

General

For the **distribution** of different products on **several lanes** or the **rejection on parallel or perpendicular arranged conveyors** extreme powerful and sturdy feeding systems are in demand.

The rejection system GAS - Quadruplex was designed specially for this purpose, since it achieves a **performance** of **up to 8,500 units per hour** in the sorting process and has a high durability due to qualitative processing.

Products with different sizes and variable weights are rejected by a divider precise and gentle on an appropriate conveyor or the products are distributed onto several lanes. In both cases the products can be transported short or long side leading.

The pack - rejection system has a compact form with minimum space requirements and can be retrofitted during operation.

Function

The **GAS - Quadruplex** consists of a turning mechanism with four transfer units that rotate repeatedly in one direction. The system is moving above the conveyor but is installed next to the conveyor.

In the functional sequence, a product located on a moving conveyor is captured laterally by one transfer unit and by the rotational movement the product is pushed onto a particular conveyor or distributed on a desired lane.

After a quarter rotation, the process is completed and a new transfer unit is available for the next execution.

The staggered installation of the rejection system leads to a longer accompanying and a stabilization of the product on the conveyor.

Your benefits

- very high output increases your product efficiency
- precise rejection of the products
- adjustable to different product sizes
- energy-efficient thanks to a single drive
- low-maintenance and wear-resistant construction
- durable despite permanent operation
- minimum space requirement
- quick assembly and commissioning

Output

- ▶ up to 8,500 packs / h

