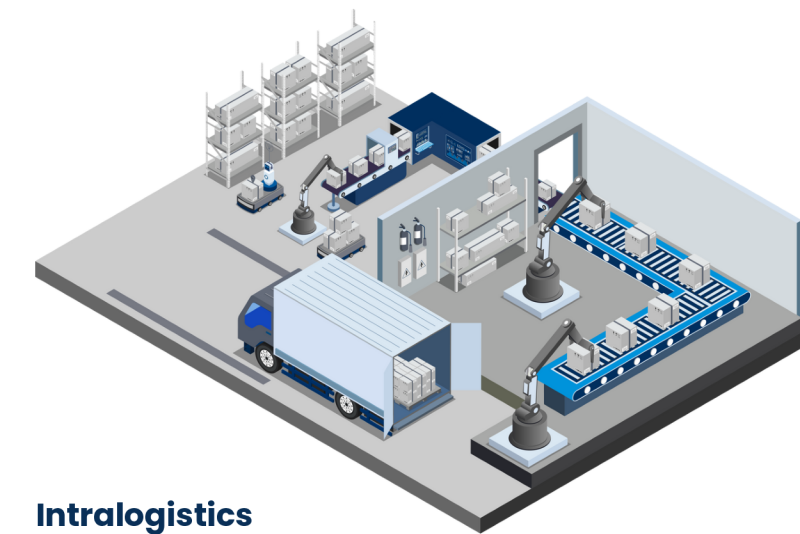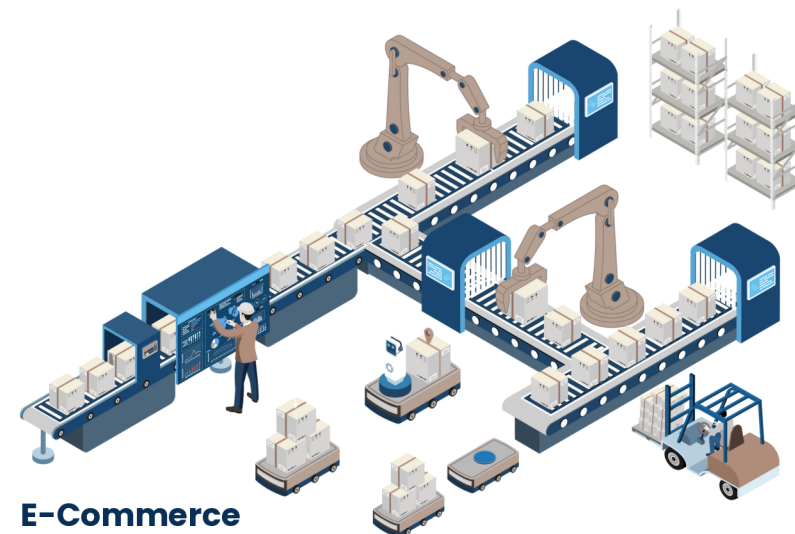# SORTCON

