

ACP

ALUMINIUM CRUCIBLE PREHEATER

The proven technology to preheat and dry bath and metal crucibles

How it works

Metal and bath crucibles (or ladles) are regularly cleaned, repaired or rebuilt with a new refractory lining before they are returned to service. Whatever the reason for the maintenance, it is important that the lining of those crucibles be safely dried and preheated. With traditional methods, linings are preheated using gas, oil or oxyfuel; but these energy sources generate polluting gases and are not as efficient as electricity for heat transfer.

STAS has developed an electrical crucible preheating system that produces no pollutants and which is noise free. The ACP / Aluminium Crucible Preheater totally controls the whole heating cycle, which ensures more uniform heating distribution before the first time molten metal is poured, hence a considerable reduction in energy costs.

Key features

Productivity Improvement

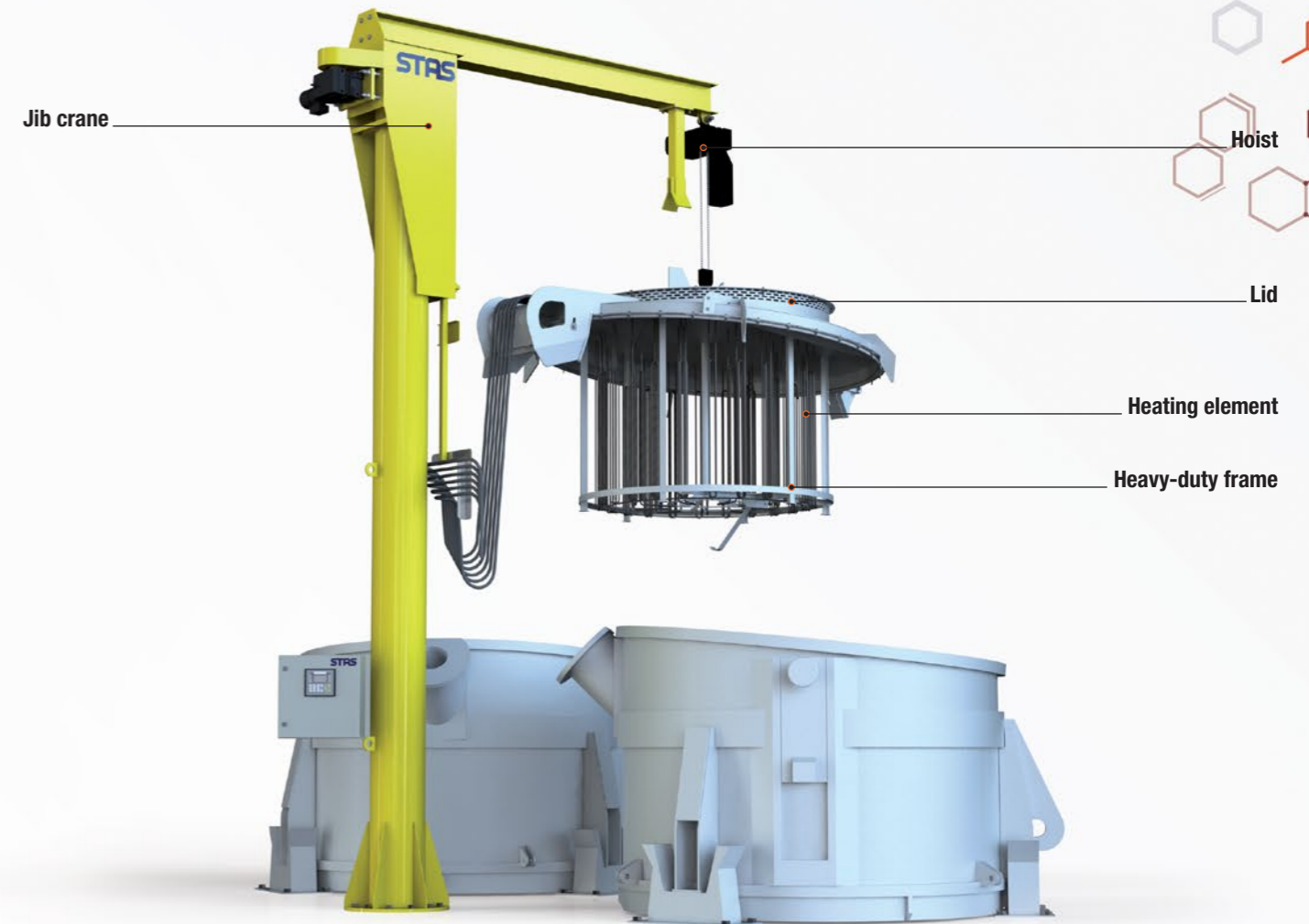
- > Better temperature control; no cold spots.
- > Fully automatic operation of the system.

Cost Improvement

- > Reduced energy costs.
- > Low operating, maintenance and capital costs.
- > No dedicated operator is required.

Safe Operating Environment

- > No dedicated operator is required.
- > No pollutant is emitted.
- > No CO₂ is emitted.



Models available



Translation jib crane

Hot air recirculation preheater

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