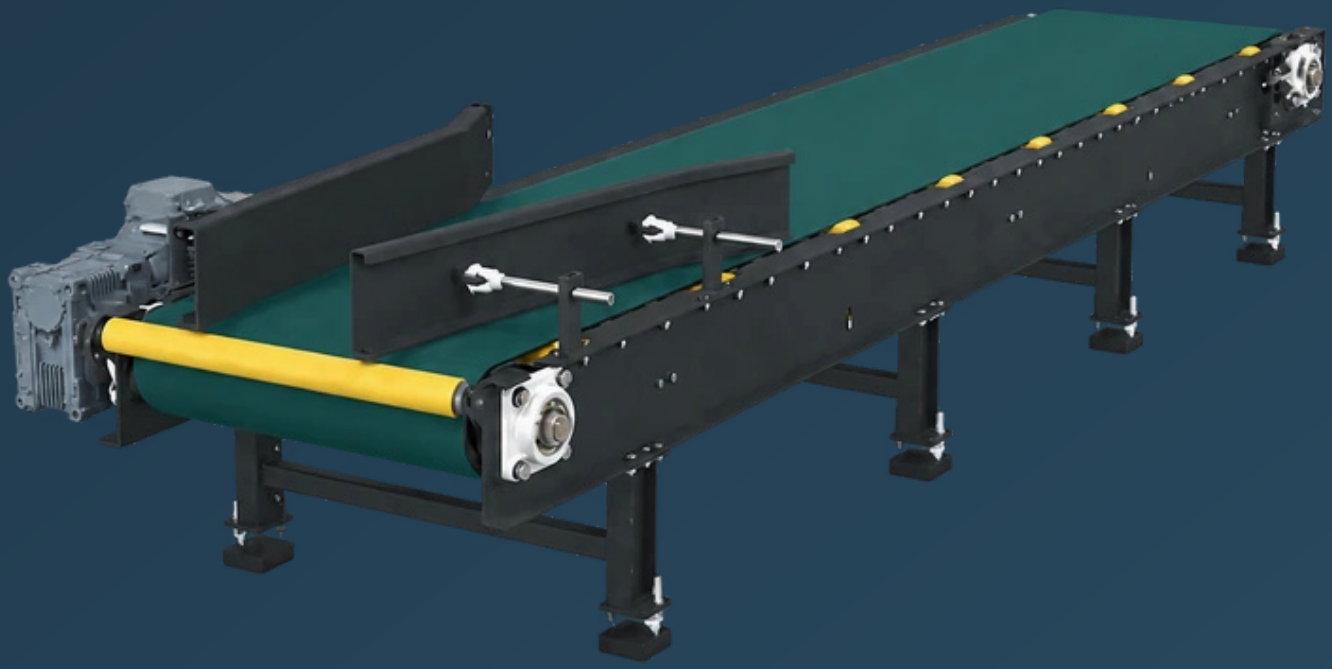
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Belt Conveyors



Conveying, flattening, vibration, weighing and rejection: the right conveyor for each task between filling and palletizing.

APPLICATIONS

Bagged product lines · Post-filling inspection · Palletizing preparation

Products and pages

Product families, operating principles and technical selection data. Click a product name to open its section.

