

A man and a woman are sitting on a grey cushioned bench in a large industrial space, possibly a warehouse or factory. The man, wearing a black and white striped polo shirt and glasses, is pointing at a laptop held by the woman, who is wearing an orange button-down shirt. The background shows the structural elements of the building, including steel beams and overhead lighting.

**We  
shape the  
future**

## Overview of Standards

VDI-FA 307 Bulk material  
handling technology

### Topics:

Bucket elevators; Bunkers and silos; Belt  
conveyor;s Pneumatic conveying; Screw  
conveyors; Drag chain conveyors;  
Continuous conveyor in general

# VDI-FA 307 Bulk material handling technology



Bucket elevators

VDI 2324 [Vertikal bucket elevators](#)

Bunkers and silos

VDI 2694 [Loading, storage and discharge of bulk material](#)











Pneumatic conveying

VDI 2329\* [Fundamentals, plants, components](#)  
VDI 3671 Bl. 1 [Fundamentals, plants, components](#)  
VDI 3671 Bl. 2 [Recom. for requirements and characteristics](#)









Drag chain conveyors

VDI 2320 [Drag chain conveyors](#)

## Belt conveyors

- VDI 2322 Design and construction 
- VDI 2341 Idler rolls and idler roll distances 
- VDI 3602 Bl.1 Conveyor drives, construction 
- VDI 3602 Bl.2 Conveyor drives, operating method 
- VDI 3603 Take-up, bend and return stations 
- VDI 3604 Transfer equipment 
- VDI 3605 Cleaning devices 
- VDI 3606 Conveying line 
- VDI 3607 Measures for the monitoring of the operational function 
- VDI 3608 Conveyor belt 

## Belt conveyors

- VDI 3622 [Conveyor pulleys](#)  
- VDI 3623 [Metal separators](#) 
- VDI 4435 [Horizontal curves belt conveyors for bulk material; Construction types and selection](#) 
- VDI 4436 [Measurement of mass and volume flows](#) 
- VDI 4438 [Pipe conveyor](#) 
- VDI 4456 [Bluation analysis of conveyor system for increasing efficiency in materials handling](#) 
- VDI 4459 [Shaping of energy-efficient trough belt conv.](#) 
- VDI 5022 [Design and measures for operating at low temp.](#)

## Screw conveyors

VDI 2330 Bl.1 General characterisation [↗](#)

VDI 2330 Bl.2 Design of horizontal and lightly inclined screw conveyors [↗](#)

VDI 2330 Bl.3 Design of vertical screw conveyors [↗](#)

VDI 2330 Bl.4 Design of steeply inclined screw conveyors [↗](#)

## Continuous conveyor in general

VDI 3970 Recom. for the preparations of a maintenance schedule of conveyors [↗](#)

VDI 3971 Steep and vertical conveyors for bulk material; Construction and selection [↗](#) [↗](#)

VDI 3974 Bl. 1 Monitoring devices for the conveyance and storage of bulk materials, basic concepts