AIR KNOCKER

ORIGINAL PNEUMATIC HAMMERING TECHNOLOGY

Sticky and compacted material is loosened by the impact of the Knocker piston with adjustable force provided by variable air pressure.

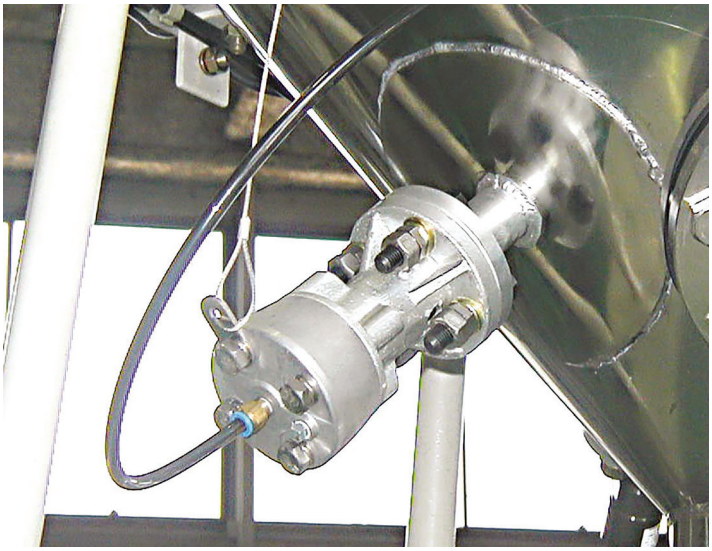


WALL SURFACE ADHERENCE

Moisture and other material properties cause product to stick and build on the walls of a vessel.

Design Features

- Impact force can be adjusted by input pressure. 44-102 PSI (0.3-0.7MPa).
- Relay piping function allows operation of multiple Knockers by one controlling valve.
- Simple design, excellent durability and easy maintenance.
- Simple working principle eliminates complicated operating circuits. Remote operation is also easy.





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MODELS & SPECIFICATIONS

INDIRECT IMPACT TYPE: KNR SERIES

APPLICATIONS:

- Sewage sludge fuel production facilities
- Dust hopper in waste treatment plants
- Recycle fuel (compressed wood) supply hoppers
- Glass cullet storage hoppers
- Livestock forage silos
- Ejection of silica gel
- Calcination raw material on walls
- Ash in recycling plants and ejection of aluminum powder
- Piping in pharmaceutical plants



USED IN:
Cereal and forage silos
Milling plants
Steel and nonferrous metal plants
Food and pharmaceutical plants
Petrochemical plants
Toner pigment plants
Paper-making factories
Environmental recycling plants
Biomass power-generating plants
Gravel and sand plants
Sludge incineration plants

DIRECT IMPACT TYPE: KNR-DI SERIES

APPLICATIONS:

- Remove material from molds
- Rotary driers
- Powdered paint
- Furnaces



USED IN:
Cereal and forage silos
Milling plants
Steel and nonferrous metal plants
Food and pharmaceutical plants
Petrochemical plants
Toner pigment plants
Paper-making factories
Environmental recycling plants
Biomass power-generating plants
Gravel and sand plants
Sludge incineration plants

STAINLESS STEEL: KNR-SS SERIES

APPLICATIONS:

- Coffee bean roasting machines
- Resin pellet hoppers
- Ejection of film materials
- Salt and sugar clogging



USED IN:
Milling plants
Steel and nonferrous metal plants
Food and pharmaceutical plants
Petrochemical plants

CONTROL AOC PANEL

- When three way valve is opened, knocker will operate with no power supply
- Knocker's operation interval can be easily adjusted with the speed controller
- If relay piping is used, up to three knockers are controllable



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