

**SPC SIPHON PIPE CLEANER**

**Semi-automatic equipment designed to clean curved pipes**

» **How it works**

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

The SPC / Siphon Pipe Cleaner is a semi-automatic, pneumatic reamer that can be installed in a potroom or adjacent building. It cleans rapidly within a few minutes either straight or curved tubes. Because of the fast cleaning action, siphons can be cleaned before every siphoning operation, which reduces downtime as well as all costs associated with siphon dismantling.

The mechanism consists of a rotating head activated by a pneumatic motor. The motor and the rotating head are moved up and down inside the siphon by means of an ultra-resistant hose moved by a pneumatic driving module. This particular mechanism which is capable of cleaning curved siphons can be mounted either on a stationary or mobile station. No electricity is required for this system.

» **Key features**

Productivity Improvement

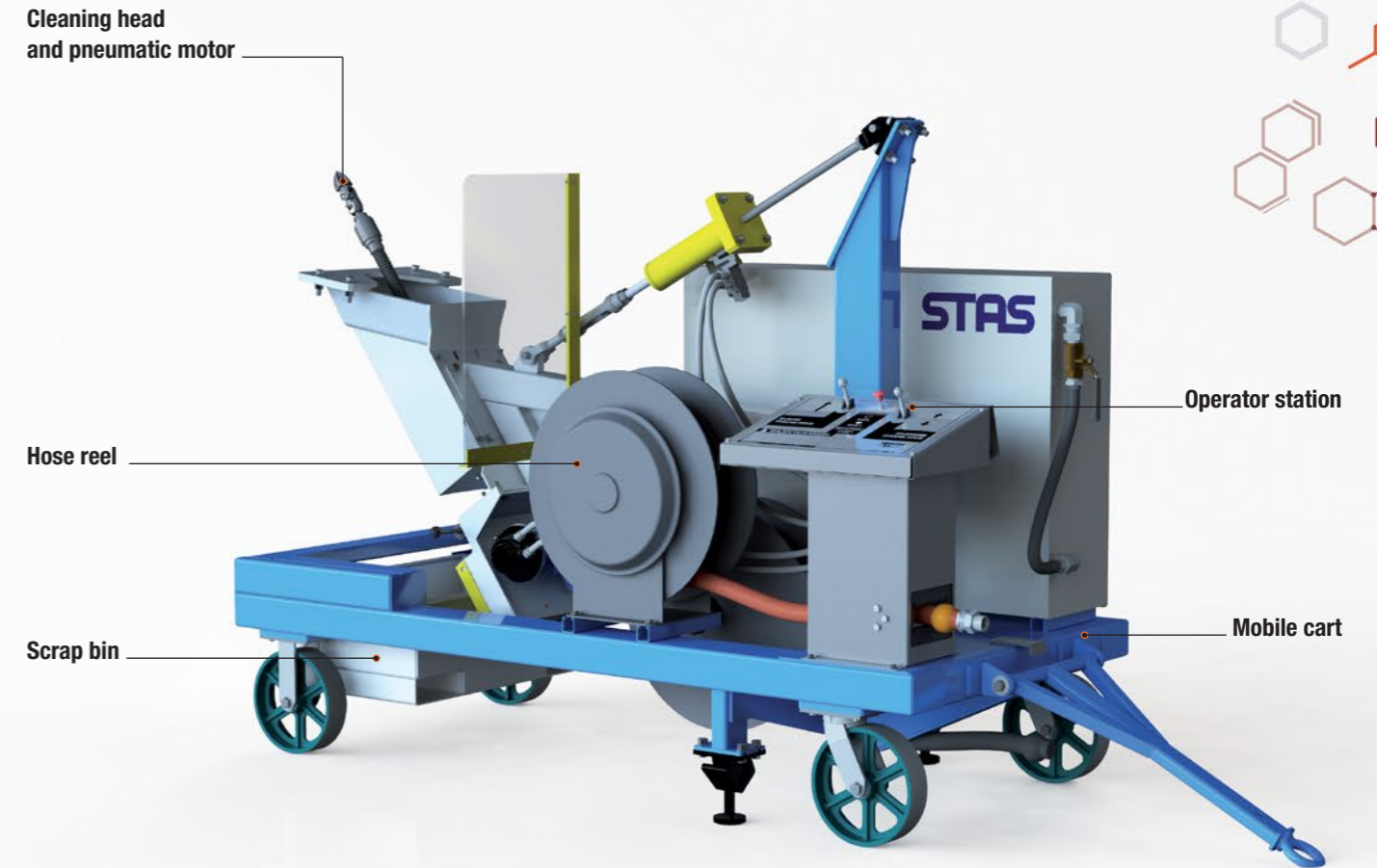
- > Cleans hot siphons whilst attached to crucible.
- > Adapts to different shapes and sizes of siphons.
- > Capable of cleaning curved siphons.
- > Cleans according to the contours of the interior siphon walls, even when siphon diameter varies.
- > No need to be near an electrical power source.

Safe Operating Environment

- > Eliminates exposure of operators to dust and hot particles.
- > Keeps operators away from noisy area.
- > Eliminates exposure of operators to dangerous cleaning parts.

Optional Features

- > Four-sided enclosure for noise and dust protection.
- > Remote control panel.



» **Models available**



» **Typical specifications**

Models	Main unit Overall dimensions			Weight (kg)	Cleaning range (inner Ø mm)	Cleaning cycle time (min)	Heat condition (°C)
	Length (mm)	Width (mm)	Height (mm)				
Mobile unit	2500	1100	1900	1000	75 to 200	5 to 10	0 to 600
Fixed unit without pivot	1800	700	1800	500	75 to 200	5 to 10	0 to 600
Fixed unit with pivot	2000	700	1800	500	75 to 200	5 to 10	0 to 600
Fixed unit on a platform	3500	1400	2300	1500	75 to 200	5 to 10	0 to 600

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