

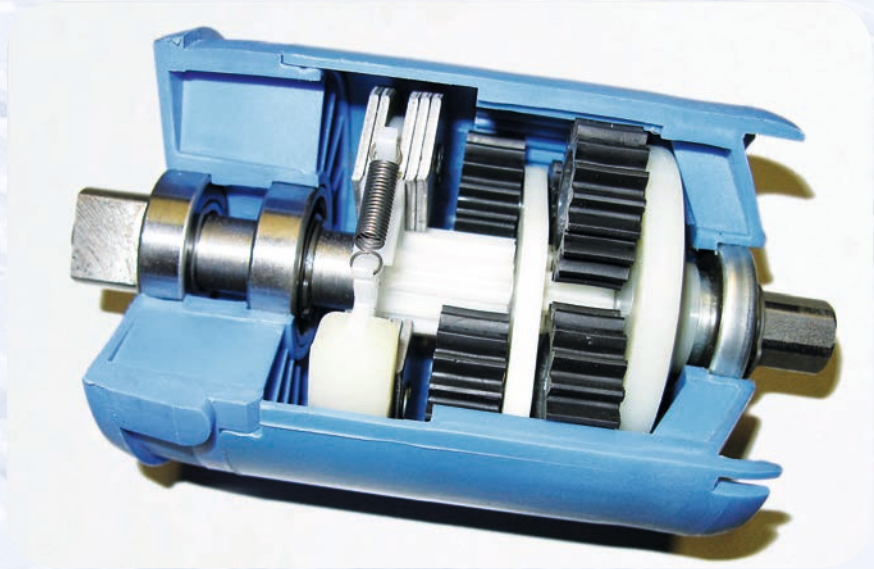


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**WITH US – THINGS START ROLLING .....**

# GRAVITY ROLLER TRACKS

**Going downwards means it goes upwards.**



Euroroll has also got the right speed controls for roller tracks.

The variety of products and goods, which need to be stored, commissioned and transported is nearly unlimited – from small, light, sensitive and compact until large, heavy, robust and bulky – everything is included. The requirements for each customer application is different. To be able to ensure optimum process sequences, our products are in any case individually and exactly attuned to each according need.

We constantly keep on developing our products further: Our slogan is "standing still means going backwards". Therefore we are also known as the trend-setting company for modern and most up-dated gravity roller track systems. A main focus is put on our manifold and variable speed controls; innovative brake rollers and – brake

conveyor rollers, which keep the good conveyed up to its sequence speed. There is no one, who can offer such a comparable spectrum and through this, we are on the international market unique in this field. Our customers rely on our competence as with us things get moving.

After an intense consultation the specialists of our design department calculate and design a solution based on the customer specification. Each solution is tested in terms of a test set-up, simulating the real and actual customer conditions regarding the efficiency and capability. The most modern technique, a large vertical range of manufacture, highly specialised employees and a quality system according to DIN ISO EN 9001 ensures, that our customers receive an optimised conveying and storage system – quickly, flexible and in best quality and reliability.





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Without tilting bar „Flex-Separator“ (manually operated)

All our systems are based on gravity technique. This means the goods are moved on by a defined decline of the roller conveyor, at which the speed controller keeps the sequence speed of the carrier constantly at 0.3 m/s. This means: no drive technique, no need for operating power, low noise level operation, high availability through robust, insensible for disturbances and maintenance-free mechanism and excellent price/performance ratio.

Our products are used as follows:

- Floor roller tracks for the transportation of loading carriers
- Live storage systems (“First in, first out”) used in compact high racks with several levels and channels
- Push-back storage: According to the “First in, last out” principle is being loaded as well as unloaded from one side against the decline

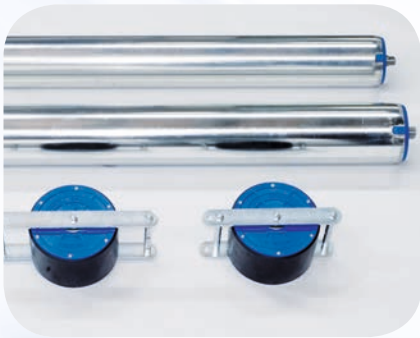
**Fold-away gravity roller track**  
with gas-filled spring device

Because of these basic concepts and according to requirements we are able to plan and produce the most different kind of shelving types and handling systems, equipped with our system components and adjusted to all current carriers - be it Euro pallets and industrial pallets, Euro-boxes or miscellaneous plastic-/steel carriers. Moreover, the carrier transport is optionally in longways direction or in cross batten direction possible.



