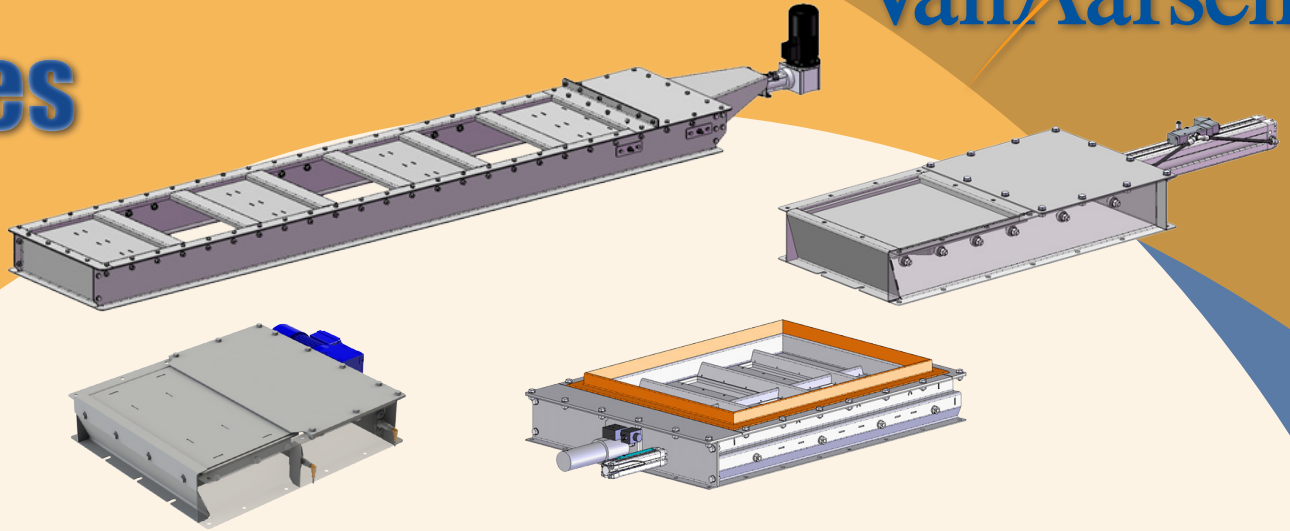


# Slides

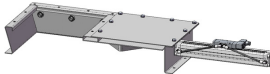
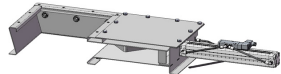
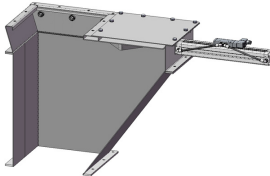
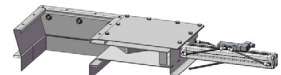
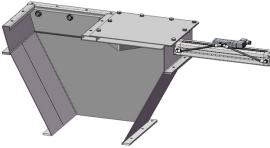


The slides are designed by Van Aarsen for closing and opening the inlet and outlet of various machines and bins. The slide is a machine intended for building into a larger assembly. Various versions, dimensions and constructions are available:

- |                                      |   |
|--------------------------------------|---|
| Square slides                        | <ul style="list-style-type: none"> <li>• open construction airoperated or motor operated</li> <li>• closed construction air operated</li> </ul> |
| Slides for the chain conveyor        | <ul style="list-style-type: none"> <li>• open construction airoperated or motor operated</li> <li>• closed construction air operated</li> </ul> |
| Grid slide, discharge dosing weigher | <ul style="list-style-type: none"> <li>• hydraulic operated or motor operated</li> </ul>  |
| Dosing slide slidetable              | <ul style="list-style-type: none"> <li>• hydraulic operated</li> </ul>  |

## Description

- Robust, solid design
- Drive pneumatic, hydraulic or with motor
- Various sizes possible
- Some slide types improve flow of products that don't flow freely, such as fish meal or pressed meal
- Tailored advice for your installation, provided by our skilled engineers
- Pneumatic and hydraulic operated slides will close in case of a power failure
- No mechanical stops
- Low noise level

Open slides (sectional view)	Closed slides (sectional view)
	
	
	

