

Conveyor Systems

For safe storage and efficient transport of your containers throughout your packaging process

 Available for use in hazardous areas!



RBP ■ TKF ■ RBF ■ RBB



Pallets with transverse bottom boards or single spacer blocks are safely transported on heavy duty carrying chain conveyor. Carrying chain conveyor allow exact positioning of transported material.

■ Carrying chain conveyor that can be lifted and lowered for pallet transfer onto a perpendicularly arranged pallet roller conveyor. Together with sensors and mechanical switches PLC software controls the safe operation of the process

Special Design and Construction

TKF-HS Carrying chain conveyor that can be lifted and lowered for pallet transfer onto a perpendicularly arranged pallet roller conveyor

TKF-DT Rotary table with carrying chain conveyor for transferring a pallet onto a perpendicularly arranged carrying chain conveyor



TKF-Wg Carrying chain conveyor on the scale platform

ÜGK Transfer chain for transferring pallets with transverse bottom board from one carrying chain conveyor onto another

Ü-TKF Bar grating between the carrying chains for walking over the carrying chain conveyor

Carrying Chain Conveyor

- Gross pallet weight up to 2,000 kg
- Supporting structure made of galvanized steel, optionally stainless steel
- Carrying chain (pitch 1") supported by wear-resistant low friction plastic profile
- 2-chain execution for empty pallets
- 3-chain execution for full pallets
- Nominal width 1,200 mm (optionally 1,000 mm or 800 mm)
- Conveyor speed approx. 9 m/min
- Driven by gear motor
- up to 8 pallet places for empty pallets
- up to 4 pallet places for full pallets
- Reversible drive available
- Variable speed drive available

A range of products is available that has particularly been designed to meet your requirements on gravimetric filling of containers from 1 kg to 3,000 kg. You can choose from a variety of semi-automatic and fully automatic filling machines. We can offer complete systems for fully automatic packaging processes through the combination of filling equipment with our conveyor and palletising system. Please contact us for further information:



Container fillers



Drum fillers



Pallet filling robots



Palletising systems

Our Services:



24h hotline: + 49-45 31/89 09-22 2



Teleservice: If required, we are immediately at your disposal via Teleservice. A special feature (optional) of our filling machines allows us to have access to your control system through a modem-to-modem connection. In this way, we can localize malfunction and take appropriate measures for fault rectification.



Spare Parts Services: We guarantee long-term and optimum supply of all required spare and wear parts for your equipment.



Inspection and Maintenance: Regular inspections and maintenance increase the availability of your equipment.



Equipment Optimisation: Your equipment should be adjusted to new fields of application.

- Revamping to latest design
- Revamping to new application
- Extension
- Optimisation of output and availability



Training: Regular training of your operating and maintenance personnel guarantees a high level of efficiency of your equipment. We offer training in our works or directly at your equipment.

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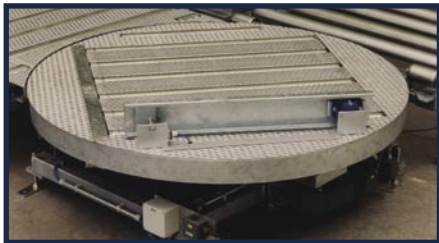
FOE/E/1004

The optimal solution for transport of your pallets, drums, pails or containers arise out of precisely manufactured heavy duty modules. Together with state-of-the art sensors and sophisticated software controls you will receive an intelligent and safe logistic system for your application.



Special Design and Construction

RBP-HS
Pallet roller conveyor that can be lifted and lowered for pallet transfer onto a perpendicularly arranged carrying chain conveyor



RBP-DT
RBP-DT Rotary table with pallet roller conveyor for transferring a pallet onto a perpendicularly arranged pallet roller conveyor



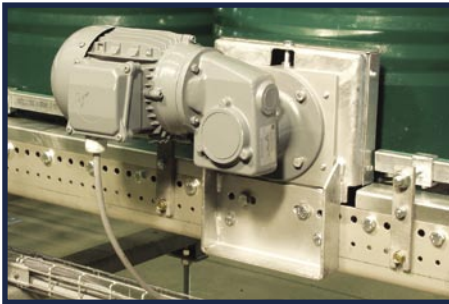
RBP-Wg
RBP-Wg Pallet roller conveyor on the scale platform. Tread plates between rollers for crossing the conveyor

Pallet Roller Conveyor

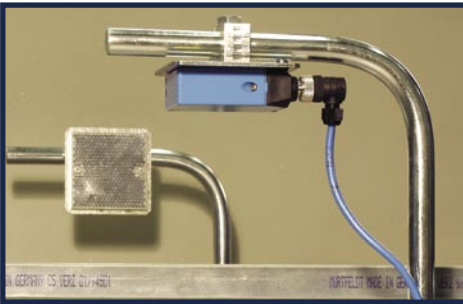
- Pallet weight up to 2,000 kg gross
- Conveyor side frame made of stainless steel
- Rollers Ø 89 mm, galvanized steel, optionally stainless steel
- Roller to roller drive chain ¾"
- Roller pitch approx. 200 mm (other pitch available)
- Nominal width 1,200 (1,000 mm, 800 mm)
- Conveyor speed approx. 9 m/min
- Driven by gear motor
 - up to 8 pallet places for empty pallets
 - up to 4 pallet places for full pallets
- Reversible drive available
- Variable speed drive available
- Non-driven pallet roller conveyor for single pallet place



