



## Alfa Laval Aalborg tube cleaner

**Regain maximum boiler efficiency**



The Alfa Laval Aalborg tube cleaner is a lightweight, easy-to-use cleaning machine for removing scale and soot from boiler tubes. Doing so lets you regain the highest possible boiler efficiency and save on fuel costs.

### **Application**

Alfa Laval Aalborg boilers are designed to last, but sometimes scale, soot and other process residues in tubes can reduce boiler efficiency. The Alfa Laval Aalborg tube cleaner propels itself through the boiler tubes and removes this blockage, without manual pushing or pulling of the hose. The work of cleaning the boiler is thus reduced to moving the machine from tube to tube.

### **Benefits**

- Light and easy to operate
- Powerful cleaning effect through pulse movement
- Driven by compressed air – no water needed
- Requires very little maintenance

### **Working principle**

The tube cleaner achieves a powerful cleaning effect by means of high-frequency oscillation, i.e. repetitive, back-and-forth pulsations instead of rotary movement. Because it is driven by compressed air, there is no need for water or electricity.

The speed of the machine can be adjusted simply by raising or lowering the air pressure. Because it is small and lightweight, it can be operated easily by one person, even in small spaces.

### **Design**

The Aalborg tube cleaner is a precision machine with a highly efficient pneumatic motor, which means it achieves optimal cleaning with only a small amount of compressed air. It can be used for tubes with inner diameters of 27–450 mm. Approximately 100 tubes can be cleaned with a single brush.



When the tube cleaner is used in combination with an industrial vacuum cleaner, soot can be removed from the boiler without soot particles escaping into the surrounding area. A vacuum cleaner adapter is available upon request.

**Maintenance**

The Alfa Laval Aalborg tube cleaner is designed to have minimal service requirements, despite operation in a highly challenging environment. However, certain wear parts such as gaskets and brushes will require replacement over time.

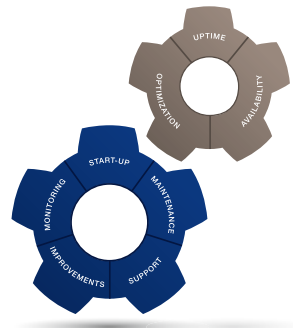
**Contents of tube cleaner set**

- Tube cleaner machine
- Shock absorber
- Wire braided hose with swivel connectors, length 10 m
- Air hose with connectors, length 5 m
- Control unit consisting of air preparation unit (ball valve/ air filter/regulator/lubricator) and foot valve
- Brushes, 10 pcs
- Oil can
- Option: with vacuum cleaner adapter

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