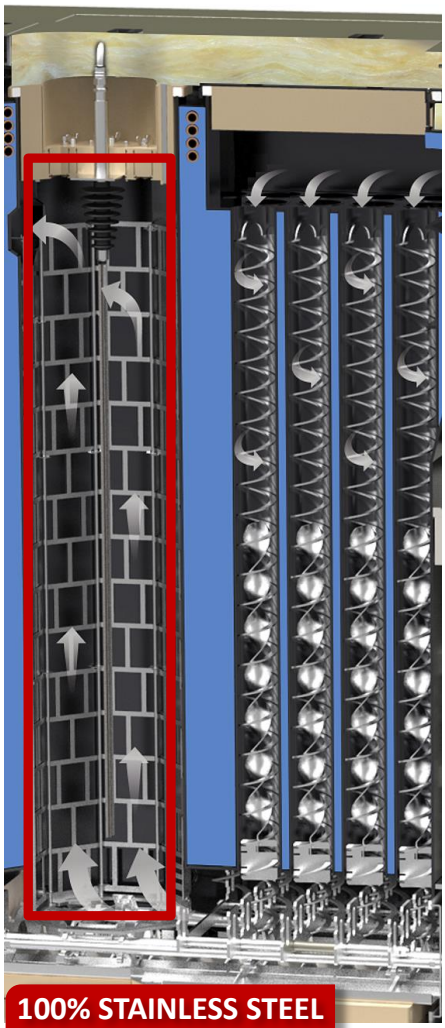
FULLY AUTOMATIC HEAT EXCHANGER CLEANING OF ALL LINES

Heat-resistant double turbulators clean from the 1st draft and ensure ideal cleaning

NEW
at Sommerauer

ECOS whisper mode with impulse cleaning & twin turbulators

+ E-filter chamber is cleaned automatic.



100% STAINLESS STEEL
Entire lower drive mechanism
+ Cleaning basket and double turbulators

HIGHEST BOILER EFFICIENCY WITH MAXIMUM FUEL SAVINGS THROUGH EFFICIENT CLEANING FROM THE 1ST DRAFT! NOW ALSO IN ECO WHISPER MODE!
Without any maintenance effort, all heat exchanger pipes are cleaned fully automatically. Fuel savings with higher efficiency are the result. Thermal loads are minimised because the entire heat exchanger cleaning mechanism is installed in the lower or cold area.

- ✓ A higher degree of efficiency is achieved due to clean heat exchanger heating surfaces
- ✓ Fuel savings due to the fully automatic cleaning of the heat exchanger tubes from the 1st draft onwards
- ✓ With special spring and spiral turbulators, the flue gas temperature flowing through is kept low, thus generating a high degree of efficiency
- ✓ Drive mechanism is installed in the lower or cooler area. This reduces thermal loads on the drive mechanism and thus increases the service life

PATENTED
Patent no. EP3789670B1

- ✓ From the 1st draft onwards, fly ash residues fall through the cleaning springs into the ash screw conveyor and are transported to the ash box
- ✓ Only one ash discharge screw transports the fly and grate ash into the fully integrated ash box
- ✓ Thanks to the special ECOS whisper mode, the cleaning process is silent and hardly noticeable

ALTERNATIVE SYSTEMS

- ✗ If an alternative system is not automatically cleaned in the 1st draft, the efficiency of the heating system may be lower and thus the fuel consumption of the heating system may be higher.
- ✗ Cleaning mechanisms installed in the upper or hotter area are exposed to a higher thermal load (temperature stress due to hot volume flow) and therefore have a shorter service life.
- ✗ If alternative systems use normal cleaning springs, which should not clean the heat exchanger tubes optimally, this could result in poorer efficiency and thus higher part wear.
- ✗ Alternative systems may have cleaning mechanisms that are noisy and therefore disturbing.