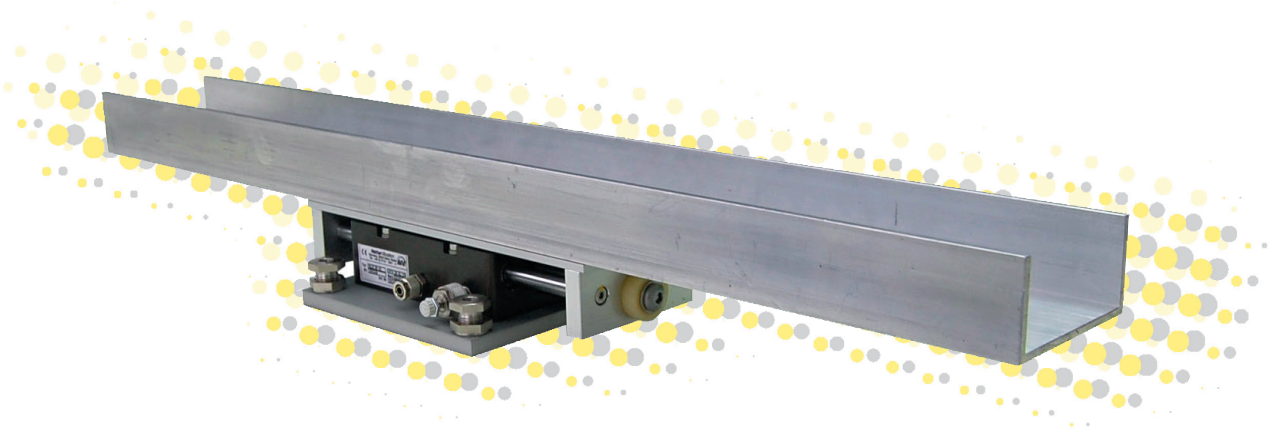
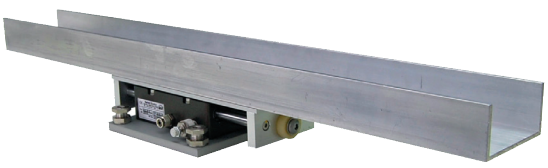
NetterVibration



47

Netter Conveyor System
Series ***Line***Drive

- Gentle and constant conveying
- Flat, compact construction
- Modularly extendable
- Low air consumption
- Very low noise level

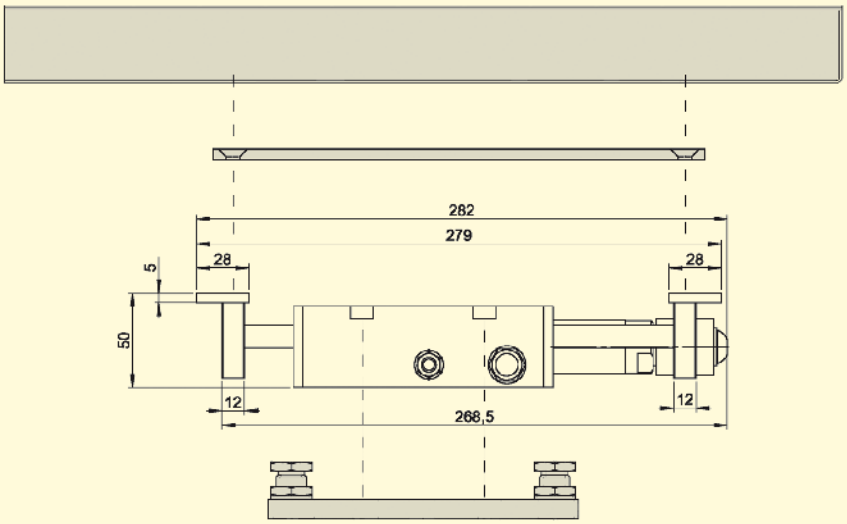


Serving industry with vibration

NetterVibration

Netter Conveyor System
Series *LineDrive*

The conveyor system of the ***Line****Drive* series consist of:

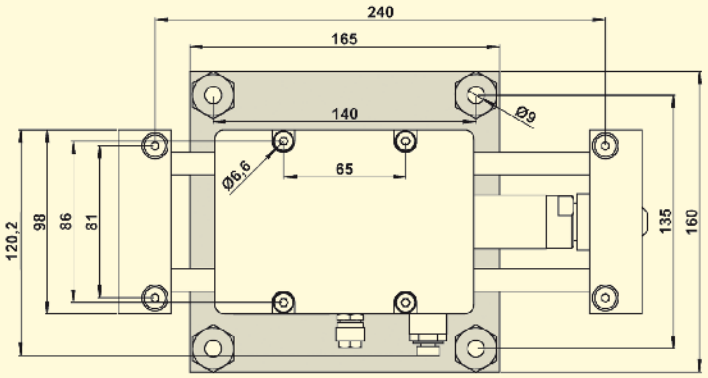


a conveyor trough, manufactured either by the client or as per client's requirements,

the mounting plate (optional),

the ***Line****Drive*-unit, driven by a linear vibrator

and the ground plate (optional).




Conveyor system ***Line****Drive*


trough


mounting plate


drive unit


ground plate

Applications
The ***Line****Drive* conveyor system is suitable for gentle, horizontal conveying of bulk material. The flat design (height of drive 5 cm) allows applications even with confined space constraints.

Design and functioning principle
Traditional vibration conveyor systems work on the throwing principle, in which the product is "thrown" forward, following a trajectory parabola. With the ***Line****Drive* conveyor principle, the material slides along the conveyor trough. This is made possible by a pneumatic linear drive.
The conveyor output can be adjusted to suit the specific characteristics of the material to be conveyed by regulating the compressed air.
In longer conveyor systems (from approx. 2m), the trough is supported by the ***Line****Drive* support. It is possible to convey greater loads by coupling several ***Line****Drive* propulsion systems.
In addition to the standard versions, customized variants of the **Line***Drive* series are also available.

Mounting plates
The mounting plates are suitable for mounting the entire surface of the conveyor troughs on a ***Line****Drive* unit.

Base plates
The base plates are used to compensate unevenness in order to avoid any tensioning in the ***Line****Drive* unit.

Permissible operating conditions:

Drive Medium:
Compressed air or nitrogen (filter ≤ 5 µm), preferably with oil mist

Optimum Operating pressure:
2 bar

Ambient temperature:
5°C to 60°C

Weight without trough:
2,7 kg

Netter*Vibration* offers the accessories required for the mounting, installation, control and monitoring of vibrators and impactors.

Netter provides solutions.
Consult our experienced application technicians.

Netter GmbH

Germany
Fritz-Ullmann-Str. 9
55252 Mainz-Kastel
Tel. +49 6134 2901-0
Fax +49 6134 2901-33

Switzerland
Erlenweg 4
4310 Rheinfelden
Tel. +41 61 8316200
Fax +41 61 8311291

Poland
Al. W. Korfantego 195/17
40-153 Katowice
Tel. +48 32 2050947
Fax +48 32 2051572

www.***Netter****Vibration*.com
info@***Netter****Vibration*.com