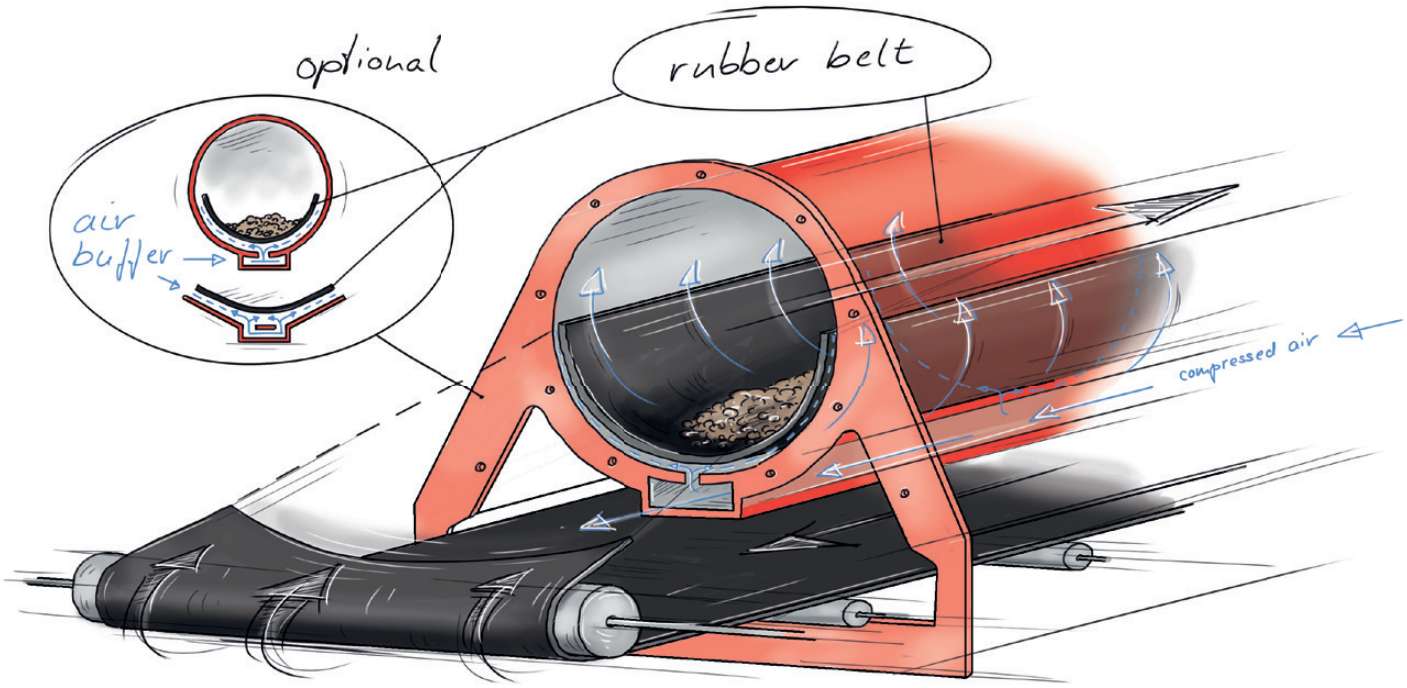
WESTERIA®
FÖRDERTECHNIK
Conveying Systems



