

IRV 3000

Integrated Reading and Video Coding Machine



The challenge

Every mail piece has to be processed – no matter whether it has a machine-printed or hand-written address. The goal is achieving the highest productivity with a maximum throughput – even with challenging mail pieces – and high availability.

Our solution

The IRV 3000 is an established reliable mail sorting system with a compact footprint. With its integrated processing line and the 2-Level-Sorter it can achieve a maximum throughput of more than 60,000 items per hour.

The machine control platform provides a substantial and standardized control which not only supplies an easy-to-operate user interface, but also well-engineered diagnostic tools, statistics and information for troubleshooting.

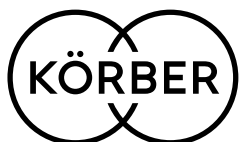
Our extensive experience with thousands of installed sorting systems for demanding applications ensures reliable address recognition and high read rates. The delay line of about 15 seconds is used to make sure a high percentage of mail pieces can be processed completely

during the first run. An optional video coding system processes mail pieces that cannot be read automatically.

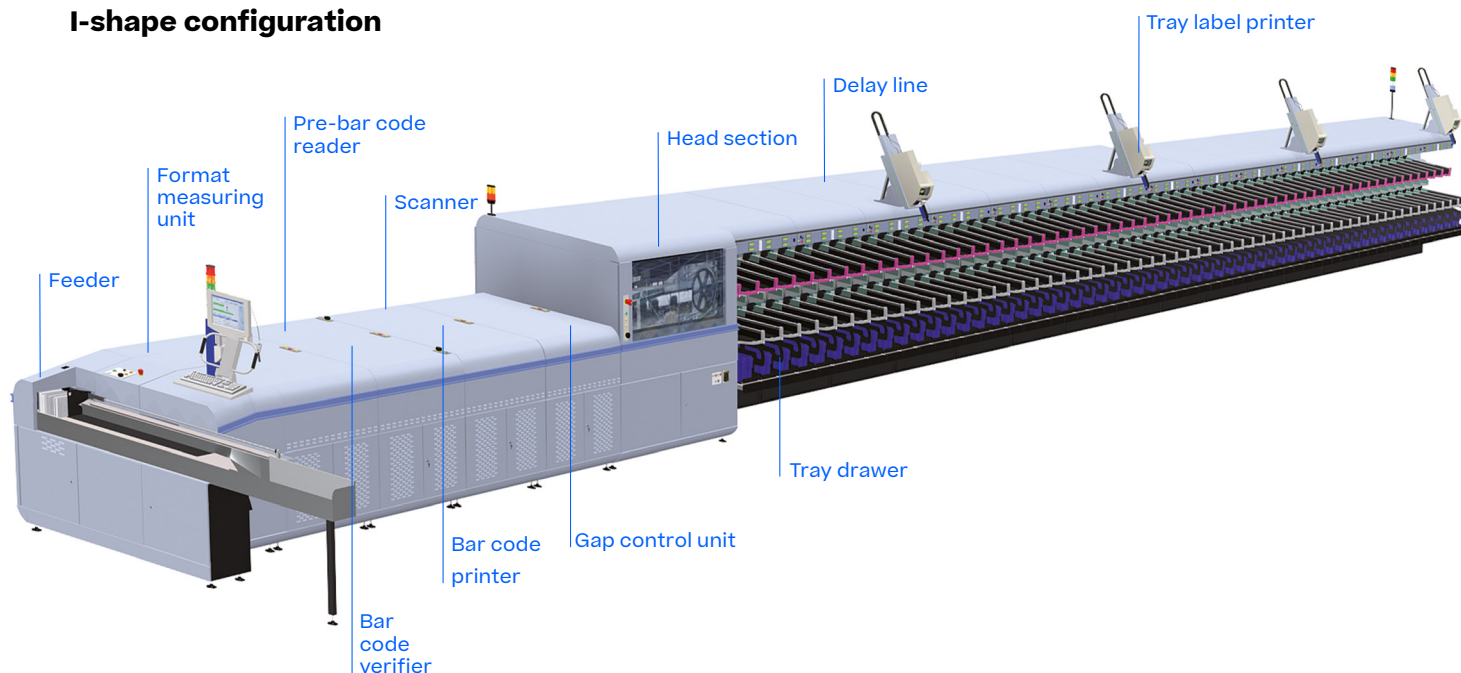
Each stacker module is equipped with eight stackers: Four high capacity stackers are located in the lower level and four medium capacity stackers are located in the upper level. With its various sorting concepts the 2-Level-Sorter can be used for outward and inward sorting down to 2-pass sequence sorting.

Customer benefits

- Unsurpassed low operating costs and minimized footprint
- Efficient operation as a result of the optimized stacker capacity
- High address read rates – even with difficult-to-read addresses
- Excellent ergonomics for minimum operator workload
- Easy handling and minimized operator errors as a result of the color coding of the stackers and the corresponding trays
- Optimized and demand-orientated maintenance concept
- Long service intervals lead to minimal maintenance costs



I-shape configuration



Technical Data

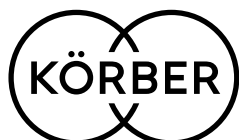
Nominal throughput	63,000 items/hour (127 mm long, 1 mm thick)
Noise	≤ 68 dB(A)
Stackers	72 – 320
Stacker capacity	440 mm (lower level) 350 mm (upper level)
Sorter shape	I-shape or U-shape

Mail types

Length	127 mm – 292 mm
Width	85 mm – 176 mm
Height	0.15 mm – 7 mm
Weight	2 g - 100 g

Options

- Facing cancelling functionality
- Graphics printing
- Tray label printer
- Various software-based recognition tasks (e.g. doubles detection)
- Full tray supply to the feeder
- Empty tray handling system



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