



Requirements and solutions

Great demands are made on conveyors for non-returnable packs. This is partly attributable to the wide range and combinations of different types of packaging to be processed, such as cartons, trays, and film-wrapped packs in various shapes and sizes, and also to the requirements of the machines interconnected by the conveyors, and not least the amount of space available at the customer's plant. In order to meet all of these requirements, KHS has developed a standardized conveyor whose modular design can be individually tailored to cater for the customer's specific needs. Depending on the type and size of the packaging, a choice can be made between straight or curved mat chain or roller conveyors. A selection of handling tools, such as distributor and ejector systems, and incline conveyors and turners, rounds off the system.

Key Features

- All segments are made of stainless steel or rustproof materials, guaranteeing hygiene and a long service life
- Curved mat chains made of low-wear plastic are the ideal means of conveyance for curved conveyors
- Accumulation roller mat chains made of durable plastic handle products accumulating on the conveyors gently
- Conveyor rollers are made of stainless steel, galvanized steel, or low-wear plastic
- Guide railings made of stainless steel, coated grade III steel (Teflon), and rollers provide optimum protection against damage of the conveyed goods
- Specially designed transition points ensure that packs do not jam in transfer areas
- Innovative product flow and tracking systems form the basis for high efficiency and availability of all KHS Innoline conveying systems

Standard Equipment

- All mat chain conveyors are equipped with frequency-controlled drives
- All conveyor segments have guide railings
- Permanently lubricated roller bearings





Benifits

- The consistent modular design guarantees flexibility and a reduction in the assortment of parts needed
- Differential-speed mat chain turners enable contact-free, gentle, and low-noise turning of packs
- Line distribution systems with cog belts ensure consistent and practically maintenance-free operation



Service
<ul style="list-style-type: none"> · Worldwide service · Customized design of non-returnable conveying systems · Complete systems · Commissioning · Training courses
Options
<ul style="list-style-type: none"> · Roller conveyors with frequency-controlled drives · Automatic railing adjustment · Easy Clean design

Technical Datas
Conveying height
min. 500 mm
Conveying width
255–1,020 mm
Conveying segment length
max. 6,800 mm
Angle of slope/inclination
max. 20°