Sortcon NSS
Z Sorter

Sortcon NSS | Z Sorter

Designed to meet the dynamic needs of modern logistics and e-commerce operations, the Sortcon NSS | Z Sorter offers a powerful combination of performance, flexibility, and reliability. Engineered with a compact footprint, this modular system ensures expandable hourly sorting performance while maintaining uninterrupted operation even in high-demand environments.
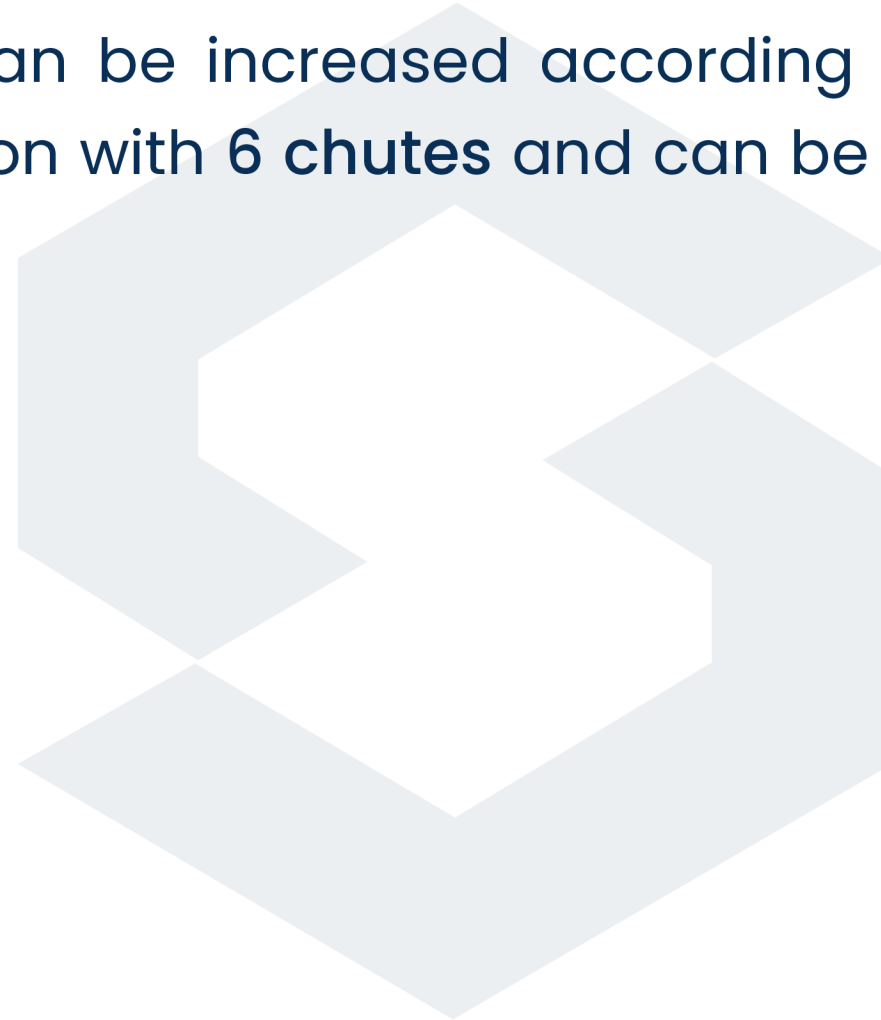
Key features such as the Expandable Chute Option and Integrated DWS System allow seamless scalability and enhanced functionality. With a wide product range compatibility, it adapts easily to a variety of parcel types and sizes. The system is built for ease of use and minimal downtime, thanks to its fast troubleshooting capability and on-site support with spare module availability, ensuring business continuity.

E-Commerce

Warehouse

Intralogistics

Expandable Chute Option

The number of sorting chutes can be increased according to the size of your business. The system has commenced operation with **6 chutes** and can be expanded **up to 100 chutes** in the future if required.
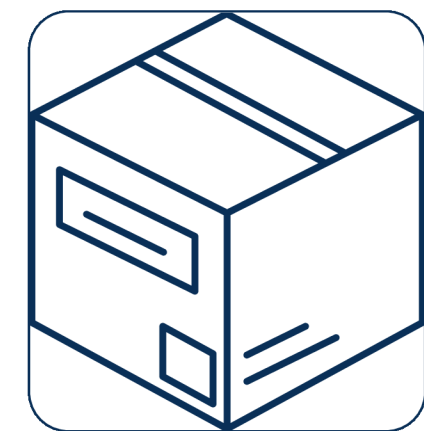
Fast Troubleshooting Capability

Its modular design allows any faulty module to be replaced in **under two minutes**, enabling the system to continue operation with minimal disruption. All electrical and mechanical connections follow a **plug-and-play architecture**. With **automatic IP address detection**, any technical staff can replace a module and reactivate the system without the need for external support. This prevents loss of time and labor typically associated with waiting for technical service.