01 Bag Conveyor 03

02 Bag Flattening Conveyor 06

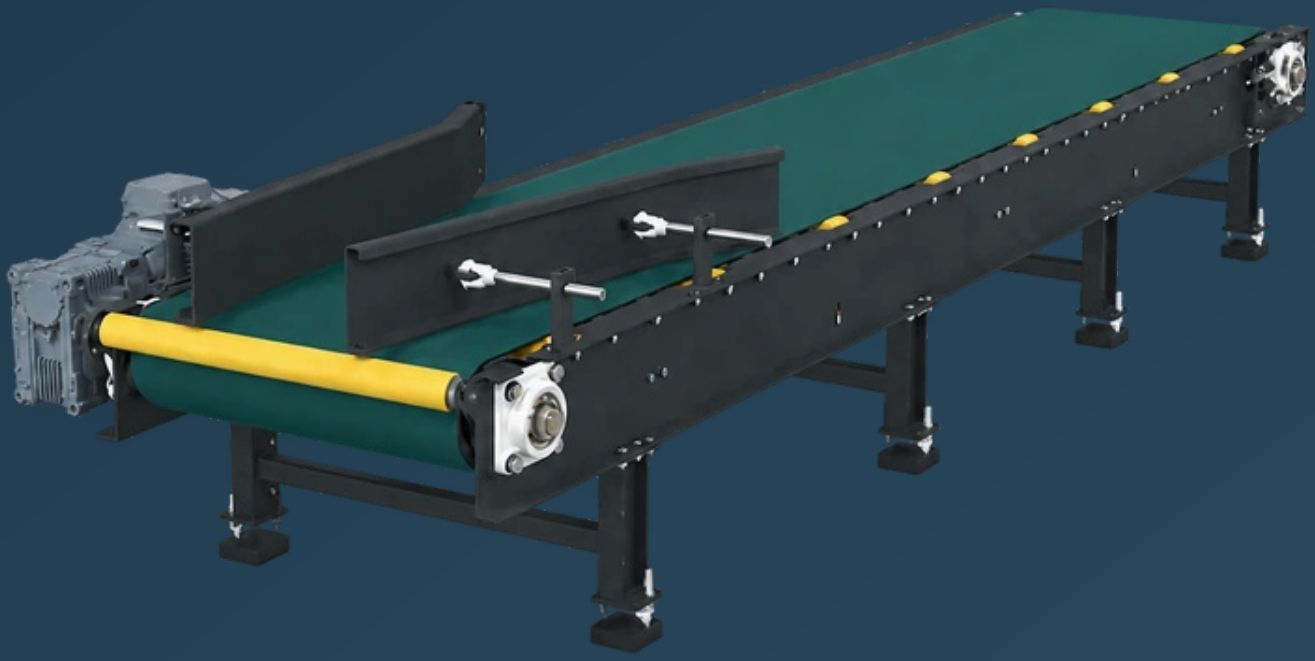
03 Vibrating Conveyor 09

04 Weighing Conveyor 12

05 Reject Conveyor 15

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Bag Conveyor



Transfers filled bags from the filling line to weighing, inspection or palletizing stations in a controlled flow.

APPLICATIONS

Bagged product lines · Post-filling inspection · Palletizing preparation

Operation and maintenance.

Transfers filled bags from the filling line to weighing, inspection or palletizing stations in a controlled flow.

01

Define the product

Bag dimensions, weight and product behaviour are the starting point for selection.

02

Plan the flow

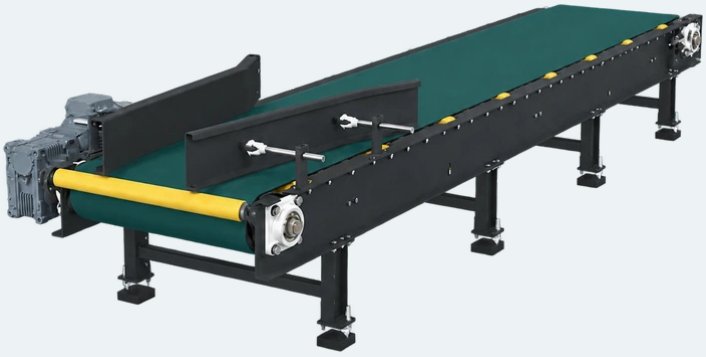
Assess inlet, outlet and transfer points with the other equipment.

03

Coordinate control

Match the conveyor task to line speed and automation requirements.

MACHINE DETAILS



01 Belt width matched to bag dimensions

02 Drive matched to line speed

03 Length and height suited to the layout

Line integration

Belt width, conveyor length, height, drive and control options are determined by bag properties and line layout. This catalogue does not specify fixed dimensions or a guaranteed capacity.

Selection for your line.

