

Sound insulation proofing and vibration control solutions for industrial

E&T can provide a wide offer of solutions according to best materials available on the market, relevant the sound proofing and vibration control.

®Sound insulation proof casing

®Acoustic barrier

®Sound insulation proof cabin for machines and operators

®Soundproof door

VIBRATION CONTROL

- ®for Heavy machinery

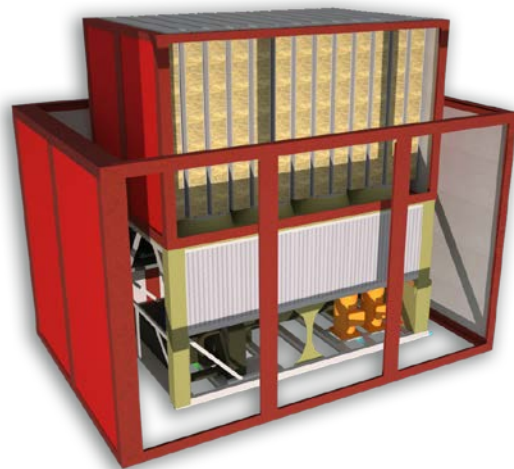
- ®for Lightweight machines

®Soundproofing

Ideal for reducing noise, ensuring correct ventilation for the unit. The soundproof enclosures are made to isolate generators, motor pumps, air handling units and chillers, to preserve the surrounding environment from noise pollution and to preserve and guarantee the optimal functioning of the machines housed inside them: the use of silencers in fact, with septa, it allows to intervene acoustically, keeping the air passage unchanged.

ADVANTAGES:

- The muffler reduces noise without compromising machine operation
- Dedicated design
- Use of fireproof materials - fire reaction class A
- Reduction of maintenance costs



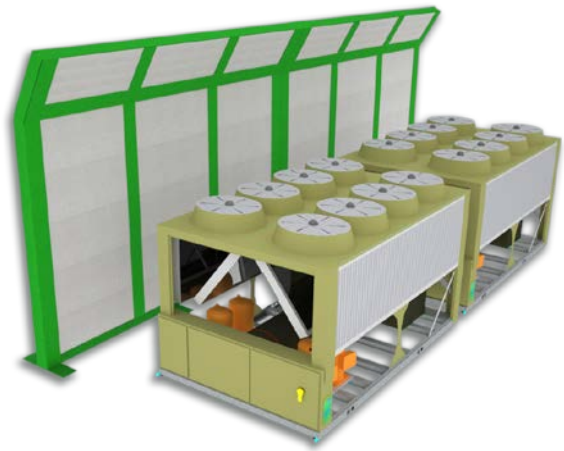
® Acoustic barrel

Ideal for acoustically protecting a receptor from a noise source located on the same or lower floor of the noise source

Acoustic barriers are a typical solution when it is necessary to reduce the noise produced by some machines, without creating a complete enclosure.

ADVANTAGES:

- Materials are chosen based on soundproofing performance to be achieved
- No maintenance work is required
- Use of fireproof materials - fire resistance class A
- Structure sized to withstand the wind pressure according to technical building standards.



® Soundproof cabin for machines and operators

Ideal for shielding noisy industrial systems or welcoming the industrial operator.

Cabins tailor made to accommodate the operator, shielding from the noise produced by machines and industrial operations. The installation of the cabins is typical in large companies where the intervention on the source would be too invasive, which favours the direct intervention on the operator (receptor).

ADVANTAGES:

- soundproofing ensured
- Full respect of the production line
- Dedicated design
- Reduction of maintenance costs

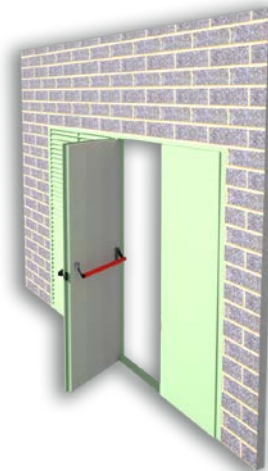


® **Anti-noise soundproof door** Ideal for retaining noise

In the structures where there are particularly noisy work inside, the critical points relating to the acoustic insulation towards the outside are represented by the necessary steps for accessing the personnel and materials as well as any windows. The soundproof door is the most suitable solution for the acoustic cleaning of access points.

ADVANTAGES:

- soundproofing ensured
- Engineering carefully designed
- Designed according to customer needs
- Made in compliance with current regulations

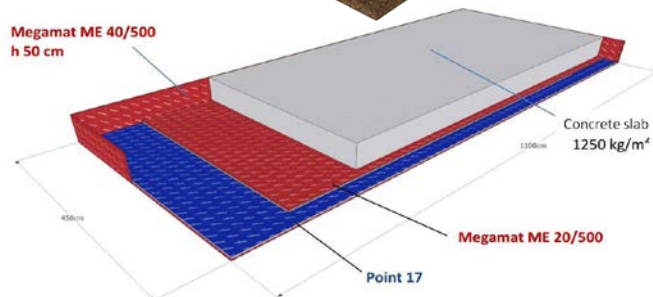
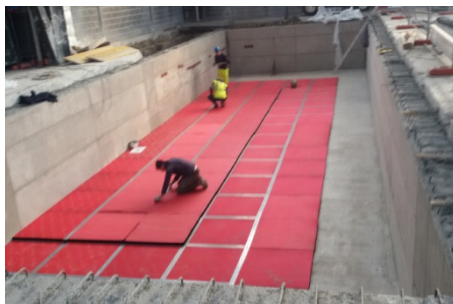


® **Heavy machinery**

Ideal for heavy industrial machinery or building foundations. The application exploits the ability of high density and thick mattresses to dampen vibrations, typically in the industry. We build bases of important dimensions with a weight of 1/2 times the weight of the machine itself, in order to optimize the floating inertial system on vibration isolation.

ADVANTAGES:

- High performance for a wide range of loads
- Draining and ice-resistant product
- Resistant to moderately aggressive oils and acids
- Performance stability over time



®Light machinery

Ideal for machines with low loads. Vibration insulation for light machines is achieved by using low-density mats and trying to maximize the load with point-like supports: therefore you can intervene directly under the machine with pads or strips, or create floating bases still on the pads or continuous mats low density.

ADVANTAGES:

- High performance at low loads
- Flexibility in the design
- Resistant to moderately aggressive oils and acids
- Mechanical stability and performance over time