Wide Product Range

Sortcon NSS is capable of handling envelope-type packages, mails, and parcels weighing less than **5kg**. With its flexible product handling range, the system is capable of sorting items from envelopes as thin as **1 mm** to boxes up to **35 cm** in height and between **10 cm** to **40 cm** in width. Its unique design consolidates the functions of multiple sorter systems into a single, integrated solution.
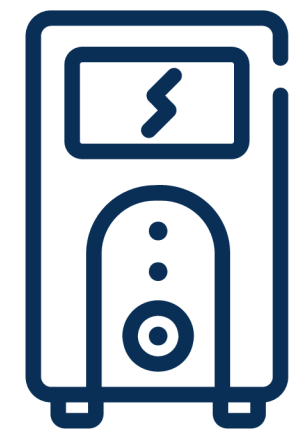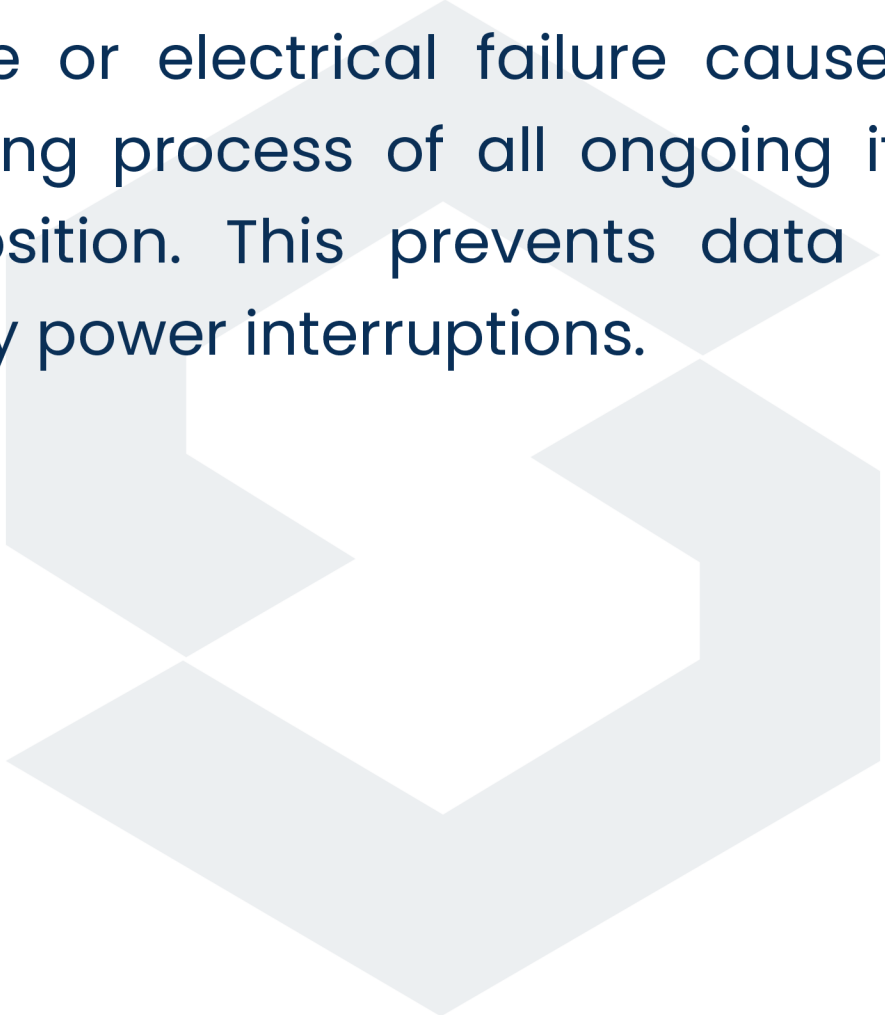
Integrated DWS System

The system features an **integrated DWS (Dimensioning, Weighing, and Scanning)** module, enabling **precise measurement**, **weight detection**, and **barcode reading** of each item during the sorting process. This ensures accurate data collection, efficient processing, and full traceability within logistics operations.

