



SORTER DESTINATIONS



DFT – Dürkopp Fördertechnik GmbH is a global leader in highly automated sorting systems for hanging and flat goods. With strong focus on e-commerce and the fashion and retail industries, DFT delivers customized solutions in intralogistics. The company, located in Bielefeld (Germany) and currently employing more than 500 people, was founded in 1954 as a division of the Bielefeld based Dürkoppwerke. Since the spin-off as an independent company in 1995 and the acquisition by the KNAPP Group in 2010, DFT has established itself with high-quality overhead conveyor technology and sorting solutions and as a leading supplier in the fashion industry.

DFT provides integrated solutions and services for industries such as fashion, retail, pharmaceuticals and electronics. The innovations include the AutoPocket®, a hanging transport bag with automatic opening and closing functions, and a portfolio of flat-good sorters developed based on customer requirements. With a strong sustainability and customer centric focus, DFT is committed to long-term customer relationships and the highest quality in intralogistics.

120+ Brands: Over 120 well-known brands worldwide trust in the technology and expertise of DFT to manage their logistical challenges.

340+ Distribution Centers: DFT has successfully established more than 340 distribution centers worldwide, supporting the efficient warehouse and shipping logistics of its customers.

Fields of activity

- Intralogistics
- Logistics automation
- Sequencing and sorting systems for warehouse logistics
- Shipping sorting for e-commerce and store delivery
- Returns management

Industries

- Fashion
- Retail
- Wholesale
- Pharmaceuticals/cosmetics
- Postal and parcel services
- Electronics



Full power through the ideal destination point

Automated sorting systems play a central role in modern material flow systems in intralogistics. They are used to sort packages, ordered items, or production materials efficiently and reliably and distribute them to various destinations.

Our DFT Sorter solutions ensure smooth and fast handling of your logistics processes and are designed to meet the requirements of retail and e-commerce fulfillment, the pharmaceutical industry, the parcel and postal industry, and other industries.

A process-oriented solution to your challenges, in which our sorters can demonstrate their full performance capabilities, can only be achieved in conjunction with the appropriate targets. These can be adapted to your product range and configured accordingly. In addition to the type of products to be sorted, the adjacent process steps involved in sorting are also of crucial importance. Destination points not only enable handover to automated transport, but also further manual processing of the sorted containers, polybags, cartons, or containers. Our portfolio includes destination points with different surface finishes, variable storage capacities, and designs for various destination containers, tailored to your specific requirements. The following pages provide an overview of which destination points can be combined with which sorting technologies.

AutoPocket® 6

Cross Belt 8

Push Tray 10

Split Tray 12



LONG-LASTING

GENTLE HANDLING

CONFIGURABLE



Direct Drop



Large container terminal



Chute



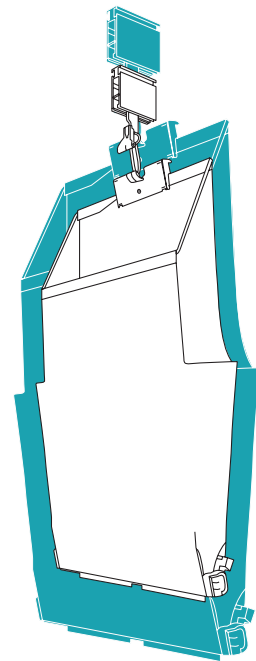
SoftDrop Workstation

AutoPocket®

Smooth transition to person and machine

DFT's innovative AutoPocket® system automates sorting and sequencing processes for a wide range of applications. Whether it's sorting incoming goods, e-commerce fulfillment, store delivery, or shipping sortation, all these requirements can be met with the AutoPocket®.

The ability to open the AutoPocket® at full conveyor speed while moving and deliver items opens up completely new possibilities for automation in various distribution processes. The full performance spectrum of our sorters only unfolds in combination with the appropriate destination concepts. Sorted items can either be transferred directly to containers for further processing or can be made available for manual process steps. For sensitive products, our Softdrop solution is available, which ensures particularly gentle handling and enables both manual and automated further processing.



In areas where personnel are not continuously available, items can be delivered directly into containers, large cartons, or mesh boxes.