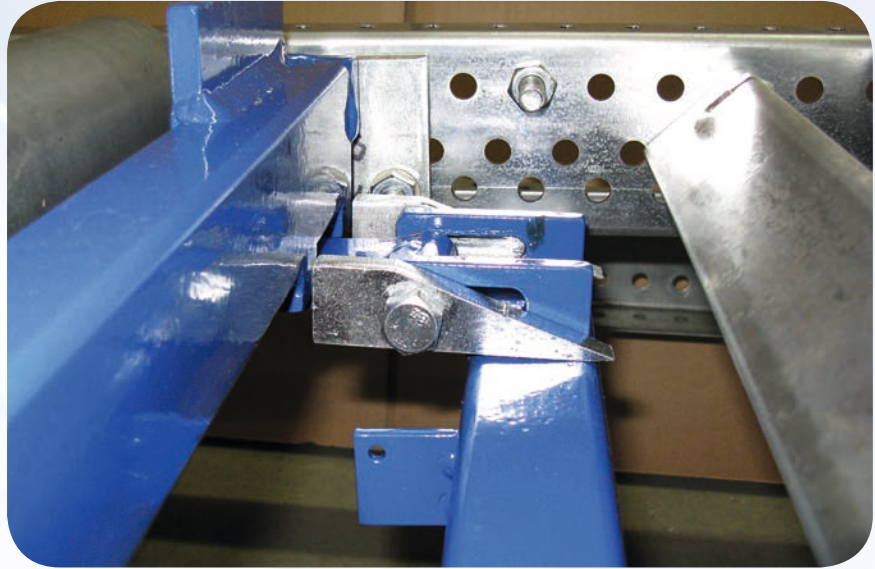
**Innovative right into detail.**

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**Speed controller**

We know exactly what is needed in practice and always develop new proposals to make the daily work easier, safer and more efficient. An example for this are the floor mounted "fold-away" roller tracks. They are often required to make areas accessible i.e. for cleaning, which otherwise would remain blocked. To make the opening and closing of these difficult areas easier for the employees, we have equipped our 2.50 m long "fold-away" tracks underneath with a strong gas-filled spring device. It supports the "fold-away" process with a traction force of approx. 15 kg, so that the employees require less strength.



**Separation device „Flex-Separator“ Detail tilting bar**

A novelty in the field of safety devices is the separation device "Flex-Separator" with tilting bar, which ensures the removing of loading carriers without back pressure through the moving up units. The advantages towards the present methods are: secure separation also for heavily unsteady pallet weights, mixed operation of different pallet lengths on the tracks is possible, high protection against damage and improper handling.

The "Flex-Separator" technique is a new measure for manual commissioning. Here as a rule the separation bar is released by sliding plates ("tilting bar"). By using "Flex-Separator" the foot

and hand operation is carried out without using sliding plates: After manual release, the pallet starts moving on its own and passes the bar, which then engages and the following pallet stops. After removing the pallet and by a new release, the separation can be activated again. No disturbances within the removing area, no damages to the conveyor tracks (forks of the fork lifter) as well as simple and quick removal – these are the obvious advantages of this technique. A further development is translated to the successful "Flex-Separator" principle on roller conveyor tracks. Here a gravity lock bar is connected with a connecting rod and is locked by a tilting bar. This makes an automatic pallet separation possible; alternatively the integration of a manual foot-release is possible.

Also practical is the push-back-angle for the storage of carriers, which are bulky, non-suitable for conveyor tracks. Whatever is required: The storage efficiency raises with our gravity systems.



