



Vibratory tube conveyor type FlexConveyor™

Efficient, gentle and energy-saving for powder and granule

The vibratory tube conveyor type FlexConveyor™ from Alvibra is the optimal solution for efficient, energy-saving and gentle transport of powder and granule within the food and chemical processing industries.

Energy-saving drive system

The tube FlexConveyor™ transports by means of our patented VibraDrive™ technology with only one standard motor, which ensures that the energy is used for advancing the material. This unique technology reduces the energy costs of the tube FlexConveyor™ by 30-50% compared to conventional vibratory tube conveyors.

Intelligent equalisation of vibrations

The tube FlexConveyor™ is designed with our innovative system for equalisation of vibrations, VibraEqualizer™, and generally does not emit vibrations in relation to the surroundings. Thus, no special requirements are stipulated for foundation and/or placement of the equipment, on which the vibratory conveyor will be mounted. The system also creates an extremely low and compact conveyor and the possibility of producing long conveyors, which are ideal for installation in any production line.

Flexible and reliable control

The tube FlexConveyor™ is operated with our VibraControl™ unit, which ensures a reliable and fully flexible regulation of the capacity. The VibraControl™ can partly be set to a constant capacity / volume.

Silent, dust-proof and easy to clean

The inner and outer surfaces are available in varying degrees of sanitary designs such as USDA and 3A. The tube FlexConveyor™ is also extremely silent, dustproof and easy to clean.

Specialist in handling powder, granule and products

Our mission is to provide companies with handling solutions of optimal performance, cost-effective design and an environmental and energy focus.

The compact solutions are based on a unique, patented vibrations concept, VibraDrive™, with a wide range of benefits compared to existing solutions. These advantages are developed continuously through innovative improvements, which businesses, employees and the environment will benefit from.

Alvibra owns a number of patents and patent applications, which anchors our position as a leading specialist in the handling of powders, granules and products such as vegetables, snacks etc.

Devices and products from Alvibra A/S are protected by patents, patent applications or design protection. Please contact our R&D department for more information. We reserve the right to change the product specifications through Alvibra's continuous product development.

ADVANTAGES

- Significant energy savings and eco-friendly solutions.
- Innovative equalisation of vibrations eliminates special requirements for foundation.
- Cost-effective design in lengths up to 32 meters.
- Extensive transport capacity by means of adjustable amplitude.
- Very silent
- Powered by VibraControl™
- Stainless steel AISI 304 or AISI 316

OPTIONS

- Comes with an integrated CIP system
- Various degrees of sanitary design
- Coating of conveyor for abrasive materials / products.

TYPICAL FIELDS OF APPLICATION

- Milk & whey powder
- Coffee & cocoa powder
- Ingredients / spices
- Enzymes / protein
- Various types of chemicals
- Various types of granule

PRODUCT LINE: FlexConveyor™

- FlexConveyor™-150 (ø 150, from 1 to 18m)
- FlexConveyor™-200 (ø 200, from 1 to 24 m)
- FlexConveyor™-250 (ø 250, from 1 to 32 m)
- FlexConveyor™-300 (ø 300, from 1 to 32 m)
- FlexConveyor™-350 (ø 350, from 1 to 32 m)
- FlexConveyor™-400 (ø 400, from 1 to 32 m)