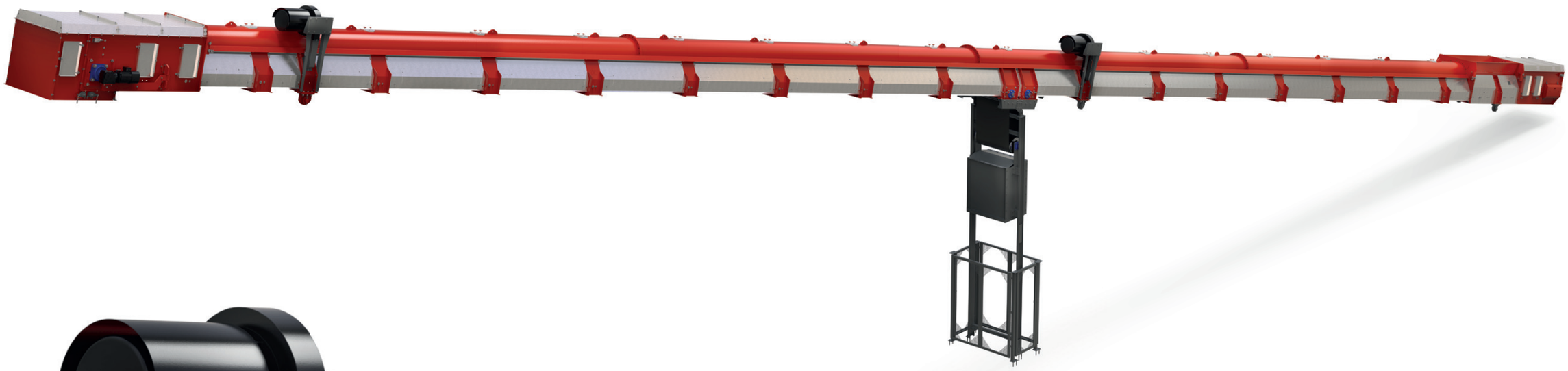
PipeCon®

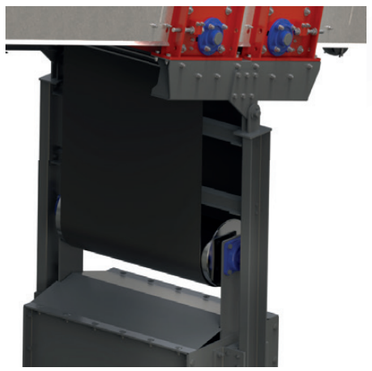
Product description

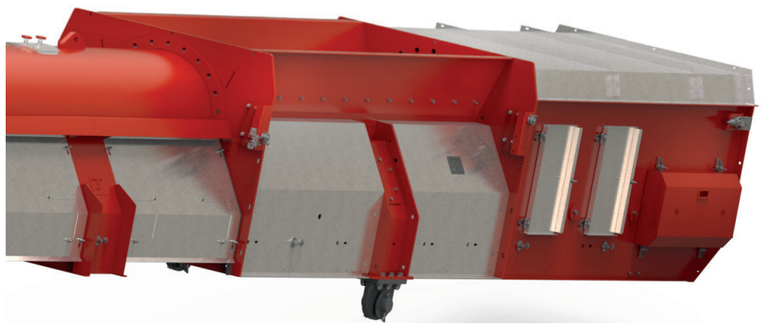
PipeCon®

With its **Pipe**Con®, Westeria® has increased and logically supplemented its product range. The **Pipe**Con® is a conveyor unit for any kind of bulk materials with exactly defined grain sizes and an extremely high conveying capacity up to 500 t/h. In the **Pipe**Con®, where the conveyor belt in the upper run is pneumatically conveying, you find air nozzles every 50 m below the belt, which are fed by a 2.2 kW fan and are thus carrying the belt. This is also the reason why the complete system is very efficient and offers low maintenance, as there is hardly any wear. Due to its construction and special design and with a support distance up to 60 m, big distances can be brigded. The Westeria® **Pipe**Con® is made for various applications, as due to the extremely reliable sealing, there is no gravel leakage. The **Pipe**Con® has proved to be effective in the woodworking and cement industry.

Which kind of feed material do you have? Don't hesitate to contact us, we will show you the appropriate solution.





