

Inspiring technology!



PFR (Produktflow Regulation) and buffer

**ACCUFLEX DFR**  
Effectively increases line performance



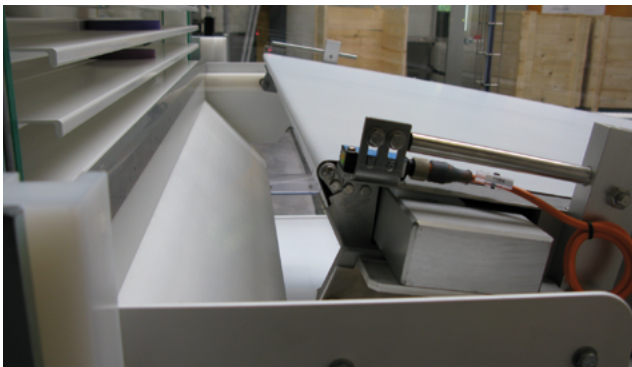
1 Row duplication: For an efficient and low-cost utilization of the buffering capacity. 2 Double output: Simple cleaning through retractable cross feeding conveyor. 3 Gondolas: Chocolate bars on coated shelves

## Scope of application

The ACCUFLEX DFR may be used for both packaged and un-packaged products: Chocolate tablets and bars, fruit and cereal bars, biscuits, bakery products, deep frozen food and many more foodstuffs, luxury food and stimulants, pharmaceutical products and non-food articles. Depending on its position within the line, the DFR adopts various tasks next to simple buffer functions: Regulation of the product flow, cooling or heating of the products, discharge of an oven, feeding packaging legs, synchronization and grouping of products or the transfer of the products to another production level.

## Function principle

The ACCUFLEX DFR functions according to the FIFO principle «First-In – First-Out». Thanks to the yo-yo design, the buffer capacity is variable and the cycle time reduced to a minimum given a low capacity utilization. The gondolas are suspended in parallel chain loops on both sides. Loading/unloading the rows can be executed at different speeds and may be done frontally or laterally. Servo motors ensure a gentle transport. Stabilization functions achieve an excellent output even when handling complex products. The ACCUFLEX DFR is particularly suited for high ceilings and takes up very little floor space.



High performance FSU (pull nose and flip-flop conveyor) with waste rejection

## Customer benefit

By isolating the packaging process from the production, the productivity is enhanced drastically. The use of an ACCUFLEX DFR not only effectively prevents the products from overflowing but also functions as a flexible link between the incoming product flow and the packaging legs to be fed. Irregular incoming rows and speed variations are compensated and the legs are optimally fed. In this way, the packaging equipment is used more efficiently, increasing its packaging output which – on the whole – leads to an improvement in the Overall Equipment Effectiveness (OEE).

Excellent accessibility, hygienic design, de-ionization of the shelves, simple removal of the gondolas etc. help to efficiently and vastly reduce downtime for servicing and cleaning. Due to the modular design, the DFR may perfectly be tailored to the requirements and space available at the customer's site. The operation via a touch screen allows fast access to all important functions.

## Performance data

<b>Product dimensions</b>	Length: 30 - 300 mm
	Height: 5 - 60 mm
<b>Buffer capacity</b>	up to 2'000 rows
<b>PFR overall height</b>	10'000 mm
<b>Loading capacity</b>	up to 150 R/min (from the front)
<b>Unloading capacity</b>	up to 120 R/min, single, twin or triple exit
<b>Shelf width</b>	up to 2600 mm

## Produkte Fokus

- Ease of Use
- Powerful Solutions
- High Effectiveness
- Low Total Cost of Ownership