Transfers filled bags from the filling line to weighing, inspection or palletizing stations in a controlled flow.

Selection input	Information assessed together
Bag	Bag type, dimensions, weight and surface properties.
Product	Product behaviour inside the bag and bag shape stability.
Line capacity	Bags per hour, line speed and operating pattern.
Layout	Inlet and outlet heights, available space and transfer points.
Control	Signal coordination with filling, weighing, rejection and palletizing equipment.
Maintenance	Access areas, cleaning and periodic inspection requirements.

Selection notes

Belt width, conveyor length, height, drive and control options are determined by bag properties and line layout. This catalogue does not specify fixed dimensions or a guaranteed capacity.

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Bag Flattening Conveyor



Shapes the bag after filling to prepare a more even and stable package for palletizing.

APPLICATIONS

Bagged product lines · Post-filling inspection · Palletizing preparation

Operation and maintenance.

Shapes the bag after filling to prepare a more even and stable package for palletizing.

01

Define the product

Bag dimensions, weight and product behaviour are the starting point for selection.

02

Plan the flow

Assess inlet, outlet and transfer points with the other equipment.

03

Coordinate control

Match the conveyor task to line speed and automation requirements.

MACHINE DETAILS



01 Adjustment to bag dimensions

02 Adjustable pressing mechanism

03 Synchronized with filling and palletizing lines

Line integration

Belt width, conveyor length, height, drive and control options are determined by bag properties and line layout. This catalogue does not specify fixed dimensions or a guaranteed capacity.

Selection for your line.

Shapes the bag after filling to prepare a more even and stable package for palletizing.

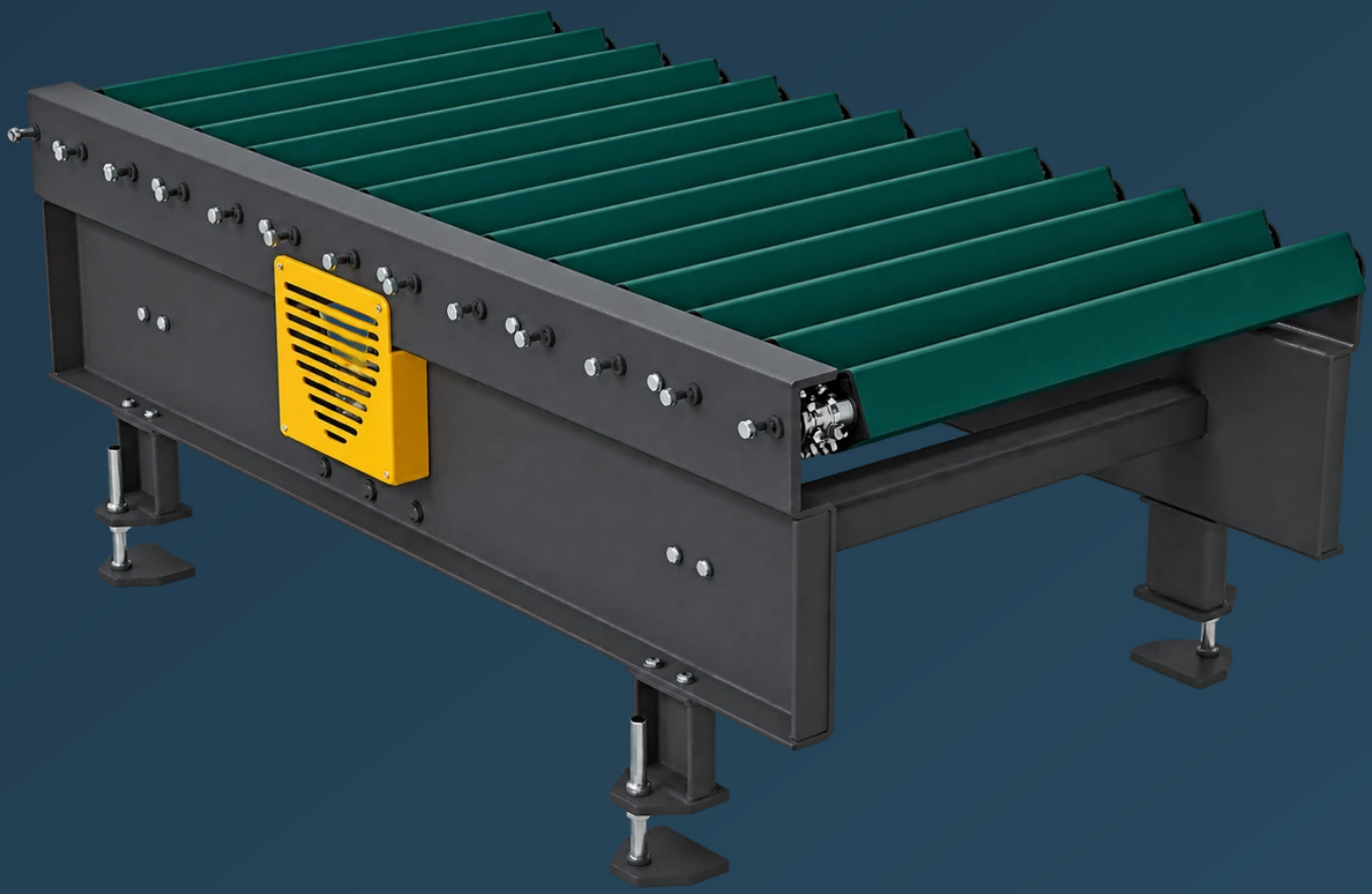
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Product	Product behaviour inside the bag and bag shape stability.
Line capacity	Bags per hour, line speed and operating pattern.
Layout	Inlet and outlet heights, available space and transfer points.
Control	Signal coordination with filling, weighing, rejection and palletizing equipment.
Maintenance	Access areas, cleaning and periodic inspection requirements.

