Inspiring technology!

ROTZINGER TRANSVER



The Straight Conveyor for Applications where Hygiene counts TRANSVER Wash-Down Straight Conveyor TW

Description of function

TRANSVER Wash-Down Straight Conveyor has been specifically developed to comply with the strict hygiene standards required for the processing and packaging of fresh and frozen foodstuffs. The TRANSVER wash-down conveyor system is completely manufactured from stainless material, seam areas and joints are entirely welded or sealed and its design is suitable for full hosing down with jet water and cleaning agents.

Minimal belt transition points due the use of cylindrical end rollers with diameter of 14mm or knife edges with radius 3 mm allow soft and gentle handling of small products. Belt can be dismantled sidewise within a short time. Due to a modular design and the availability of various options the TRANSVER wash-down conveyor can be easily adapted to customer needs.

Areas of application

Specifically targeted at manufacturing- and processing companies of:

- Meat
- Fish
- Cheese and other dairy products
- Frozen food
- Convenience-Food
- Non-Food goods with most stringent hygiene and wetcleaning requirements

Standard specifications

Belt drive

The drive unit consisting of gear box, motor and drive roller can be mounted on the infeed or discharge section. The conveyor belt can be tensioned centrally without changing the length of the conveyor.

Conveyor belt

- Belt quality according to customer needs
- Endless welded
- Sealed edges (on request)
- Compatible with foodstuffs (FDA/HACCP)
- Changing of belt sidewise

Supports

- Supports for infeed and discharge height of 250-1500 mm
- Sealed profiles

Safety

- CE manufacturer declaration
- Meets standards for increased hygienic requirement

Finish

Frame, supports, end and tensioning rollers and bearings are made of stainless steel (V2A). Seam areas and joints are entirely welded or sealed. Visible surfaces are polished.

IP65 for

Power unit

- Lubricant
- USDA-H1 food safe
- Highest safety class

Technical data

Belt speedbis 90 m/minConveyor loadbis 15 kg/m²Noise levelDepending on dimensions

Performance data may vary according to application

Your benefits

Favourable price-performance ratio

- Simple modular design allows easy adaptation to customer needs
- Low maintenance costs
- Fast installation and commissioning

High productivity

- High reliability due to sturdy design, proven in multishift operation
- Low maintenance requested
- Fast and easy belt changing

Safe and gentle handling of small, fragile products thanks to

- Adjustable end rollers
- Minimal belt transition points with Ø 14 mm cylindrical end rollers and knife edges
- Precise belt tracking

High hygiene standards

- Chassis construction open at the bottom
- Convenient for servicing
- Suitable for for full hosing down with jet water and cleaning agents

Mechanical options

- End rollers Ø 54 mm
- Knife edge, radius 3 mm
- Belt scraper (roller scrapers are included in standard)
- Supports on castors
- Special hygiene supports
- Catch tray
- Conveyor connections
- Mounting rail
- Guides
- Trunking
- Different belt qualities on customer specifications
- Further options on request

Further options on request

Electrical options

- Other drive units
- Frequency converter
- Disconnector

Further options on request

Dimensions [mm]

5,



t1

Conveyor length t1 Belt width t3

Frame width B2 Frame height Infeed height t6 Discharge height t7 installation angle

1'300 to 12'500 mm 200 to 1'400 mm in steps of 50 mm t3 + 60 mm 120 mm 500 to 1500 mm 500 to 1500 mm depending on product- and belt

Other dimensions on request

ROTZINGER AG | Rinaustrasse 30 | CH-4303 Kaiseraugst | SWITZERLAND | Tel +41 61 815 11 11 | www.rotzinger.ch | info@rotzinger.ch TRANSVER AG | Zürcherstrasse 42 | CH-8852 Altendorf | SWITZERLAND | Tel +41 55 451 88 88 | www.transver.com | info@transver.ch