**Push-Back Angle Frame**

# OUR WHEEL SYSTEMS

This is the way things get moving in stock.



The main principle for an efficient storage and commissioning system is a quick, comfortable and smooth handling of the goods. Since 1982 we ensure, that via our multifunctional, gravity controlled roller systems these requirements are fulfilled. Our product range covers the following requirements:

- **Universal-roller tracks for conveying technique and live storage racks;**
- **Pallet roller tracks in cross batten and lengthwise transportation;**
- **Pallet roller tracks for in store transportation;**
- **Screenstrips in order picking live storage tracks;**
- **Brake rollers / Brake conveyor rollers;**
- **Colli-roller tracks;**
- **Multi-directional tracks;**

- **Pallet roller tracks, safety devices, roller tracks profiles;**
- **Carton flow wheel rails**

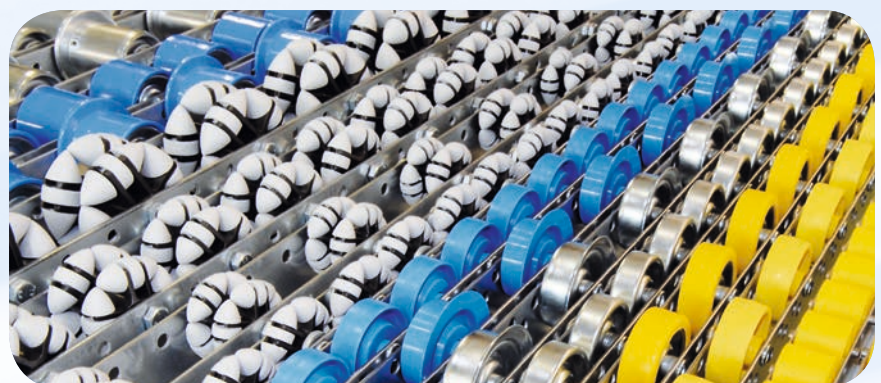
Furthermore we develop and supply complete gravity shelf racking systems such as pallet live storage racks, flow stores, gravity roller tracks or live storage racking for small-sized and medium-sized storages.

Our wheel rail solutions are perfectly for the rationalisation, transportation of boxes and cartons with a weight from up to 16 kg as well for the automation of the storage.

- **Fix-wheel rails with a roller diameter of 28 mm or as mini-version with a roller diameter of 18 mm also available as roller rails with individual measurements;**

- **Autofix-wheel rails, reasonably priced normal rollers, 8 daN (kg) loading;**
- **Superfix-wheel rails, for heavy duty, up to 16 daN (kg) loading**

Transquick-straight wheels sections and bends are ideal as stand-alone conveyor systems for the commissioning, singling, packaging or sorting of goods. Due to the small wheel pitch they are highly recommended for small size packages and/or sensitive goods. A novelty is the light weight roller conveyor "Transfix" with rollers with a diameter of 32 mm and up to 600 mm long rollers. They are mainly used for the transportation of paperboard containers, plastic containers or beverage crates. "Transfix" is applicable for the universal shelving or as stand-alone version/layout.



**Well rounded-off programme:** There are also solutions for light and medium-heavy goods and carriers.

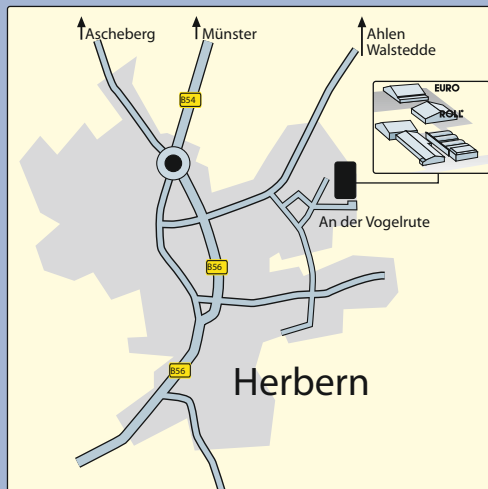
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„Transquick“ - Conveyor track with bend



„Transfix“ light duty conveyor tracks