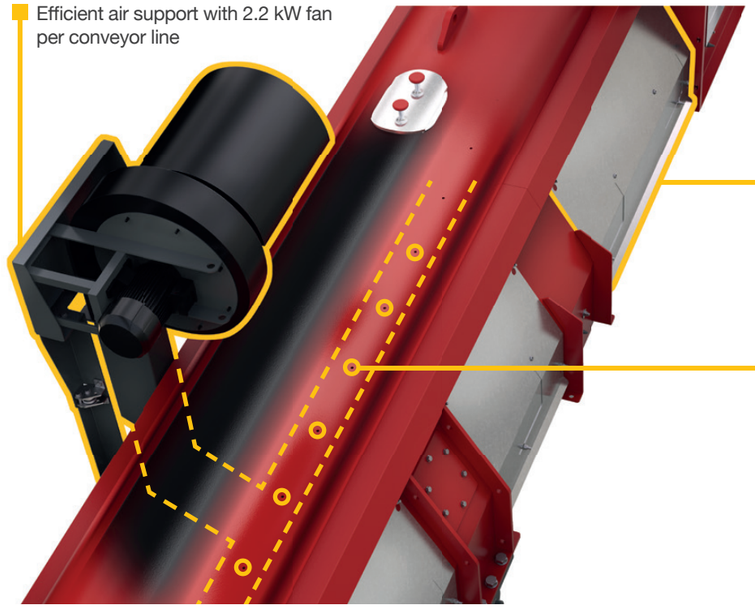


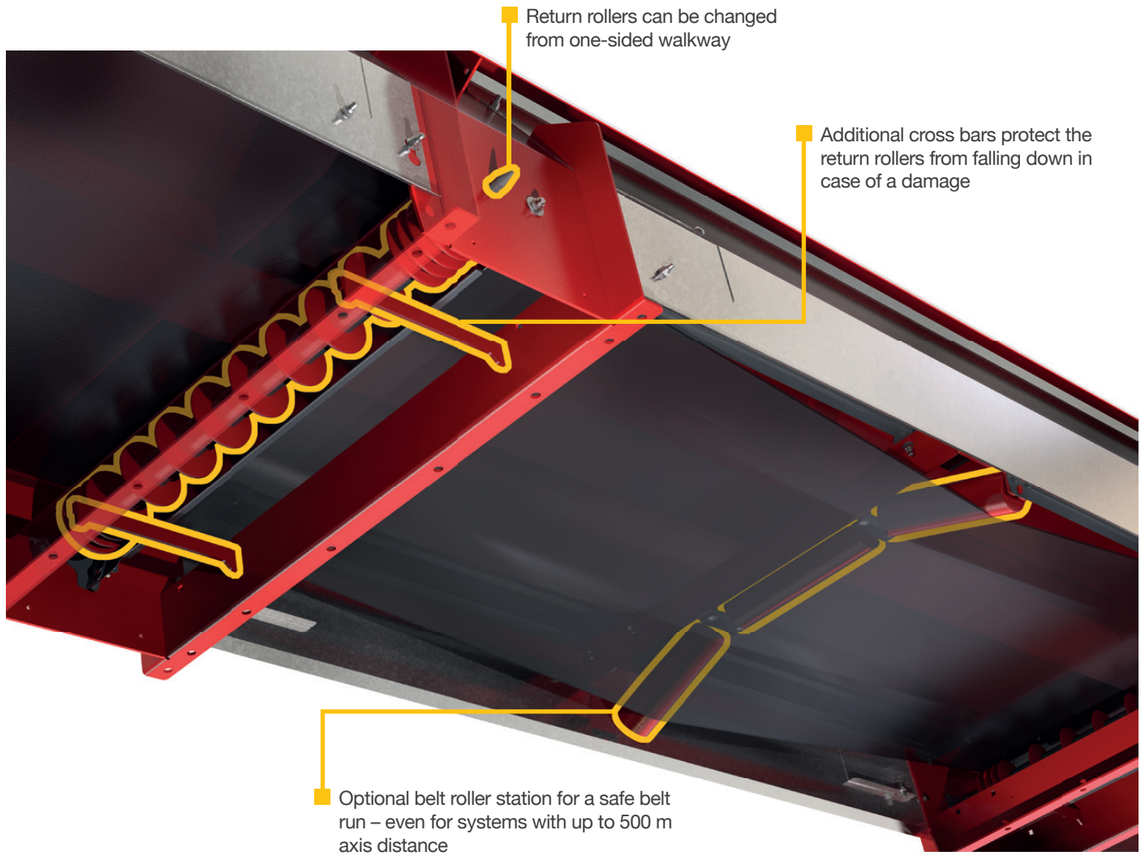
Advantages

- Optimal use for the outdoor area, as due to extremely reliable sealing, there is no gravel leakage
- Low maintenance on the conveyor line, as there are only few movable components in the whole system
- Walkway adaptable at construction, no additional expensive bridge construction
- Walkway at one side permits access to all relevant maintenance areas

- Fast plant planning by 2D- and 3D-planning modules
- Support distance up to 60 m due to robust construction
- Conveying capacity up to 500 t/h, depending upon the feed material
- Walkway can be retrofitted later

- Variable positioning of weight tensioning stations and supports
- Efficient transport by patented Westeria® loading system
- Space-saving Westeria® module system permits efficient container shipment
- High conveying capacity with low energy consumption





