

Reasons to install Sonic Cleaning in your Application

There are many reasons to use Sonic Cleaning in your Application. Some of them are listed here below.

Boiler Applications

- Continuously clean heat transferring surfaces, which means better heat transfer and thus higher steam or hot water production.
- Possibility to use less fuel, to produce the same output effect or hot water.
- No mechanical wear on the boiler tube surfaces, which means a longer lifetime of about 30% for the boiler tubes.
- Traditional steam soot blowers or steel ball cleaning is damaging the boiler tubes a lot.
- The sound reaches into every corner, and can thus penetrate tube packages that have been impossible to keep clean with steam soot blowers.
- Easy to retrofit into any application.
- Cost effective and short payback time.

Catalyst Cell Applications

- No mechanical wear on the catalyst cell surfaces, which means a longer lifetime of the catalyst cells.
- Traditional steam/air soot blowers are damaging the catalyst cells a lot.
- The sound reaches into every corner, and can thus penetrate catalyst cells that have been impossible to keep clean with steam/air soot blowers. For Catalyst Cell Applications - use our SONOFORCE Sonic Soot Blowers

Electro Filter Applications

- Uniform cleaning .
- No mechanical wear or damage on the electrodes.
- Easy to retrofit to improve the filter performance.

Textile Filter Applications

- Uniform cleaning of the entire textile bags, which mean improved performance.
- No wear on the textile bags, which means longer lifetime.

Cleaning for I.D Fan Applications

- Prevent build-up on fan-blades, which means avoiding shutdown, manual cleaning and additional wear. For Cleaning of I.D. Fan Applications - use our SONOFORCE Sonic Soot Blowers

Cyclone Applications

- Continuous clean surfaces.
- No mechanical wear on the structure.
- Avoiding plugging at the outlet.

Marine Applications

- No mechanical wear on Boiler tubes or Catalyst cells.
- Reduced need for water washing.
- No accumulation of soot deposits, which means no stack fires and no soot flakes on deck.

Spray drier Applications

- Continuous clean surfaces, which means improved product quality.
- No mechanical wear on the structure.
- Avoiding plugging at the outlet.
- Longer operation time possible between washing.
- Minimized waste products left in the Drier at the end of a production cycle.

Silo Applications

- To prevent build-ups on the inner walls and roof of a Silo.

Note:

To avoid Bridging of the bulk material, or to get a Quicker discharge than with other methods, then use our Pulsator System.