To AutoPocket®:
www.duerkopp.com/en/products/pocket-sorter



PACKWALL / TOTEWALL WORKSTATION

Areas of application Polybags, cartons | up to max.3 kg

Industries



Configurations

- Chute for manual product picking
- Outlet for manual product picking
- Fill level monitoring

Material

fabric / plastic / metal



SOFTDROP WORKSTATION

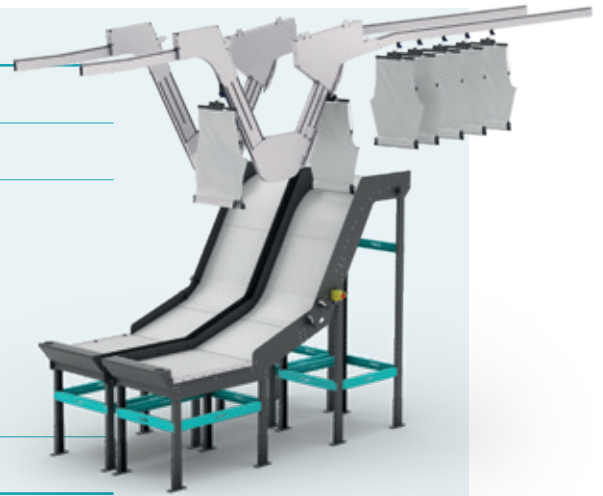
Areas of application Polybags, cartons | up to max. 3 kg

Industries      

Configurations

- Gentle product discharge for manual removal
- Automatic connection to conveyor technology
- Fill level monitoring

Material plastic



TOTEFILL CONNECTOR

Areas of application Polybags, cartons | up to max. 3 kg

Industries      

Configurations

- Filling station for containers or bags
- Fill level monitoring

Material fabric / metal



BULKFILL STATION

Areas of application Polybags, cartons | up to max. 3 kg

Industries      

Configurations

- Mounting bracket for mesh box, Eurotainer, roll container
- Fill level monitoring
- Target container detection

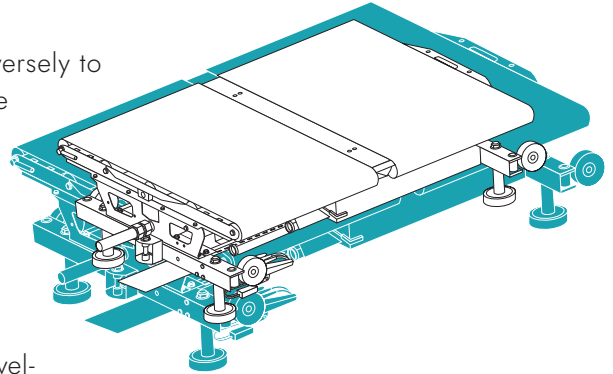
Material metal



Cross Belt

Maximum reliability for complex requirements

The belts of the Cross Belt Sorter, which are arranged transversely to the direction of travel, are used to pick up and deliver a wide variety of goods with different surfaces, sizes, and weights. The spectrum ranges from clothing sealed in plastic bags to heavy shipping packages. This cross belt technology ensures gentle transport as well as careful feeding and discharge of the goods, helping to maintain the quality of the sorted products.



This philosophy is also continued in the destination points developed for this sorting technology. Depending on the products and the target container used, there are various options to choose from.

If the sorted goods are to be transported automatically, roller- or belt-based conveyor elements or chutes are available for connection to conveyor technology. In the event that the processing of the goods is to be completed at the destination, chutes with or without a separating flap or insertion portals for large cartons, pallet cages, or roll containers can be used.

The portfolio is rounded off by spiral chutes, which allow controlled discharge of the sorted goods even at greater heights.

To Cross Belt:
www.duerkopp.com/en/products/cross-belt-sorter



CHUTE	
Areas of application	Polybags, cartons, containers up to max. 50 kg
Industries	
Configurations	<ul style="list-style-type: none"> • Outlet for manual removal • Direct Drop into container, bag, Eurotainer • with/without separating flap • Fill level monitoring • Drop control • Drop lock
Material	wood / metal

SPIRAL CHUTE

Areas of application Polybags, cartons, containers | up to max. 31.5 kg

Industries       

Configurations

- Variable inlet and outlet height and width
- Product-dependent chute diameter
- System-specific spiral

Material plastic / metal



LARGE CONTAINER TERMINAL

Areas of application Polybags, cartons, containers | up to max. 31.5 kg

Industries       

Configurations

- Transfer via chute to pallet cages, roll cages, Eurotainers
- Fill level monitoring
- Drop control
- Drop lock
- Target container detection

Material wood / metal



ROLLER CONVEYOR

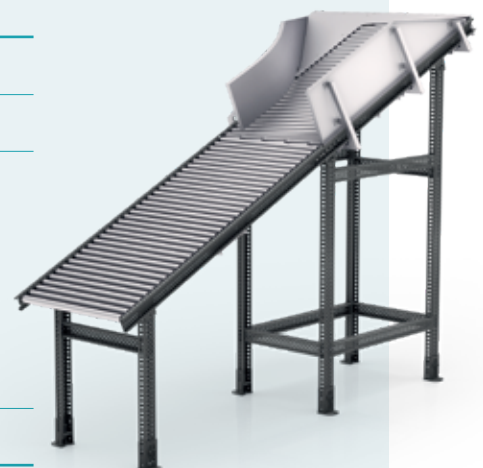
Areas of application Cartons, Containers | up to max. 50 kg

