

Acoustic Cleaner

The Martin Sonic Horn is an acoustic cleaner suitable for use in the process



industries, particularly in cement manufacturing. In addition to its low cost of ownership, acoustic cleaning helps avoid structural fatigue or damage. Especially effective around tubes and behind obstacles, sonic energy debonds particulates with a 360-degree sweep, cleaning inaccessible surfaces. The horns work by producing a low-frequency, high-pressure sound wave, which is created when compressed air flexes a titanium diaphragm in the sound generator. This sound wave is then magnified as it is emitted through the cleaner's bell. The pressure causes dry particulate deposits to resonate and become fluidized, allowing them to be removed by constant gas flow or gravity.

Martin Engineering

www.martin-eng.com [1]

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[1] <http://www.martin-eng.com>