

Applications



FlexLink applications for the bearing industry

990319

Vibrator feeder

FlexLink straight vibrator feeder for cylindrical products

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PROBLEM To transport cylindrical products safely and with a minimum risk of transport damage.

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BENEFITS The unit ensures careful handling of the products as the products are transported along by vibrations from a mat. This minimises the risk of transportation damage to the products which can line up without being damaged. The unit has a small radius of curvature which means that little space is required.

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SOLUTION *FlexLink straight vibrator feeder for cylindrical products.* This feeder can be integrated into a system. Driven by the vibrations from a fibre mat the products are transported carefully along. This system is designed for sensitive products.

Function

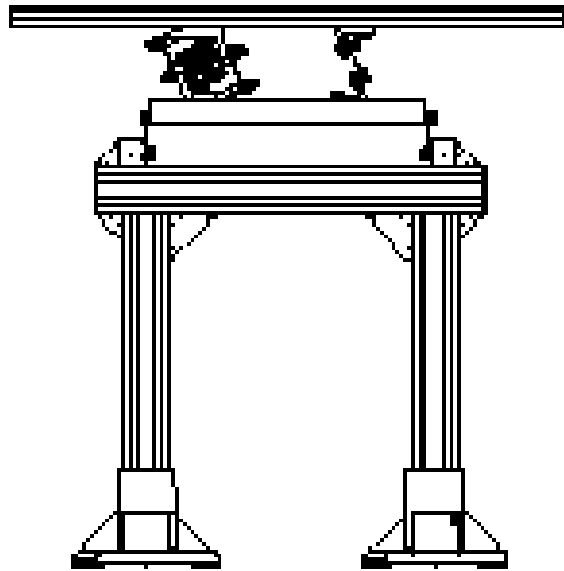
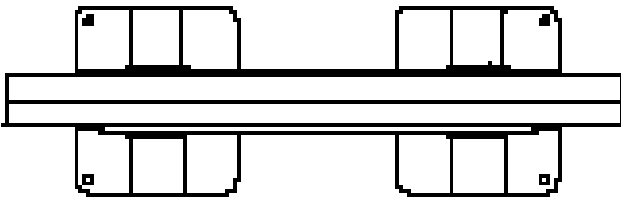
The unit consists of three main sections:
V-profile with a glued-on mat which carries the products along
The power source, an electromagnetic unit which produces vibrations
A stable support with legs which is **firmly** fastened to the floor.



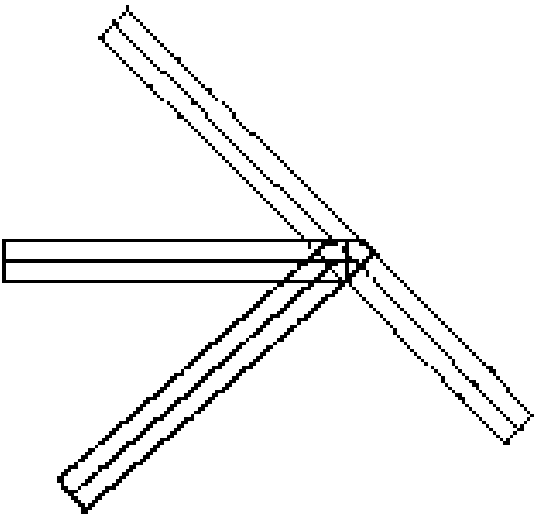
Technical Specifications

Cylindrical product when curves are used: diameter 5 -35, $L \leq 90$ mm
Cylindrical product when using curves: diameter 5-35, $L \leq 45$ mm
Recommended maximum length: 1000 mm
Recommended maximum height: 1 000 mm
Maximum speed: Product-related, max. 7 m/min

Vibrator feeder straight section



Alternative solutions with curved sections



Accessories

Curved sections

When changing direction a curved section is needed for connection to the next straight section.

- 15': 5300375
- 30': 5300376
- 45': 5300377
- 90': 5300378

V-transfer

To connect the vibrator feeder to a conveyor a V-transfer unit is needed.

- 3938940 (XLEJ 200)
- 5300638 (XLEJ 320)

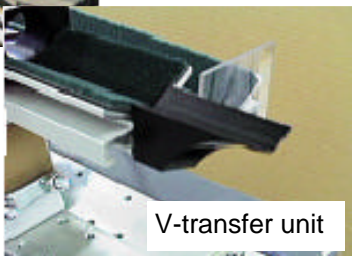
Plough unit wipe off

The rollers can either fall off the feeder straight out from the feeder end in to a box, or by using a wedge-shaped plough.

- Fixed plough, left hand 3935224
- Fixed plough, right hand 5300374



Curve section 90 degree



V-transfer unit

Enquiries

Enquiries about the -FlexLink vibrator feeder for cylindrical products can be made at your local FlexLink office.

The unit is installed and tested on delivery.

FlexLink can supply complete turnkey systems or units without control systems.

In your enquiry please quote the publication number of the unit and state your technical specifications.

Reference: Straight vibrator feeder: 990319

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