Chain Conveyor
Chain conveyor MNKA.
Efficient product flow.

Application
For conveying dry and floury, fine-grained and coarse-grained products.

Design
- Straightforward design
- Completely enclosed casing
- No product residues in the drive and return units
- All elements have been optimized to prevent product residues
- Low operating power requirement
- All elements made of materials safe for food applications

Operational reliability
- Sensor for detecting product back-ups in the drive unit
- Sensor for detecting zero chain speed at the return shaft
- Switches indicating end of take-up
- All moving parts completely enclosed

Additional elements
- Cleaning flights for additional clearing for material changes
- Scoops or intermediate bottom for return of carry-over materials
- Dosing elements for different requirements
- Receiving hoppers
- Outlet hoppers with angles of 35° and 55°
- Bent casing sections with angles up to 15°
- Inspection windows
Drive and return shafts
- Hardened drive sprockets
- Easy-to-exchange sprocket segments inside the conveyor

Drive
- Mounted directly onto drive shaft with torque support and shrink disc
- Can be installed on either side

Conveying chain
- Hardened steel chain with high tensile strength
- Round links with short pitch ensure smooth running
- Plastic flights with optimized geometry and steel reinforcements

Fastening elements
- Suspension or support
- Adjustable angles
- Covers and bottoms can be removed whenever required

Outlet gates
- Can be installed in any position
- Clean, tight, no product residues
- Good discharge
- Pneumatic, manual or electric operation of gates

Automatic chain tensioning
- Chain take-up integrated in the return unit
- Chain is always tensioned
- Chain wear is automatically compensated
- No retensioning requirement

Loadout conveyor, movable, reversible
- Continuous travel
- Dust-tight
- Long loadout range thanks to reversible operation with outlets at both ends
Chain conveyor MNKA.
High operational reliability.

- reliable
- tight
- top sanitation
- quiet running
- easy maintenance
Chain conveyor MNKA.
Custom-made solutions.

Conveyor selection
Determining the design version and the optimal conveying velocity requires accurate knowledge of the properties and the conveying characteristics of the product handled.

The following table shows approximate values for maximum throughput rates for products with different conveying characteristics.

For the specific selection and determination of all values, please contact the sales and engineering departments.

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Dimensions (mm)

Design versions

- Bin discharge conveyor, with controlled discharge rate
- Loadout conveyor, movable, reversible
- Product discharge from receiving hoppers
- Sloped conveyor, angle up to 15°
- Distribution conveyor, with controlled feed rate