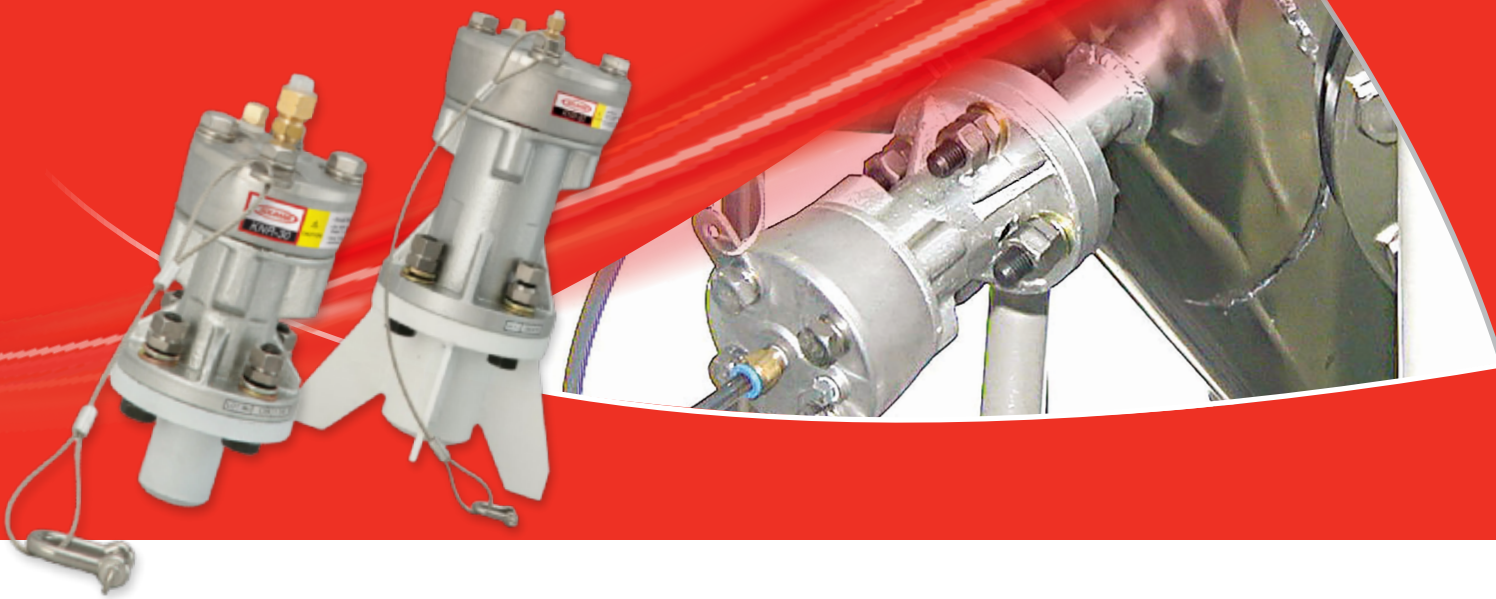




Gardner Denver Solimar Air-knocker line



Gardner Denver Solimar Air-knockers

Harness the power of efficient material handling with our Air-knockers. Your solution for stubborn substances that compress and stick together in the silo. With advanced pneumatic hammer technology, the Air-knocker uses compressed air to move a piston that strikes forcefully against the base plate, resulting in directional vibrations that loosen even the most stuck materials.

Easily adjust the impact force to your needs by controlling the compressed air pressure, and the Air-knocker effortlessly ensures smooth material flow. Connected in series, multiple Air-knockers can be controlled via a single control valve.

Air-knockers are available in six different sizes and manufactured in both carbon steel and stainless steel (SS). They are designed to perform in a diversity of industrial environments. Whether you work with food, pharmaceuticals, building materials or chemicals, our Air-knocker is the solid choice for maximising productivity and reducing downtime.

APPLICATIONS

- Sewage sludge fuel production plants
- Dust hopper in waste treatment plants
- Feed hopper for recycling fuel (pressed wood)
- Storage hoppers for glass fragments
- Ejection of silica gel
- Calcinating raw materials on walls
- Ash in recycling plants and ejection of aluminium powder
- Pipes in pharmaceutical plants
- Silos for animal feed



Design Features

- **Adjust the impact force to your needs:** Our pneumatic beaters are designed to be flexible in any industrial environment. Easily adjust the impact force with the press air pressure - ranging from 3 to 7 Bar(a) - for a perfect match to your application.
- **Series switching for optimal control:** When you need to control multiple “Air-knockers” simultaneously, our series switching offers a streamlined solution. A single control valve can control multiple “Air-knockers”, making your process more efficient.



- **Reliability and ease of maintenance:** With a simple yet robust design, our beaters guarantee excellent durability. A lifetime of around 1,000,000 strokes before maintenance is required means less downtime and more productivity.
- **Simple operation, sophisticated technology:** The operating principle of our “Air-knockers” is simple, eliminating the need for complicated control circuits. Remote operation is possible, giving you flexibility and convenience.
- **Environmentally friendly and safe for your equipment:** our beaters are designed to operate with clean compressed air without oil. This ensures a safe working environment and prevents contamination of your production equipment.