Compact Letter Sorter CLS 3000/3004

The most compact machine out of the letter processing 3000 family
CLS 3000/3004 is based on the product platform 3000. It uses innovative technology together with field proven modules for high efficiency, process quality and system performance. Even with its compactness it is highly configurable in functionality and provides optimal ergonomic working conditions – all this on a minimized floor space.

It is available in two basic configurations: Compact Sequence Sorter and Compact Reader Sorter.

**Compact Sequence Sorter (CSS 3000)**

The state-of-the-art sequencing machine comprises the following features: feeding, bar code reading, function code reading and sequencing of pre-sorted mail. The CSS is a compact machine with a 2-Level Sorter offering a high number of delivery points per square meter.

Two special features make working with the machine even more fun:
Firstly the lack of stacker walls allows the mail stack to be turned around within the stacker to be refed to the feeder for 3-pass sequencing and secondly the optimized long feeder bed which allows easy refeed as well as optimized access to the stackers where in front of them.

**Compact Reader Sorter (CRS 3000/3004)**

By adding the processing devices, such as the address-reader system for automatic reading and off-line video coding, a bar code printer and verifier and you get a Compact Reader Sorter. Optionally, a graphics printer can be included to carry out the cancellation or logo printing.

**Flexible sorting and sequence sorting strategies**

The 2-Level Sorter permits different optimized sorting strategies which allow for high flexibility. Special sort plans make sure that every sorting task can be performed most efficiently.

**Enhanced format spectrum**

The CRS 3004, which can be derived from the CRS 3000, can handle an enhanced mail spectrum – up to C4 formats within a mixed mail stream.
**Benefits**

- Sophisticated sorting strategy adapted to the 2-Level Sorter
- Optimized long feeder-bed to ensure process stability for multi-pass sequencing
- Reduced feeder-bed width in front of the stacker modules to ensure stacker accessibility
- Adapted stacker layout to allow for easy re-feed
- Few but large deflections provide a gentle mail transport - even in spite of the machine's compactness
- Channel gates divert the main stream to minimize jam rates
- Flexible number of stackers - from 16 to 192
- High number of delivery points per square meter
- Minimized operator walking distances

**Technical data**

- **Types of mail:** CLS 3000, CLS 3004
  - Length: 140 - 292 mm, 140 - 324 mm
  - Height: 85 - 176 mm, 85 - 229 mm
  - Thickness: 0.15 - 8 mm
  - Weight: 2 - 100 g

- **Nominal throughput CLS 3000:** up to 47,000 items/hour (200 mm long, 1 mm thick)

- **Number of stackers:**
  - 16 – 192 CLS 3000
  - 16 – 128 CRS 3004

- **Noise:** ≤ 70 dB(A)

- **Stacker capacity:**
  - 450 mm (lower level)
  - 350 mm (upper level)

- **Footprint:**
  - Width: approx. 1.8 m
  - Length: 128 stackers approx. 25.1 m
    - 64 stackers approx. 13.9 m
    - 32 stackers approx. 8.4 m

- **Options CSS**
  - Stiffness detection, bar code reader rear, tray label printer

- **Options CRS**
  - Thickness measuring unit, stiffness detection, pre bar code reader rear and front, function code reader, bar code printer and verifier rear, graphics printer front (cancellation, logo etc.), tray label printer