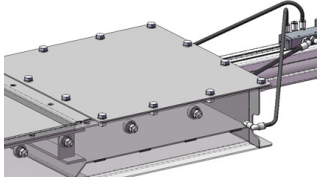
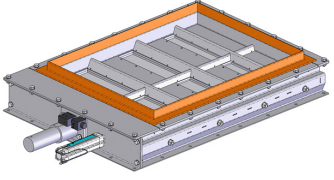
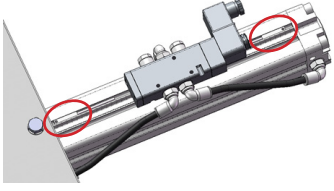
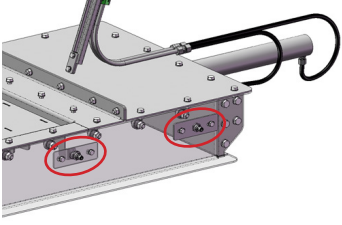
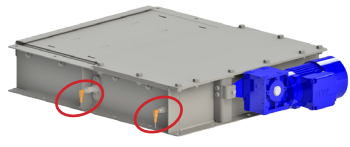
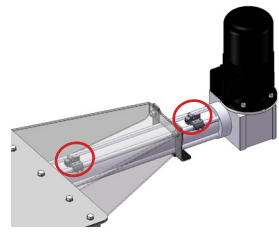
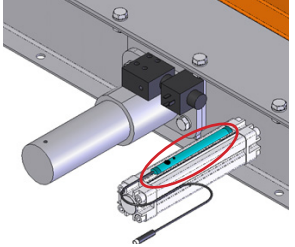
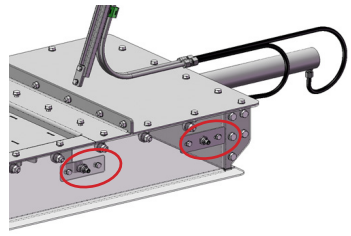


Chain conveyor slides



Slides above bulk weighers

# Datasheet

	Pneumatic operated	Motor operated	Hydraulic operated
Material	Steel 37.2 Coated for indoor use	Stainless steel SS304 Coated for outdoor use	Steel 37.2 Coated for indoor use
Speed	500 mm/s	20 mm/s	50 mm/s
Power and energy	1250 l/min	Motor: 0.18 kW	Hydro unit: 2.2 kW
Mechanical stop	Not present	Not present	Not present
Cleaning	<p><i>Closed construction (chain conveyor and square slides):</i> Closed part of the slide is cleaned with exit air, in combination with a sweep strip</p> 		<p><i>Slide grid / dosing:</i> After 100% discharge, the slide is opened and closed several times</p> 
Location sensor	<p>To determine position</p> <p><i>Chain conveyor/square slide:</i></p>  <p><i>Discharge slide:</i></p> 	<p>To determine position and control actuator</p> <p><i>Chain conveyor/square slide:</i></p>  <p>20 mm/s</p> <p><i>Discharge slide:</i></p>  <p>45 mm/s</p>	<p>To determine position and control movement</p>  <p><i>Dosing weigher / Discharge slide:</i></p> 
Operation temperature	<i>Air cylinder</i> -15°C up to +50°C (Pay attention to ice-formation below +2°C!)	<i>Electrical cylinder</i> -30°C up to +50°C	<i>Hydraulic oil</i> -10 up to +50°C
Signalling	<i>Air cylinder:</i> Both 'open' and 'closed' signalling are possible, with a proximity switch	<i>Electrical cylinder:</i> Both 'open' and 'closed' signalling are possible, with a proximity switch	Continues signalling 4-20 mA
Note	The air-operated slides are provided with a 1-coil control unit, mounted on the air cylinder. This ensures that the slide closes in case of a power failure.	Don't use in a batch process Frequently applied outdoors	The slide is connected to an hydraulic ring circuit, provided with an aggregate with accumulator. The slide will close in case of a power failure.
	<i>Chain conveyor slide:</i> Provides flat bottom in chain conveyor	<i>Chain conveyor slide:</i> Provides flat bottom in chain conveyor	