



Open vibratory conveyor type FlexConveyor™

Efficient, gentle and energy-saving for products and granule

The vibratory conveyor type FlexConveyor™ from Alvibra is the optimal solution for efficient, energy-saving and gentle transport of products such as vegetables, snacks and cereals as well as non-dusty powder and granule within the food and chemical processing industries.

Energy-saving drive system

The 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 FlexConveyor™ by 30-50% compared to conventional vibratory conveyors.

Intelligent equalisation of vibrations

The 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 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 conveyor 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

- Various degrees of sanitary design
- Coating of conveyor for abrasive materials / products.
- Closed version for dusty products

TYPICAL FIELDS OF APPLICATION

- Vegetables
- Fruit
- Ingredients / spices
- Snacks
- Cereals
- Various types of chemicals
- Various types of granule

PRODUCT LINE: FlexConveyor™

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