

>> VIBRATING TUBE CONVEYOR

>> FEATURES:

- Sanitary design meets USDA Dairy standards and meets 3A requirements
- Easily cleaned with no moving parts
- Totally enclosed, dust-free operation
- Isolation mounts minimize vibration transmission to support structure
- Energy efficient, low horsepower requirements
- Extremely quiet operation (between 60-75 DBA)
- Heavy duty, maintenance-free design
- Hot-air jacketed designs available for construction



Vibrating Tube Conveyor

Vibrating tube conveyors are perfect for conveying fragile agglomerated, instantized and standard powders or granules horizontally.

Conveying action is gentle, and because the product never comes in contact with moving parts, product degradation is virtually eliminated. Vibrating tube can be easily dry-cleaned manually through end inspection covers or cleaned-in-place with spray ball fittings.

Principal of Operation

Material is conveyed down the length of a closed tube in a series of small movements using low frequency (16-25 Hz) and long strokes (0.16"-0.32") vibrations. Momentum in direction of flow is generated by two counter rotating motors through the tube's center of gravity. Increase in slope can increase convey rate.



Powder Process-Solutions
Div. of Powder-Solutions Group
1620 Lake Drive West
Chanhausen, MN 55317
Ph: 952-279-5205
Fax: 952-279-5206
sales@powder-solutions.com
www.powder-solutions.com

>> Contact us with your design parameters.

>> Technical specifications and dimensions available on request.