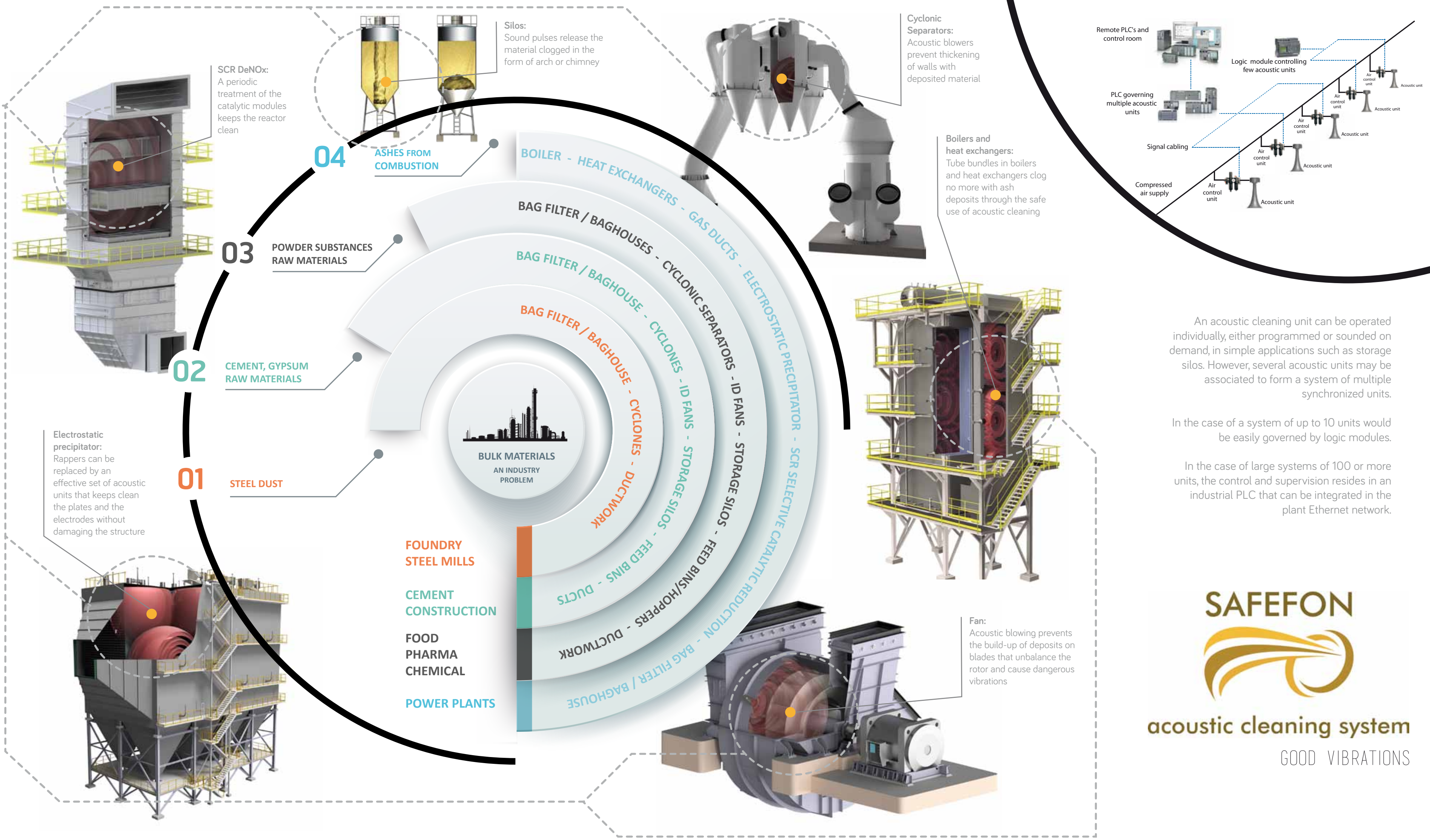


Sound waves of low frequency and high intensity carry, from the sound generator to every surface on the equipment to be treated, acoustic energy that upon hitting the deposits, introduce vibrations within, exerting a fluidizing effect.

The simplicity of operation, economy of use, reliability, low maintenance costs and operational efficiency make SAFE-FON acoustic cleaning systems a good choice for replacement or complement of traditional equipment such as:

-
- The simplicity of the acoustic unit makes it the simplest cleaning system to install and maintain.

The simplicity of the acoustic unit makes it the simplest cleaning system to install and maintain.



An acoustic cleaning unit can be operated individually, either programmed or sounded on demand, in simple applications such as storage silos. However, several acoustic units may be associated to form a system of multiple synchronized units.

In the case of a system of up to 10 units would be easily governed by logic modules.

In the case of large systems of 100 or more units, the control and supervision resides in an industrial PLC that can be integrated in the plant Ethernet network.

SAFEFON



acoustic cleaning system

GOOD VIBRATIONS

PRODUCTS

The product range includes equipment with frequencies from 60 Hz to 450 Hz, however given its universal use SAFEFON has opted to prioritize the production of the following series:

SAFEFON® Series 250

SAFEFON® Series 100

SAFEFON® Series 60

In order to cover a wider range of applications in temperature (up to 1000°C), erosion, aggressive environments, food grade, etc. We manufacture all our standard equipment in stainless steel AISI 316.

SAFEFON® Series 250

Universal acoustic cleaner: this cleaner, compact size available with straight and curved geometry, is the most versatile of the whole range. To facilitate the assembly we have designed several adapters that simplify the installation.

250RP

250CP

100RP

SAFEFON® Series 100

Medium range acoustic cleaner. This cleaner combines a long wavelength with an average horn size. Particularly suitable for cleaning convection zones in boiler, precipitators, heat exchangers, baghouses and selective catalytic reduction DeNO_x.

100CP

SAFEFON® Series 60

Powerful acoustic cleaner. This is the right cleaner for applications where high power and extra reach is needed. Straight and curved construction, this blower is particularly suited for large boilers, precipitators, economizers, silos, etc. of large dimensions.

60CP

Materials

Cover: AISI 316
Body: AISI 316
Diffuser: AISI 316
Diaphragm: Titanium special alloy

Limitations

Moisture: 10-15% maximum
Max. temperature: 1000°C

Requeriments

Air pressure: 5-6 bar
Air consumption:
32 l/s in operation
0.5 l/s at rest (for cooling)

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SAFEFON



acoustic cleaning system

www.safefon.net

COMPONIT

Factory and headoffice:

Calle 1, Nave 7. 28609 Villamantilla - Madrid - España
Tel.: +34 91 812 64 28 e-mail: info@safefon.net

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