

IRV3000

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 – also with challenging mail pieces – and high availability for a long period.

Our solution

The IRV 3000 is an established reliable mail sorting system with an optimized footprint – using a compact processing line together with a 2-Level Sorter – and 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. This leads to the utmost user-friendliness and availability.

Our extensive experience with thousands of installed systems for demanding applications ensures high read rates for all kinds of addresses. The video coding system processes mail pieces that cannot be read automatically. A 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.

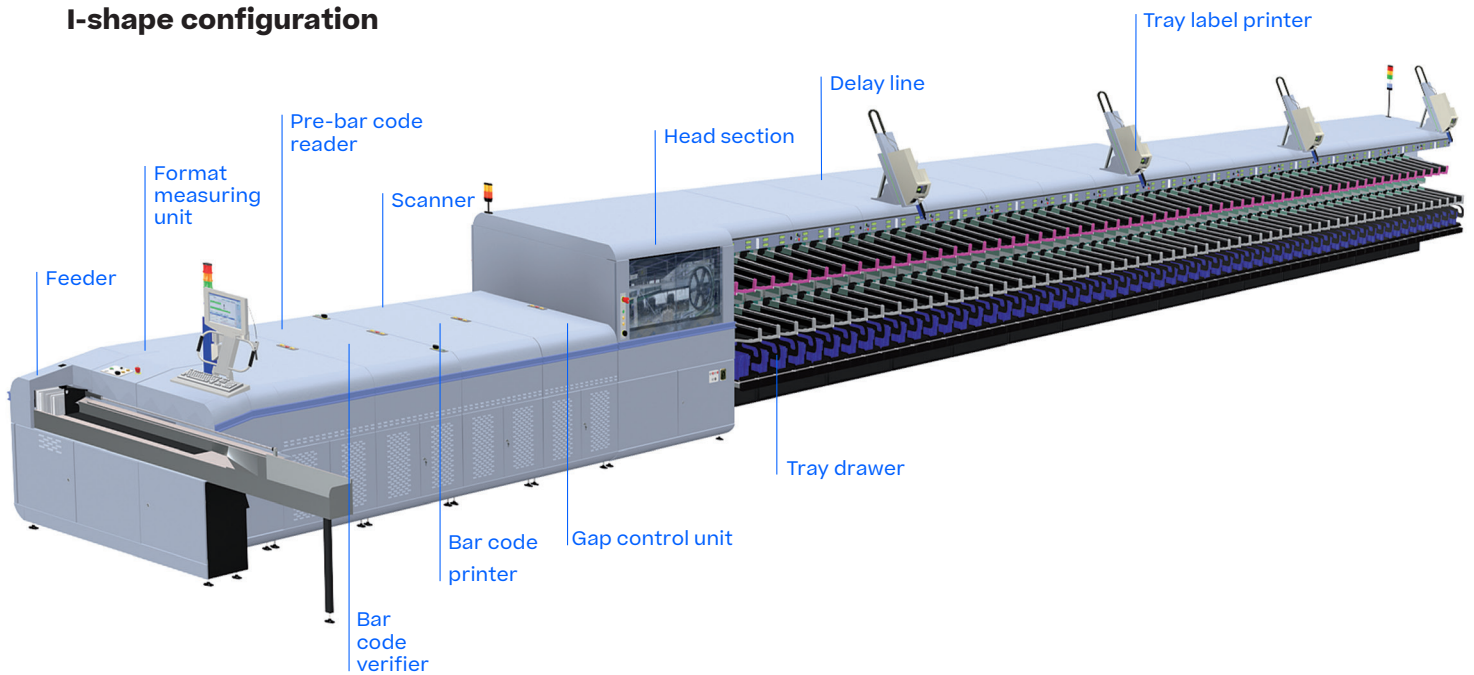
Each stacker module is equipped with eight stackers: Four high capacity stackers are located in the lower level and four medium capacity stackers are located in the

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
- Excellent ergonomics for minimum operator workload
- High address read rates – even with difficult-to-read addresses
- Easy handling and minimized manual sorting errors as a result of the color coding of the stackers and the corresponding trays
- Optimized and demand-orientated servicing
- Minimal servicing costs, long maintenance intervals

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

- Doubles detection
- Metal detection
- Graphics printing
- Facing cancelling functionality
- Tray label printer
- Full tray supply to the feeder
- Tray unloading device at the feeder
- Empty tray handling system