■ Empty drum in-feed via a dual roller conveyor with guide roller



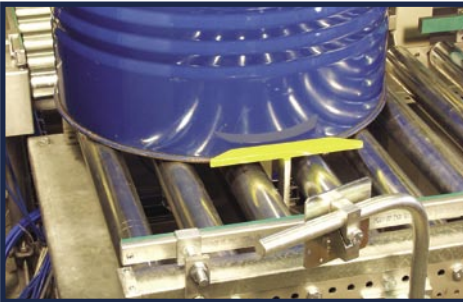
■ Drive station with gear motor



■ Photo-eye with reflector/holder



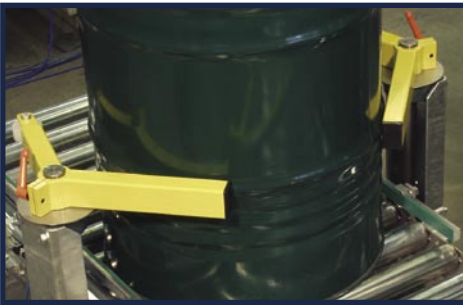
■ Stop dog for stopping or separation



■ Pusher



■ Guide for drum diversion



■ Separator for separating one drum from a row

The sturdy drum roller conveyor are designed for transporting 220l drums. Conveyor side frame is made of stainless steel angle profile. Supports inclinable and adjustable in height by means of jack screw.

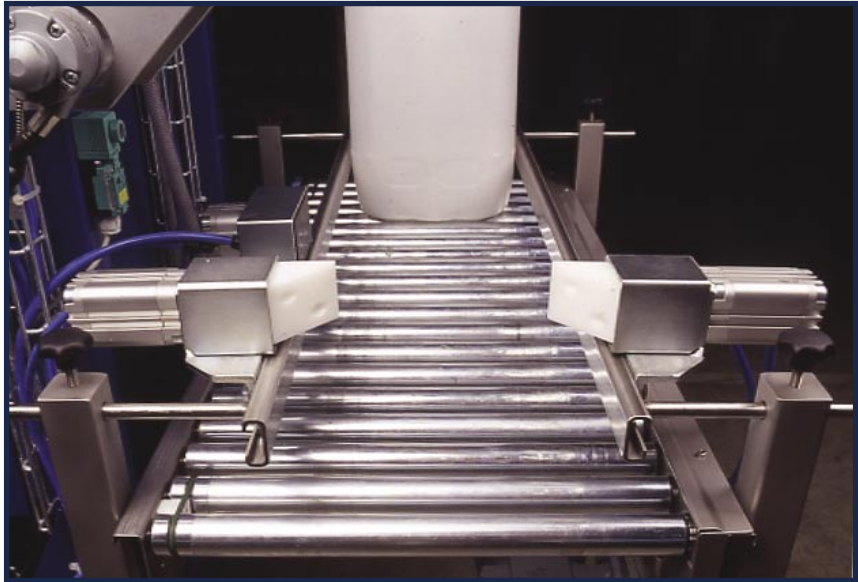


■ Filled drum feeding with pivoting diverter



■ Non-driven drum roller for semi-automatic system

| | Drum Roller Conveyor | | | Container Roller Conveyor | |
|---|--------------------------|-------------------------------|------------------------------|--------------------------------|----------------------------------|
| Type | RBF-f/s-150 | RBF-f/s-100 | RBF-f/s-75 | RBB-f/s-75 | RBB-f-75 |
| Curved Roller Conveyor Type | KRBF-f-150 | KRBF-f-100 | KRBF-f-75 | KRBB-f-75 | |
| Max. allowable load | up to 300 kg | | | up to 150 kg | up to 60 kg |
| Examples of transported container | St-Drum 216,5 l | PE-Drum 210 l St-Drum 60 l | PE-Drum 60 l St-Drum 20 l | PE-Container 60 l Pail 20 l | PE-Container <60 l Pail <20 l |
| Base (Ø/Edge length) | >500 mm | >320 mm | >250 mm | >250 mm | >160 mm |
| Roller pitch | 150 mm | 100 mm | 75 mm | 75 mm | 50 mm |
| Roller, galvanized steel (optionally st. steel) | Ø 60 mm | | | Ø 50 mm | Ø 32 mm |
| Nominal width | 620 mm | | | 400 mm | |
| Precision roller chain | ½" from roller to roller | | | ½" from roller to roller | ¾" tangential |
| Conveyor speed approx. | 9 m/min | | | 9 m/min | |



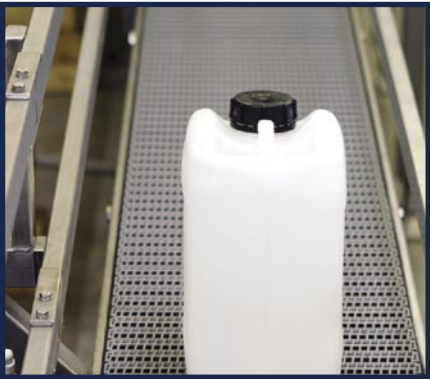
■ Container in-feed or out-feed with stopper for separation



■ Non-driven container roller conveyor for semi-automatic system



■ Exact positioning of a container in cap closing station



■ Band conveyor for container that cannot be transported by roller conveyor

Precision manufactured container roller conveyor are designed for transporting various diameter containers. Conveyor side frame made of stainless steel C-section profile. Supports adjustable in height by means of jack screw.

Driven Roller Conveyor for automatic systems

f = constant speed motor drive
s = drive for accumulation with load dependent friction coupling in each roller. The effective load on rollers is 5% to 7% of the filled drum weight when accumulated.