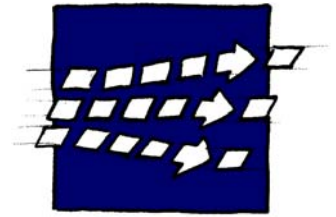


Versatile and optimal



TRANSVER Cassette conveyor system

TK

Description of function

The TRANSVER Cassette conveyor system consists of several cassette belt conveyors arranged next to one another. Each individual conveyor can be additionally fitted with a junction and/or pullnose function. End rollers with a diameter of 16 mm gently convey even the smallest products over the belt transition points.

Because it offers such a large number of variants the Cassette System provides optimal product handling for a wide range of possible applications.

Areas of application

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

- Spreading out longitudinal product rows
- Turning products which arrive transversely
- Sorting out of individual products
- Synchronising product rows
- Depositing of individual products

Technical data

Number of cassette conveyors	2 or more
Belt speed	up to 90 m/min
Conveyor load	up to 8 kg/m ²
Noise level	depending on dimensions

Performance data may vary according to application

Specifications

Belt drive

- Central drive
The rubberised drive rollers for the cassette belt conveyors are driven by a geared motor by a spline shaft.
- Individual drive
For each cassette belt conveyor the rubberised drive roller is driven separately by a geared motor.
- Belt tension
The conveyor belt can be tensioned by moving the deflection roller without changing the belt length.

Conveyor belt

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

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

Your benefits

- Favourable price-performance ratio:
 - Modular design and availability of various options allows easy adaptation to customer needs
 - Compact design
 - Fast installation and commissioning
 - Low maintenance costs
- High productivity:
 - High reliability due to sturdy design, proven in multishift operation
 - Low maintenance requirement
 - Fast and easy changing of cassette belt conveyors
- Safe and gentle handling of small, fragile products due to minimal belt transition points with $\varnothing 16$ mm end rollers
- Can be used for a variety of purposes in area of gentle product handling

Mechanical options

- Tilting function
- Pullnose function
- Belt scraper
- Catch tray
- Knife edge radius 3 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
- Individual drive for each cassette belt conveyer
- Disconnecter
- Metal detector
- Detector for product position
- Detector for product dimensions
- Increment transmitter
- Emergency stop
- Further options on request

Dimensions [mm]

Conveyor length t1	370 to 9140 mm
Belt width t3	30 to 270 mm (Central drive) 50 to 270 mm (Individual drive)
Total width B1	$(n - 1) \text{ conveyors} \times P1 + t3 + 188 \text{ mm}$
Infeed height t6	500 to 1500 mm
Discharge height t7	500 to 1500 mm
Assembly angle	Depending on belt and products
Other dimensions on request	

