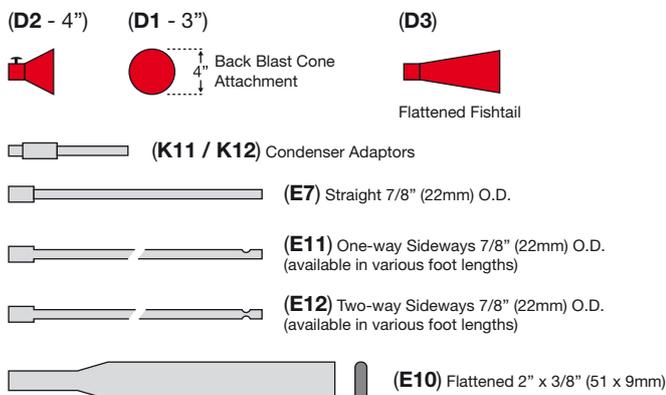
The Airnesco Tools are powered by compressed air. The air requirement is minimum 80 p.s.i./5.5 Bar, maximum 120 p.s.i./8.3 Bar. Volume required; min 40 cfm (1.1 m3) max 100cfm (2.8 m3).

Accessories

- V9** 3/4" BSP On/Off Valve
- O1** 5 litres oil
- A3** 25mm Oil Resistant Hose complete with 3/4" BSP sockets (available in any length)
- L3** 3/4" BSP Portable Filter Lubricator Unit
- L1** 3/4" BSP In-Line Lubricator

Extensions

Many types of extensions are available which can be screwed on to the outlet of the Percussion Lance.



Operating Instructions

N1 Percussion Lance

- Blow out the line.
- Connect the end of the lance to the airline.
- Screw on the E9 extension tube.
- Fit D1 or D2 for Economic boilers only.
- The Lance is now ready for use.

N4 Bunker/Silo Lance

- Blow out the line.
- Connect inlet end of the lance to required length of extensions E7 to reach blockage.
- Fit on/off valve next to air supply so that air can be turned off when lubricator refill is required.
- The lance is now ready for use.

For Maximum Power

The Lance will give its maximum power only when connected to an air line where all fittings, union, valves etc.. are 3/4" id. A smaller diameter bore fitting anywhere in the pressure line between the receiver and the Lance will reduce its performance.

Troubleshooting

If the Lance is working properly it makes a low pulsating noise. If after the air is turned on it appears to be blowing through this may be due to the valve sticking in storage. To fix this turn off the air, unscrew the extension piece and work the valve up and down with a rod. If it is suspected that the Lance is not delivering full power, screw the Lance directly into a 3/4" BSP outlet right on the receiver and this will eliminate any leaks or restrictions in the airline.

Maintenance Instructions

Lubrication and Filtration – arrange a generous supply of Shell Morlena or an equivalent lubricating oil with a similar viscosity and containing anti-wear and anti-rust additives. Guarantees are dependant on the use of lubricants to these specifications. Always use an airline filter and ensure that the correct oil level is maintained during operation by checking regularly. **NB: Ensure the lance is off before checking oil levels.**

After Use - Wash the tool in a bucket of clean paraffin/kerosene, dip in positive rust preventing oil and store in a dry area.



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