



## Closed vibratory conveyor type AVC™

Efficient, gentle and energy-saving for dusty powder and granule

The vibratory conveyor type AVC™ from Alvibra (Alvibra Vibratory Conveyor) is the optimal solution for efficient, energy-saving and gentle transport of powders and granule within the food and processing industries.

### Energy-saving drive system

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

### Intelligent equalisation of vibrations

The AVC™ conveyor 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 conveyor is controlled with a standard frequency converter for a reliable, flexible and controlled operation. As an option the conveyor comes with the intelligent controller, VibraControl™, that can 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 the requirements for special foundation.
- Cost-effective design in lengths up to 32 meters.
- Extensive transport capacity by means of adjustable amplitude.
- Very silent
- Stainless steel AISI 304 or AISI 316.

## OPTIONS

- Full control with VibraControl™
- Comes with an integrated CIP system
- Various degrees of sanitary design
- Coating of conveyor for abrasive materials / products.
- Open version for non-dusty products

## TYPICAL FIELDS OF APPLICATION

- Ingredients / spices
- Snacks
- Cereals
- Various types of technical / chemical powder
- Various types of granule

## PRODUCT LINE: TYPE AVC™

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