Selection notes

Belt width, conveyor length, height, drive and control options are determined by bag properties and line layout. This catalogue does not specify fixed dimensions or a guaranteed capacity.

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Vibrating Conveyor



Uses the motion generated by square rollers to help distribute and settle material inside the bag.

APPLICATIONS

Bagged product lines · Post-filling inspection · Palletizing preparation

Operation and maintenance.

Uses the motion generated by square rollers to help distribute and settle material inside the bag.

01

Define the product

Bag dimensions, weight and product behaviour are the starting point for selection.

02

Plan the flow

Assess inlet, outlet and transfer points with the other equipment.

03

Coordinate control

Match the conveyor task to line speed and automation requirements.

MACHINE DETAILS



01 Square roller system

02 Vibration adjustment to suit the product

03 Bag stabilization before palletizing

Line integration

Belt width, conveyor length, height, drive and control options are determined by bag properties and line layout. This catalogue does not specify fixed dimensions or a guaranteed capacity.

Selection for your line.

Uses the motion generated by square rollers to help distribute and settle material inside the bag.

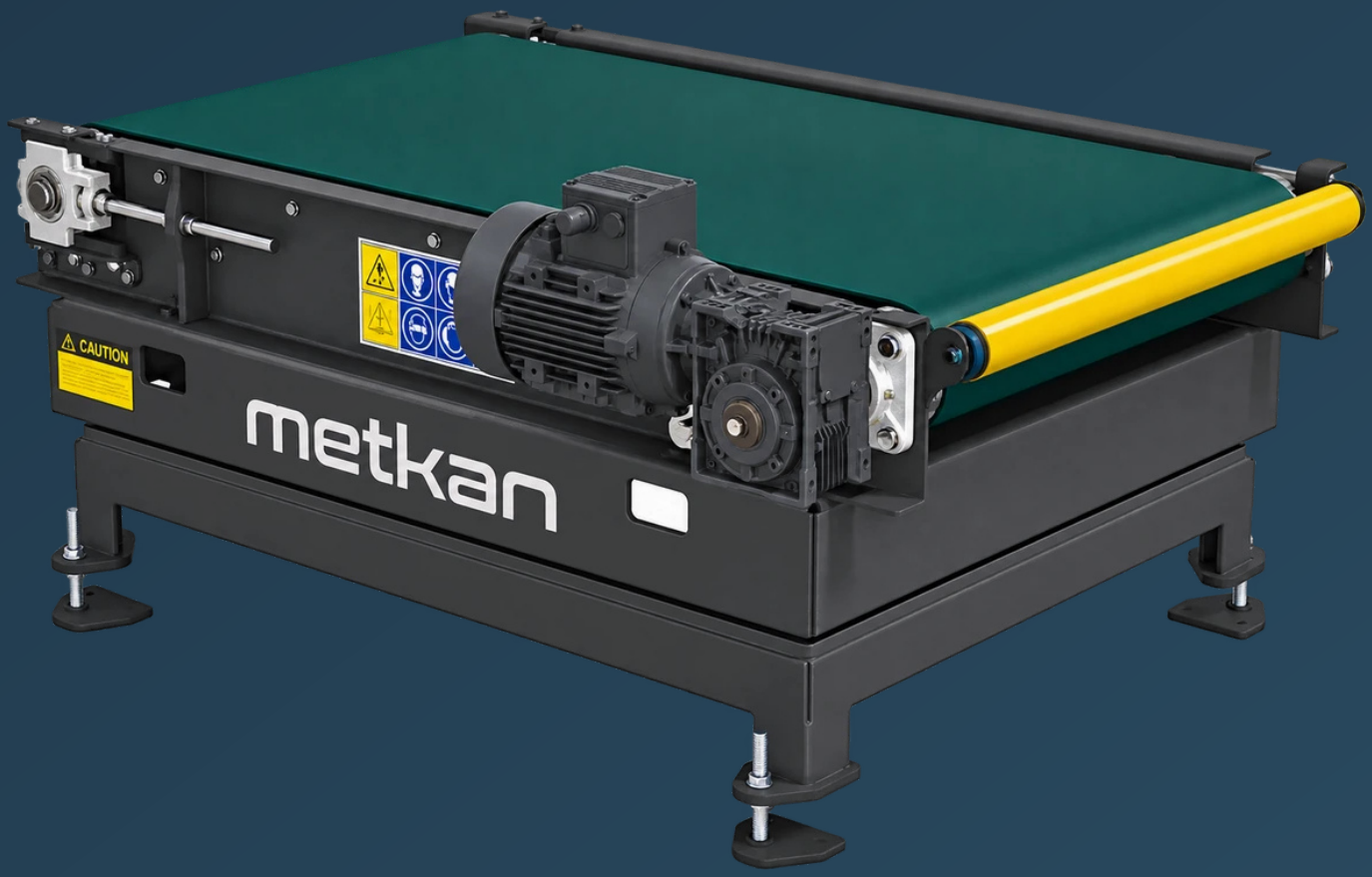
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Bag	Bag type, dimensions, weight and surface properties.
Product	Product behaviour inside the bag and bag shape stability.
Line capacity	Bags per hour, line speed and operating pattern.
Layout	Inlet and outlet heights, available space and transfer points.
Control	Signal coordination with filling, weighing, rejection and palletizing equipment.
Maintenance	Access areas, cleaning and periodic inspection requirements.

Selection notes

Belt width, conveyor length, height, drive and control options are determined by bag properties and line layout. This catalogue does not specify fixed dimensions or a guaranteed capacity.

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Weighing Conveyor



Checks bag weight after filling. The measurement is used by the line control and rejection system.

APPLICATIONS

Bagged product lines · Post-filling inspection · Palletizing preparation

Operation and maintenance.

Checks bag weight after filling. The measurement is used by the line control and rejection system.

01

Define the product

Bag dimensions, weight and product behaviour are the starting point for selection.

