



Acoustics Innovation

SilentMAGic

Magnetic Tuned Mass Damper

Product Description

SilentMAGic is a magnetic tuned mass damper designed to effectively target resonance frequencies, ranging from 300 Hz to 1500 Hz. SilentMAGic can be customized to achieve optimal resonance reduction, significantly minimizing vibrations and enhancing performance in various applications. This tailored approach ensures that SilentMAGic meets specific operation needs.

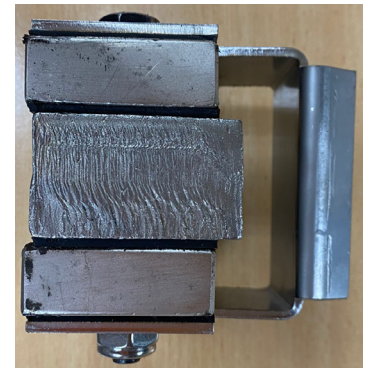
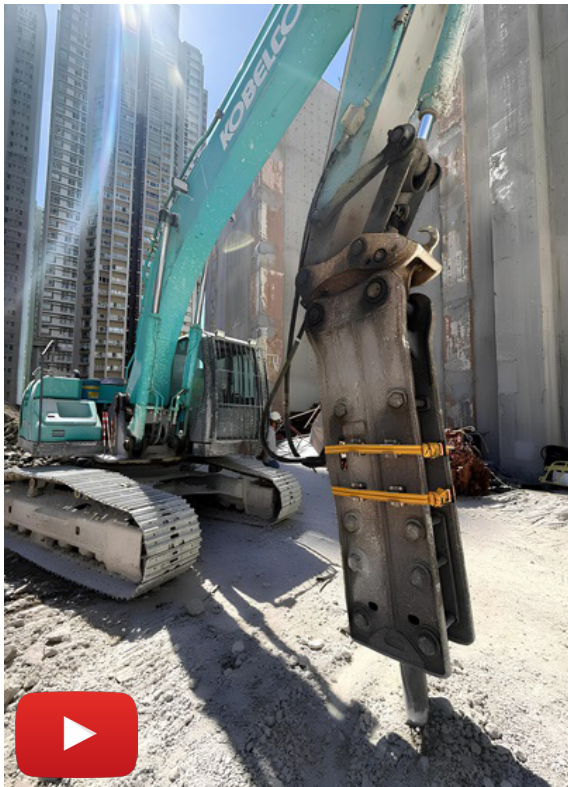
The installation of SilentMAGic is simple and tool-free as well. Its attachment is instant to metallic surfaces, even on rusted areas., and remains strong under the impact forces of construction activities.

SilentMAGic has been implemented in both hydraulic breaker and sheet piling applications. On-site measurements showed SilentMAGic can achieve 2-5dB(A) of noise reudction when applied onto hydraulic breakers and 7-9dB(A) reduction when applied onto sheet piling .

Benefits

- Simple and tool-free installation
- Precise resonance vibration control
- Significant noise reduction

On-site application & close-ups of product



Product Specification

Size (W) x (L) x (H)	100mm x 100mm x 100mm
Weight	2.8 kg
Noise Reduction (For breakers)	2-5 dB(A)
Noise Reduction (For sheet piling)	7-9 dB(A)

Simplified product diagram

