

STC STRAIGHT TUBE CLEANER

Automatic equipment designed to clean straight tapping tubes

► **How it works**

Siphon equipment is used to siphon molten aluminium in potrooms and casthouses. Dross and aluminium deposits accumulated on the inside walls need to be removed on a regular basis to maintain the siphon free of obstructions and to ensure efficient siphoning.

The STC / Straight Tube Cleaner is a powerful machine used to drill tapping tubes to remove the bath and aluminium stuck inside. A cleaning head is fixed to a steel rod and then to a carriage that moves the cleaning head back and forth, horizontally, inside the tapping tube. The machine can completely clean tubes clogged with a combination of metal and bath (not with metal only).

The STC is composed of a ventilated soundproof case, tube holding devices and a cleaning module with rotation and translation functions.

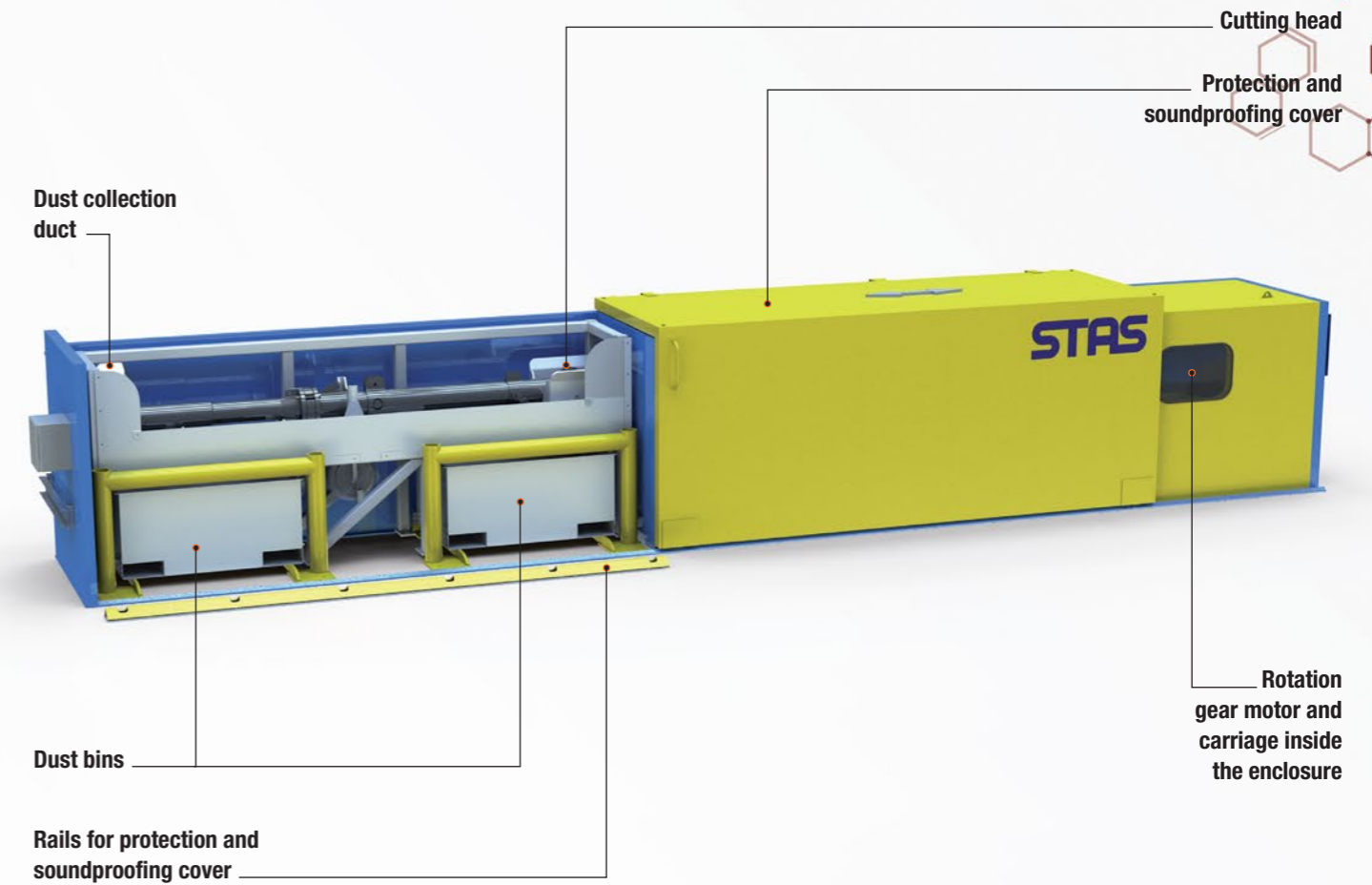
► **Key features**

Productivity Improvement

- Completely cleans tubes clogged with a combination of metal and/or bath.
- Can clean crucibles at temperatures up to 300°C.
- Fully automatic cycle, except for loading and unloading of tubes.
- Clean tubes within 5 to 10 minutes on average, depending on the length of the tube and the type of obstruction.
- Low maintenance and operation costs.

Safe Operating Environment

- Eliminates exposure of operators to dust and hot materials.
- No need to heat tubes to unclog them.
- Noise level under 75dBA.



► **Typical specifications**

Models	Main unit Overall dimensions			Weight (kg)	Cleaning range (inner Ø mm)	Cleaning cycle time (min)	Heat condition Temperature (°C)
	Length (m)	Width (m)	Height (m)				
Main unit	10	1,5	2	9000	75 to 150	5 to 10	0 to 300

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