02

Plan the flow

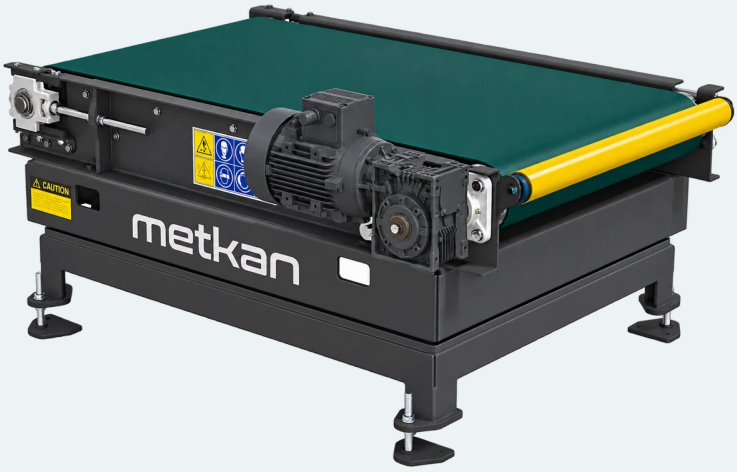
Assess inlet, outlet and transfer points with the other equipment.

03

Coordinate control

Match the conveyor task to line speed and automation requirements.

MACHINE DETAILS



01 Weight checking with load cells

02 Data exchange with the control system

03 Designed for calibration

Line integration

Belt width, conveyor length, height, drive and control options are determined by bag properties and line layout. This catalogue does not specify fixed dimensions or a guaranteed capacity.

Selection for your line.

Checks bag weight after filling. The measurement is used by the line control and rejection system.

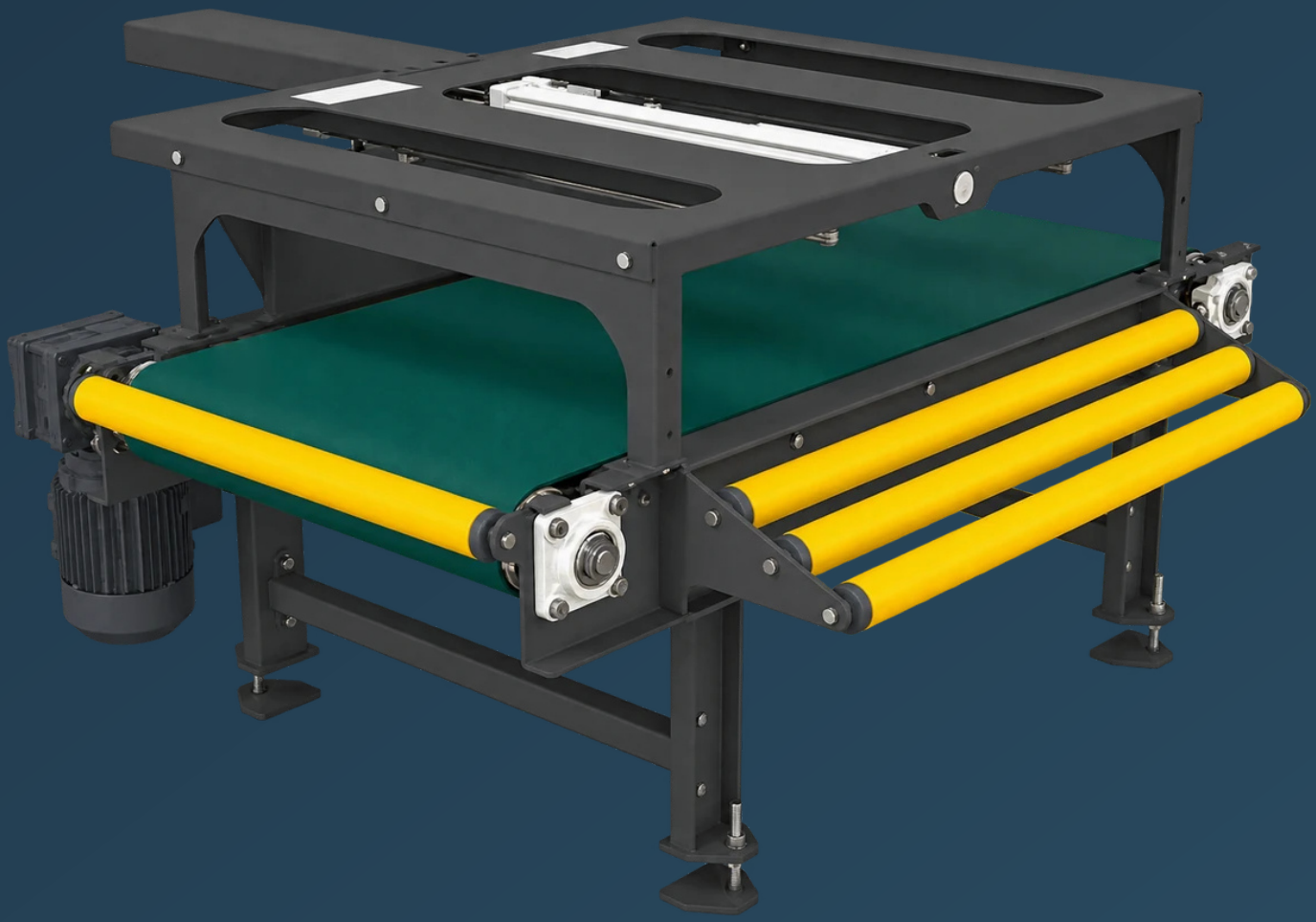
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Line capacity	Bags per hour, line speed and operating pattern.
Layout	Inlet and outlet heights, available space and transfer points.
Control	Signal coordination with filling, weighing, rejection and palletizing equipment.
Maintenance	Access areas, cleaning and periodic inspection requirements.

