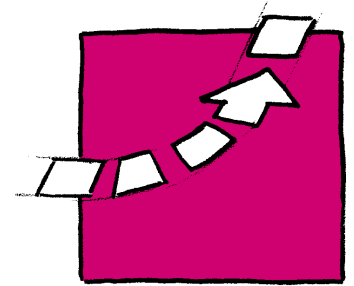


The Belt Bend for Applications where Hygiene counts



TRANSVER Wash-Down Belt Bend

KW

Description of function

TRANSVER Wash-Down Belt Bend has been specifically developed to comply with the strict hygiene standards required by 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. Due to high flexibility in regard to angle, radius and belt width and the compact construction height the TRANSVER wash down belt bend allows a perfect adaptation to the prevailing space situation.

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 wet-cleaning requirements

Technical data

Belt speed	<i>Up to 80 m/min on outer radius</i>
Belt load	<i>Up to 30 kg</i>
Noise level	<i>Depending on dimensions and speed</i>

Performance data may vary according to application

Standard-Specifications

Belt drive

Belt is pulled or pushed via loops by lateral curved chain. The drive unit is located at discharge side. The motor drives the driving shaft of belt carrier chain directly via gear box. This guarantees a slippage-free drive in both running directions.

Conveyor belt

- Belt quality according to customer needs
- Endless welded
- Compatible with foodstuffs (FDA / HACCP)

Enclosure

IP65 / dairy standard

End rollers

Cylindrical end rollers with \varnothing 14 mm

Supports

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

Safety

- CE manufacturer declaration
- Meets standards for increased hygienic requirement

Finish

Frame, supports, rollers, bearings and roller scrapper are made of stainless steel (V2A). The belt carrier chain is nickel plated. Seam areas and joints are entirely welded or sealed. Visible surfaces are polished.

Your benefits

- Favourable price-performance ratio:
 - Simple modular design and flexibility in regard to angle and radius allow easy adaptation to customer needs
 - Low space requirements due to compact construction height
 - Fast installation and commissioning
 - Low maintenance costs
- High productivity:
 - High reliability due to sturdy design, proven in multishift operation
 - Slippage-free drive due to lateral curved chain and loops
 - Low maintenance requirement and easy belt change
- Safe and gentle handling of small, fragile products due to minimal belt transition points \varnothing 14 mm cylindrical end rollers
- Complying with high hygiene standards
- Short delivery time

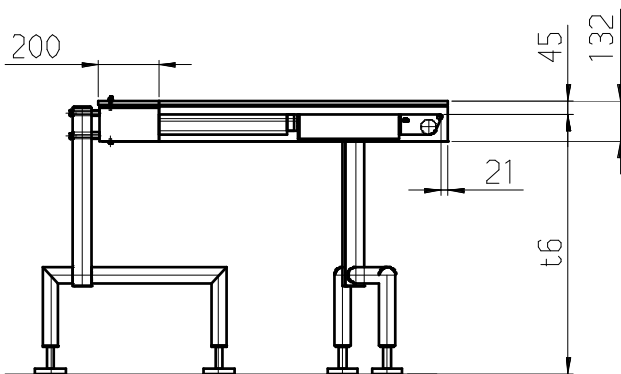
Mechanical options

- End rollers \varnothing 60 mm
- Knife edge, radius 3 mm
- Supports on castors
- Without supports
- Special hygiene supports
- Equipped for suspended mounting
- Catch tray
- Conveyor connections
- Trunking
- Further options on request

Electrical options

- Drive units on customer requirement
- Frequency converter
- Disconnecter
- Further options on request

Dimensions [mm]



Inside radius RI

- *Minimal RI depends on belt width and angle: between 300 and 800 mm*
- *Maximal RI depends on belt width angle and speed: between 1560 and 6690 mm*
- *For optimum operating conditions $RI \geq \frac{1}{2} NB$*

Useable belt width NB

- 200 up to 650 mm in 50 mm segments available
- 50 mm bigger than the belt width of the adjoining components

Bend angle W°

- 45°, 90°, 180°
- Other angles between 30° and 180° available on request

Conveyance height t6 250 to 1500 mm

Running direction

- Clockwise (U)
- Anti-clockwise (G)

Other dimensions on request

