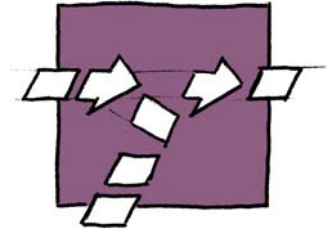


## Clever and precise



TRANSVER Double pullnose conveyor, ball screw type

### N-DS

#### Description of function

The TRANSVER Double pullnose conveyor consists of two opposite pullnose conveyors. Both pullnose sections are connected on a slide. The belt tension remains constant in every position. The belt transition points can be adjusted even with different belt speeds. End rollers with a diameter of 14 mm gently convey even the smallest products over the belt transition points.

This double pullnose belt, ball screw type is specifically designed for batch formation. It meets the most stringent performance and quality demands.

#### Areas of application

Can be used in both the food and non-food sectors for batch formation or closing gaps. Examples include:

- Chocolate, biscuits, confectionery
- Frozen food
- Washing products/detergent industry
- Chemicals/pharmaceuticals/cosmetics

#### Technical data

No. of switching actuations	up to 60 S/min
Row capacity	up to 200 R/min
Take-up speed	up to 90 m/min
Belt speed	up to 90 m/min
Conveyor load	up to 8 kg/m <sup>2</sup>
Noise level	depending on dimensions

Performance data may vary according to application

#### Specifications

##### Belt drive

Each pullnose conveyor has its own drive. The geared motor and the rubberised drive roller are secured on the belt tensioning station as the drive unit. This station allows the conveyor belt to be tensioned centrally, without changing the length of the belt.

##### Lifting drive

A servo motor with brake is used to drive the slide via a precision recirculating ball screw. The slide is guided by linear units.

#### Conveyor belt

- Coated 1- or 2-layer polyester fabric
- Endless welded
- Compatible with foodstuffs (FDA)
- Changing a belt requires approximately 30 minutes (excluding built-on components).

#### Belt tracking unit

The belt tracking units ensures perfect alignment and optimal service life.

#### Supports

- With supports for floor mounting
- Fixed (adjustable  $\pm 30$  mm)

#### Safety

CE manufacturers declaration

#### Finish

- Mild steel, choice of RAL shade
- Stainless steel on request

#### Your benefits

- Favourable price-performance ratio:
  - Fast installation and commissioning
  - Low maintenance costs
  - Easy forming of batches and unlimited choice of batch sizes
- High productivity:
  - Large batch capacity
  - High slide speed
  - High availability due to sturdy design, proven in multishift operation
  - Low maintenance requirement
- Safe and gentle handling of small, fragile products:
  - Adjustable endroller units
  - Minimal belt transition points with  $\varnothing 14$  mm endrollers or knife edges
  - Accurate belt tracking

## Mechanical options

- Belt scraper
- Catch tray
- Knife edge  $\varnothing$  6 mm
- Conveyor connections
- Additional safety guard
- Guides \*
- Driven side guides \*
- Alignment bar \*
- Trunking
- Further options on request

\* See separate leaflet

## Electrical Options

- Servo motor for belt drive
- End limit control
- Position detector (spindle drive) for reference drive
- Disconnecter
- Detector for product position
- Detector for product dimensions
- Increment transmitter
- Emergency stop
- Further options on request

## Dimensions [mm]

Conveyor length t1	<i>min. 6700 mm</i>
Belt width t3	<i>600 to 1400 mm in steps of 50 mm</i>
Total width B1	
t3, 600 to 1050 mm	<i>t3 + 246 mm</i>
t3, 1100 to 1400 mm	<i>t3 + 294 mm</i>
Infeed height t6	<i>600 to 1500 mm</i>
Discharge height t7	<i>600 to 1500 mm</i>
Assembly angle	<i>Standard: horizontal, up to 12°</i>
Stroke X	<i>up to 800 mm</i>
Other dimensions on request	