Technical data
PipeCon®

1. Frame construction

Belt width:
1000 mm

Diameter pipe:
660 mm

Frame sections:
11800 mm

Helix angle:
up to 20°

2. Conveyors

Rubber conveyor belt:
acc. to DIN 22102

Quality:
Oil and grease resistant / MOR

Type:
Antistatic

Belt width:
1000 mm

3. Drum diameter

Drive station:
400 mm

Tensioning station:
320 mm

4. Fan performance

Fan:
2.2 kW per 50 m conveyor line

5. Weight tensioning station

Variable positioning

6. Supports

PipeCon® **without walkway:**
27 m self-supported lenght

PipeCon® **with walkway:**
21 m self-supported length

Pylon support:
Support height up to 60 m

A-Support:
Support height up to 20 m

7. Maintenance access

Removable covering panels

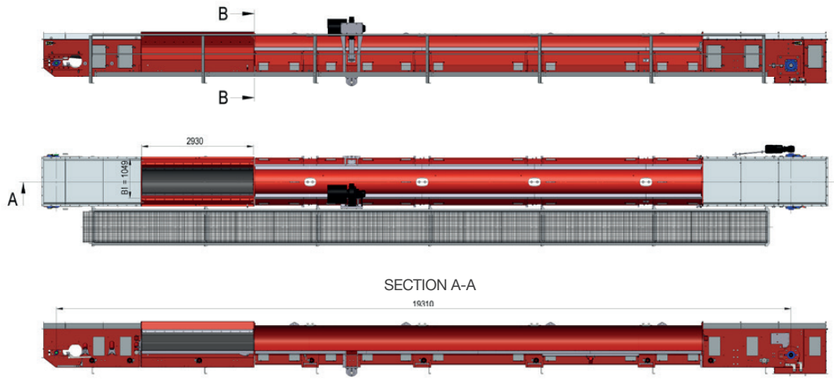
8. Walkway

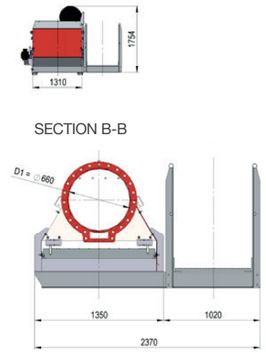
800 mm width

Design with gratings

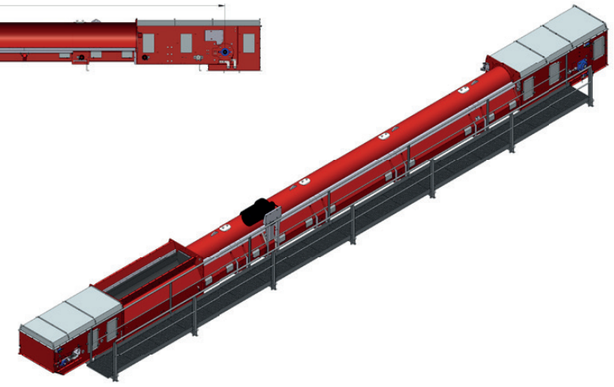
Ferm screwing at conveyor

PipeCon® 1000 with walkway

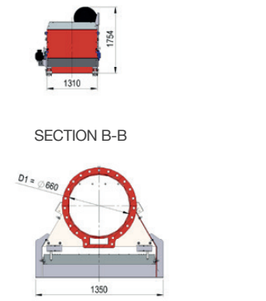




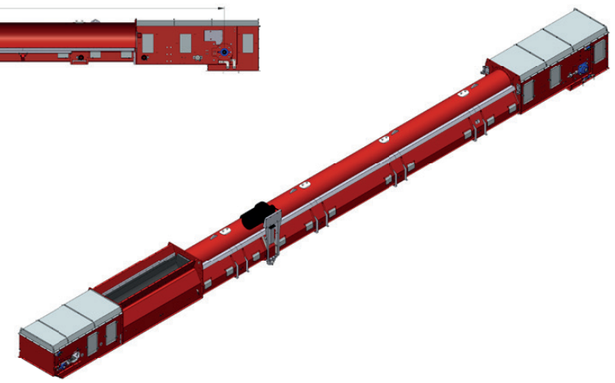
Model	Parameter	**Pipe**Con®
–	Belt width	1000 mm
–	Outer width with walkway	2370 mm
D1	Pipe diameter	660 mm
–	Total height with walkway	1310 mm
–	Support distance with walkway (self-supporting length)	21 m



PipeCon® 1000 without walkway



Model	Parameter	**Pipe**Con®
–	Belt width	1000 mm
–	Outer width	1350 mm
D1	Pipe diameter	660 mm
–	Total heigth	1200 mm
–	Support distance without walk-way (self-supporting length)	27 m



Westeria® conveys values

Production, logistics, recycling – when conveying general loads or bulk material and in case of separating and sorting mixed valuable substances and materials: special solutions are necessary – they have to be economical, solid, lasting, reliable and made for special requirements.

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