Selection notes

Belt width, conveyor length, height, drive and control options are determined by bag properties and line layout. This catalogue does not specify fixed dimensions or a guaranteed capacity.

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Reject Conveyor



Diverts bags that fail weight or quality checks away from the main production flow.

APPLICATIONS

Bagged product lines · Post-filling inspection · Palletizing preparation

Operation and maintenance.

Diverts bags that fail weight or quality checks away from the main production flow.

01

Define the product

Bag dimensions, weight and product behaviour are the starting point for selection.

02

Plan the flow

Assess inlet, outlet and transfer points with the other equipment.

03

Coordinate control

Match the conveyor task to line speed and automation requirements.

MACHINE DETAILS



01 Rejection triggered by a control signal

02 Pneumatic or mechanical mechanism to suit the application

03 Synchronized with the weighing conveyor

Line integration

Belt width, conveyor length, height, drive and control options are determined by bag properties and line layout. This catalogue does not specify fixed dimensions or a guaranteed capacity.

Selection for your line.

Diverts bags that fail weight or quality checks away from the main production flow.

Selection input	Information assessed together
Bag	Bag type, dimensions, weight and surface properties.
Product	Product behaviour inside the bag and bag shape stability.
Line capacity	Bags per hour, line speed and operating pattern.
Layout	Inlet and outlet heights, available space and transfer points.
Control	Signal coordination with filling, weighing, rejection and palletizing equipment.
Maintenance	Access areas, cleaning and periodic inspection requirements.

Selection notes

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From machine to plant. Engineering in every detail.

Metkan develops machinery and plant solutions for construction chemicals, minerals and aggregates. At our manufacturing centre in Elbistan, we consider equipment together with feeding, conveying and production flow.

Four inputs for selection

01 **Material and product**

Material properties; for bagged products, bag type, dimensions and weight.

02 **Process target**

Inlet conditions, required product and the next production stage.

03 **Production target**

Target hourly capacity, operating hours and production pattern.

04 **Installation**

Inlet/outlet levels, connections, drive and maintenance access.

Projects and sales

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Manufacturing centre

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Catalogue data support preliminary selection. Final capacity, power, dimensions and supply scope are defined in the technical quotation. Images represent the product family; configurations may vary.