Industries       

Configurations

- Connection to conveyor technology
- Drop control
- Drop lock

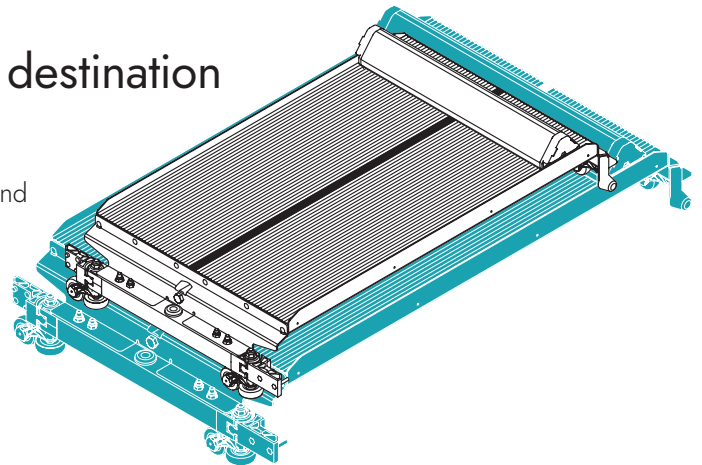
Material metal



Push Tray

Product diversity meets the right destination

The Push Tray sorters are the ideal solution for the efficient and gentle sorting of a wide range of products. Across all industries, goods of different weights and properties can be sorted simultaneously in a single process step. The gentle ejection of products enables the mixed sorting of light, heavy, flexible, or even rigid items in almost any shape with extremely high accuracy.



The ideal complement to this are destination points in a wide variety of designs, which can be arranged on both sides along the sorter track. Depending on the target container used, various designs are available, with the size and position of the container having a direct influence on the sorter height.

In addition to roller-based end points for the automated transport of the sorted goods, we offer chutes with different surfaces. These enable either manual removal of the products or their direct transfer into a container.

Separation flaps can be integrated into our wooden chutes for the targeted separation of sorted goods, for example when using a destination point for several orders. Insertion portals with all necessary safety devices are available for the use of large cartons, pallet cages, or roll containers.

Our portfolio is completed by a double-deck chute that either serves two separate targets or enables products to be separated within a destination area.

www.duerkopp.com/en/products/push-tray-sorter-vertical



To Push Tray:

LARGE CONTAINER TERMINAL

Areas of application Cartons, Containers | up to max. 31.5 kg

Industries 

Configurations

- Transfer via chute to pallet cages, roll cages, Eurotainers
- Fill level monitoring
- Drop control
- Drop lock
- Target container detection

Material wood / metal



CHUTE

Areas of application Polybags, cartons, containers | up to max. 31.5 kg

Industries       

- Configurations
- Outlet for manual removal
 - Direct drop into container, bag, Eurotainer
 - Cascade structure
 - with/without separating flap
 - Fill level monitoring
 - Drop control
 - Drop lock

Material wood



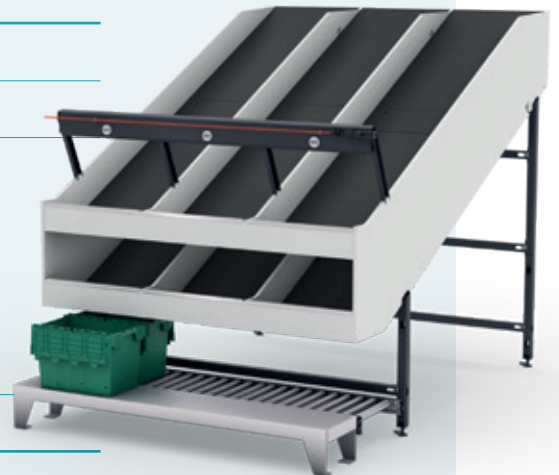
DOUBLE-DECK CHUTE

Areas of application Polybags, cartons, containers | up to max. 31.5 kg

Industries       

- Configurations
- Outlet for manual removal on two chutes, one above the other
 - Fill level monitoring
 - Drop control
 - Drop lock

