# Inspiring technology!



**Straight Conveyor** 

Short and flush

TRANSVER

Short Type TB



# **Description of function**

The TRANSVER Straight Conveyor has a modular structure and is assembled according to your individual requirements. Whether you choose the ceiling suspension or the special head assembly, all components are coordinated with one another to ensure easy servicing and reliability. End rollers with a diameter of 14 mm gently convey even the smallest products over the belt transition points.

This short straight conveyor was developed for use in extremely restricted conditions, and for accelerating individual products to form batches. Even the widest belt of 1400 mm operates reliably with perfect alignment.

## Areas of application

Can be used for a variety of purposes in both the food and non-food industries to provide reliable transportation. Examples include:

- Chocolate, biscuits, confectionery
- Other Food industries
- Beverages (such as bottles, cans)
- Frozen food
- Washing products/detergent industry
- Chemicals/pharmaceuticals/cosmetics
- Mechanical industry

## **Technical data**

Belt speed

Noise level

**Conveyor** load

up to 90 m/min until belt width 1450 mm up to 15 kg/m<sup>2</sup> depending on dimensions

Performance data may vary according to application.

## **Specifications**

#### **Belt 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.

#### Conveyor belt

- Coated 1- or 2-layer polyester fabric
- Endless welded
- Compatible with foodstuffs (FDA/HACCP)
- Changing a belt requires approximately 20 minutes (excluding built-on components)

## Belt tracking unit

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

#### Supports

With supports for floor mounting

- Fixed (adjustable ±30 mm)
- Mobile (on castors)

## Safety

CE manufacturer declaration

#### Finish

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

#### Power unit

Lubricant

Safety class

USDA-H1 food safe IP54

# Your benefits

#### Favourable price-performance ratio

- Extremely short design
- Fast installation and commissioning
- Low maintenance charges

## **High productivity**

- High reliability because of sturdy design, proved for multishift operation
- Low maintenance requested

#### Handling of small, fragile products

- Adjustable end roller units
- Belt conveyor transition points are minimised thanks to end rollers with14 mm diameter
- Belt runs precisely on track

# **Mechanical options**

## Belt scraper

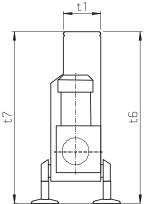
- Catch tray
- Knife edge, radius 3 mm
- Ceiling suspension
- Conveyor connections
- Vakuum type
- Guides\*
- Alignment bar\*
- Trunking
- Further options on request

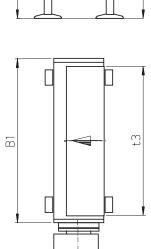
See separate leaflet

# **Electrical options**

- Servo motor for belt drive
- Disconnector
- Increment transmitter
- Emergency stop
- Further options on request

# Dimensions [mm]





Conveyor length t1 Belt width t3

Total width B1 Infeed height t6 Discharge height t7 Other dimensions on request 150, 220, 250 und 300 mm 500 to 1600 mm in steps of 50 mm t3 + 82 mm 690 to 1500 mm 690 to 1500 mm