

Address Digitalization Station

Efficient address reading and sorting for residual mail



The challenge

Automatically processing each and every piece of mail and small parcels is rarely feasible. A certain volume of residual mail requires manual processing by experienced personnel with solid knowledge of delivery routes. Although this rest mail volume seems low, it creates a major share of the cost for the postal operator.

Our solution

Address Digitalization Station (ADS) is a semiautomatic system that incorporates the sophisticated recognition system ARTread and, the full spectrum of state-of-the-art recognition capabilities, commonly used in automated processing systems for pre-sorting and delivery preparation. Using our advanced recognition system in combination with FlexCoding, ADS resolves most of the items. This allows their re-introduction into the automatic stream. For the remaining items ADS improves the efficiency and simplicity of the manual handling. The digital images created by the ADS can be used for tracking and statistics.

The operator pastes the machine-readable labels on the shipments and places them in the correct trays. The ADS thus ensures efficient manual sorting and also offers the

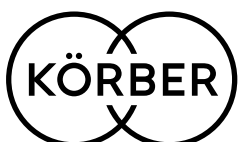
possibility that shipments can be reintroduced into the automatic sorting process.

ADS can be used for

- resolving addresses and re-automation of items,
- indexed sorting with label, sorting with or without label,
- forwarding instructions and return-to-sender applications,
- revenue protection and more.

Customer benefits

- Improved productivity in pre-sorting and delivery preparation.
- Increased quality: reduction of incorrect deliveries through automated processing.
- Significant cost saving by decreasing manual sorting of residual mail and speeding up manual sortation.
- Fast return-on-investment with many different applications.
- Easy handling - requires no special operator knowledge.
- Space saving with minimal footprint of 1495 x 900 mm





Technical data

Nominal throughput	up to 1,200 mail pieces per hour
Camera	Monochrome 5 megapixel
Label printer	Supports devices for printing 1D and 2D barcodes
Handheld scanner	Optional - used for image capture
Touch screen	Color screen 15.6" / 1920x1080 pixels Optional color screen 21.5" / 1920x1080 pixels
Power supply	230 V, 50 Hz, ~ 750 W
Computer	Industrial-grade PC, Windows operating system
Weighing cell	Optional - for revenue protection

ADS increases the speed and efficiency of:

- Re-solving non-readable items to be re-introduced into the automated process
- Outward, inward and sequence sorting
- Processing of returns and redirected items
- Reading of digital postage for revenue protection
- Registration of non-machinable items for tracking services
- Manual sorting of non-machinable shipments with a reference to a sequenced delivery list
- Parcel sorting for registration at the parcel hub and identification at the delivery unit