Uninterrupted Operation

In the event of a power outage or electrical failure caused by an accident, the system's **integrated UPS** ensures the sorting process of all ongoing items is safely completed before transitioning to a shutdown position. This prevents data loss and minimizes operational disruptions caused by momentary power interruptions.
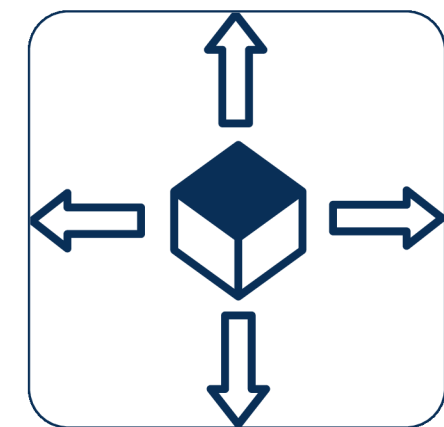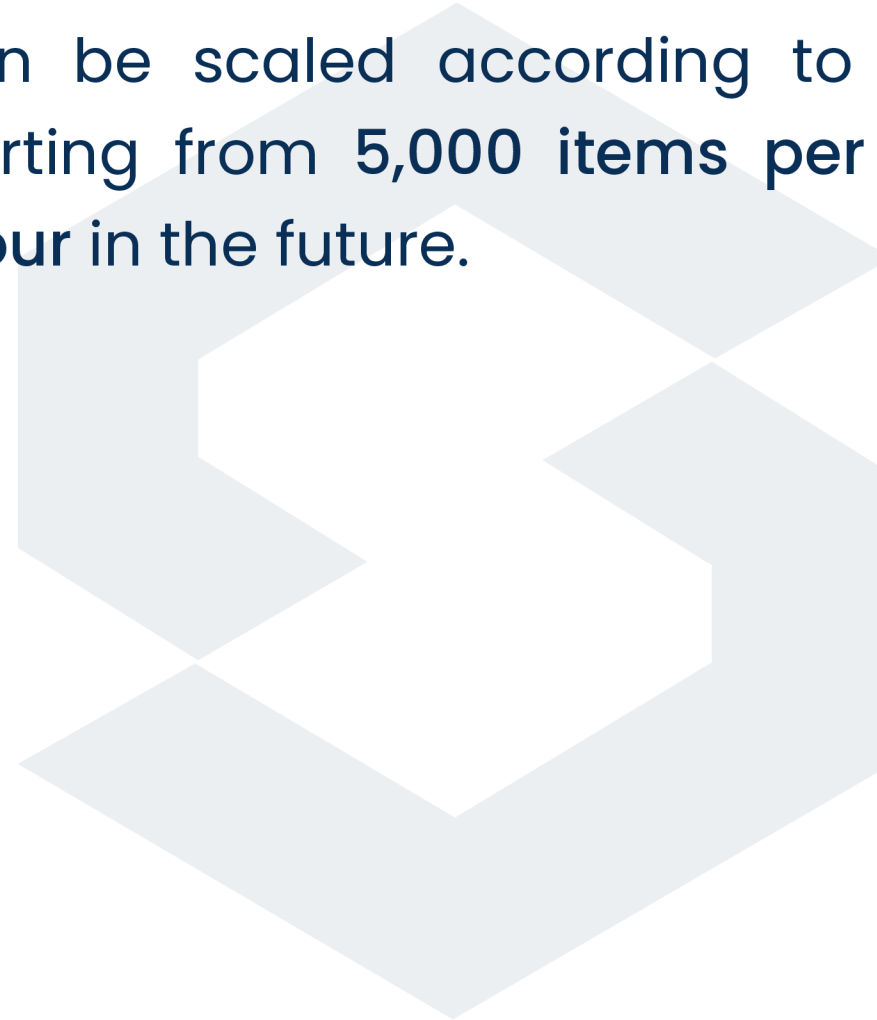
Compact Footprint

In a standard configuration with approximately 6 chutes, the system occupies just a 6m x 6m area. Depending on the layout requirements of the project site, it can be arranged in Z, V, or X formations to maximize space efficiency. With a height requirement of **only 2.5 meters**, the system can even be installed beneath mezzanine floors, making it highly adaptable to various facility constraints.

Expandable Hourly Sorting Performance

The hourly sorting capacity can be scaled according to project requirements by adding additional feeding modules. Starting from **5,000 items per hour**, the system is designed to expand up to **50,000 items per hour** in the future.

On-Site Support and Spare Module Availability

Spare modules provided with the system enable on-site intervention in the event of a malfunction, ensuring minimal downtime. For advanced technical support needs, Sortcon offers professional service through its own teams across **Türkiye** and **Europe.**

Technical Specifications

Belt Speed: up to 2 m/s

Sorting Capacity: up to 6.000 pph (for each feeding station)

Load Capacity: up to 5 kg

Load Height: 1 mm - 350 mm

Load Width: 100 mm - 400 mm

Load Lenght: 100 mm - 400 mm

Volumeter System (Optional): Available

Scale (Optional): Available

UPS System: Available

Warning System: Available

Control Buttons: Available

Emergency Push Button: Available

Modular Belt Change: Available

Modular Cabinet System on Modules: Available

Color: TBD

SORTCON

Thank You!

www.sortcon.com