Industrial Cleaning - Air Driven Tools For a Variety of Uses.
Ferret

Especially suitable for cleaning gas surfaces of all Fire Tube Boilers, Air Heaters, Feed Lines and Vertical Coolers, the Ferret range of tools have been designed to clean any internal tubes with the minimum of operator effort. The range of tube sizes that the tools will clean is extensive, from 25.4mm (1.00") up to 475mm (18.00") and if required brushes can be made for larger tubes.

Especially useful when space is limited, the Ferret requires only 18 inches (45cm) clearance in front of the boiler and cleans 13 metres (45') feet per minute and up to 60 tubes per hour, without spinning and without flexible shafts or rotating rods. When attached to a standard boiler tube cleaning brush, the Ferret’s exclusive two-way vibratory action pushes the ferret and the brush through the tube without the need for long extension rods or manual pushing or pulling and is controlled by a foot valve. At the end of the tube the action of the tool is reversed automatically and it returns to the operator.

Requirements

Compressed Air Pressure required is Min 4.2 kg/cm² (60 lbs,psi), Max 10.5 kg/cm² (150 lbs,psi)
Volume required is 25 cfm (7m³)

There are five ferret sizes, which Ferret you require will depend on the size of the tubes.
- F90 26mm (1") ID and upwards
- F125/R 38mm (1.5") ID and upwards
- F150/R 45mm (1.75") ID and upwards
- F2000 45mm (2") exhausting via tube (for use in food industry)
- F2080 76mm (3") to 457mm (18"), used with stabilisers

A complete Ferret Kit consists of the following:
- F_ Ferret
- A5 10m Wire Braided Oil Resistant Air Hose with Swivel Connectors
- L5 Lubricator/Filter/Pressure Gauge Unit with valve (V8)
- Y2 Foot Valve
- A1 5m Oil Resistant Air Hose

Accessories

Y5/Y10
Vacuum Attachment (Y Piece) - this unit is invaluable to the cleanliness of the boiler or the area being cleaned as it is the link between the tool and the vacuum unit. As the tool is removed on it’s return to the operator, all the debris that has collected in the tube is sucked in to the vacuum via this unit.

Brushes and Bullets

Brushes for all sizes of tubes are held in stock up to 114mm (4.50") and all types of bullet brushes for the Air Water Tool are available from stock in sizes ½" to 29/32" in 1mm steps. All other sizes of brushes and bullets are available but are ordered to suit.

The unique coil design of the Anresco Venturi brushes ensure that no damage can occur during the cleaning cycle. The Venturi brush consists of two sections. The first part is nylon bristle, and the second part is continuously looped wire. This method ensures that no sharp wires are in contact with the bore of the tube. No matter how sensitive the tube these venture brushes will not cause damage.

Types of brush bullets;
- Standard – the ideal choice for cleaning sludge or soft deposits. Crimped coiled brass wire body
- Plastic – an alternative to the brass-wire type with excellent wearing qualities
- Keza – for dealing with light scale, frequent use minimises hard scale formation.

Ensure the correct size brush is fitted – as a general guide brushes should be size for size up to 2" (51mm diameter) and ½" (3mm) larger than the internal diameter of the tube above 2" (51mm). If the brush fitted is too small the bristles will not connect with the sides of the tube and if too big, the movement through the tube will be slowed down due to the excessive force required to lay back the bristles.

Bunker Lances

This highly versatile, lightweight range of tools have been designed for the safe clearing of choked or blocked Bunkers, Hoppers and Silos without the operator having to enter the bunker. Immensely powerful in operation the lances work on the same principle as the Percussion Lances by enhancing the air supply to remove Rat Holing and suspension of products in loading and dispatch. The tools can be hand held and operated from above or below the silo with the option of mounting and remotely firing from the production unit.

Requirements

Compressed Air Pressure required is Min 4.2 kg/cm² (60 lbs,psi), Max 14 kg/cm² (200 lbs,psi)
Volume required is Min 100 cfm (2.8m³)

There are three different Bunker Lances;
- BL1013 N2 Bunker Lance
- BL1014 N3 Bunker Lance
- BL1011 N4 Bunker Lance

All lances are supplied complete with safety rope

Accessories

V9 On/Off Valve
O1 5 litres special oil
A3 10m 25mm Oil Resistant Hose, complete with fittings
E7 1829mm (6') extensions complete with sockets (smaller extensions available)
L3 Filter Lubricator Unit

Snuffer Lances

These tools are especially designed for use in the oil industry to rapidly extinguish any small fire, but can also be used for other applications including chemical cleaning, sterilisation and vehicle/plant cleaning. The snuffer lance has been designed for ease of use and storage.
At Airnesco we design and manufacture a complete range of unique products and accessories to cover most industrial tube and plant cleaning applications.
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**WHAT TOOL DO I NEED?**

**CLEANING BY VIBRATING BRUSH ACTION NO REVOLVING SHAFTS OR BRUSHES**

**CLEANING BY PERCUSSION AIR BLAST ALONE**