



The illustration shows a conveyor type ATC 250 mm dia. x 9500 mm length

TUBULAR VIBRATORY CONVEYOR TYPE ATC

Powered by the unique VibraDrive™

The **ALVIBRA** vibratory conveyor type ATC (**Alvibra Tube Conveyor**) is primarily designed for transport of bulk materials that tend to dust.

Via intelligent and simple counterbalancing of vibrations the ATC conveyor is virtually vibration neutral in relation to the surroundings. Subsequently there is no need for special requirements for carrying structures, vibration dampers or the positioning of the equipment carrying the vibratory conveyor.

In addition to being comparatively noiseless, the system is easily made effectively dust proof and easy to clean. The elliptic “forward only” movements of the ATC vibratory conveyor offers, the important advantage that all energy is utilized for the purpose of the forward transport only.

The system may be controlled and regulated simply and effectively by means of a frequency converter, providing a safe, flexible and controlled operation of the system.

As an option the system may be supplied with Active Vibration Control, by means of which transport capacity (transported quantities) may be kept at a constant level.

The interior and exterior surfaces of the tube are available in several grades of sanitary finish (such as 3A, FDA, EHEDG, USDA).

Please note

Most of the products offered by Alvibra A/S are covered by patents or pending patent applications. Interested parties may contact the R & D Department for further details. Alvibra® is a registered trademark. VibraDrive™ is a trademark of Alvibra A/S.

Due to a policy of continuous enhancement of products, the information published in this data sheet may not be accurate at all times. Prospective customers are advised to seek confirmation.

This transport solution reduces energy costs by 30 – 50 % when compared with conventional vibratory conveyors.

FEATURES

- Available in lengths from 1 m to 32 m.
- Saves energy - low energy consumption, using only one small standard motor.
- Intelligent counterbalancing of vibrations.
- Light design, yet robust construction and low building height means easy integration.
- Closed sanitary design/dust proof.
- Stainless steel AISI 304 or AISI 316.
- Different grades of sanitary finishes available.

OPTIONS

- Complete supply incl. of controller and frequency converter.
- Integrated CIP system.
- Automatic Infeed Control incl. of buffer.

APPLICATIONS

- Milk- and whey powder.
- Coffee and cocoa powder.
- Ingredients/spices.
- Food enzymes and Proteins.
- Powders found in the chemical industry.
- Granular materials and products.
- Your product?

CONVEYOR RANGE TYPE ATC

- ATC 150 (150 mm dia. up to 18 m length)
- ATC 200 (200 mm dia. up to 24 m length)
- ATC 250 (250 mm dia. up to 32 m length)
- ATC 300 (300 mm dia. up to 32 m length)
- ATC 350 (350 mm dia. up to 32 m length)
- ATC 400 (400 mm dia. up to 32 m length)