Material wood



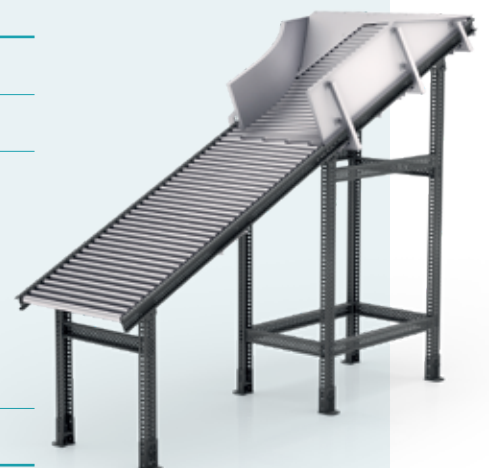
ROLLER CONVEYOR

Areas of application Cartons, containers | up to max. 31.5 kg

Industries       

- Configurations
- Connection to conveyor technology
 - Drop control
 - Drop lock

Material metal



Split Tray

Process oriented destination locations

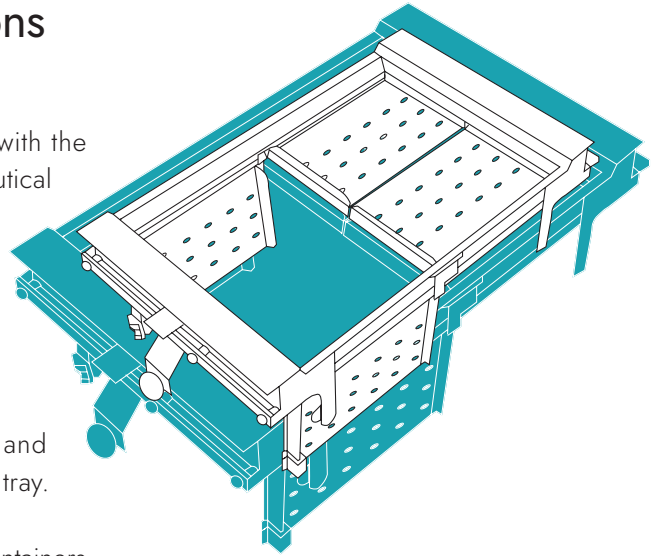
More than 40 years ago, our split tray sorter was designed with the aim of sorting flat items such as clothing, books, or pharmaceutical products as easily, quickly, and accurately as possible.

The automatically fed or manually loaded goods are identified by a barcode and discharged downward by opening the transport tray above the corresponding destination location.

The drop height of the sorted goods depends on the type and position of the targets, but is always at least half the size of the tray.

The sorted goods can either be deposited directly into target containers below the sorter or sorted via chutes into containers placed to the side. With the aid of a flipper, it is also possible to use two target containers on the left and right sides for each drop position.

The target containers are either processed manually, for example by placing them on pallets, or automatically via a removal line towards the goods out area.



To Split Tray:
www.duerkopp.com/en/products/split-tray



DIRECT DROP

Areas of application Polybags, cartons | up to max. 6 kg

Industries     

Configurations

- Discharge into shipping cartons, containers
- Fill level monitoring
- Drop control
- Drop lock

Material metal



CHUTE

Areas of application Polybags, cartons | up to max. 6 kg

Industries     

Configurations

- Outlet for manual removal
- Fill level monitoring
- Drop control
- Drop lock

Material wood



FLIPPER

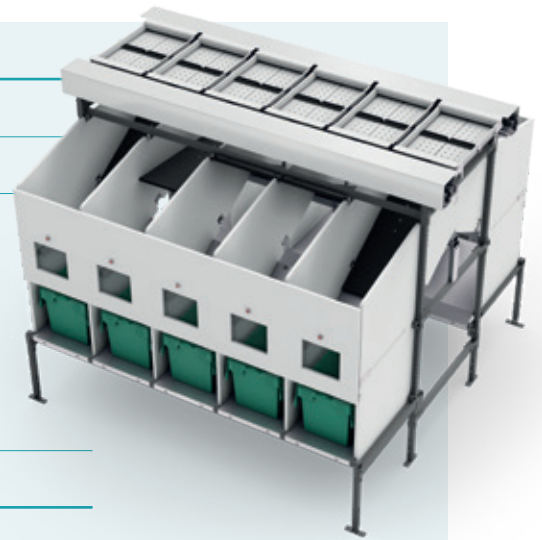
Areas of application Polybags, cartons | up to max. 6 kg

Industries     

Configurations

- Discharge at 1 drop point in 2 directions for combination with Chute or Direct Drop
- with/without batch flap
- Fill level monitoring

Material wood



SILO

Areas of application Polybags, cartons | up to max. 6 kg

Industries     

Configurations

- Discharge into shipping cartons, containers, bags
- Fill level monitoring
- Drop control
- Drop lock

Material wood / metal



LONG-LASTING

GENTLE HANDLING

CONFIGURABLE



Packwall/Totewall Workstation



Direct Drop



BulkFill Station



Chute



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