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SYSLORE OCR / NEOPOST MSA-9600

AN IDEAL ALLIANCE FOR A MIXED MAIL SORTING SOLUTION

POSTEN ÅLAND

Finland, September 2011.

E-Commerce boom is a reality and in parallel the growing volumes with other businesses had to be managed.

Aland Post*, a postal administration in Finland, has decided to implement a major transformation to become a modern postal and logistic enterprise. To reach this objective, the postal operator aimed to find a flexible sorting machine to process mixed mail faster and more efficiently to sort mail at district distribution level.

If sorting machines with easy-to-use software were available on the market, most of them were for larger postal operators, which mean that the costs for adapting the machine and software for Aland Post business would be higher than the business advantage they would get.

Neopost MSA-9600 capable of processing 10,800 envelopes an hour was chosen with an integrated address reading system, Syslore** OCR X. This flexible, reliable, modular and easy-to-use solution for mixed mail and small parcels was mentioned as

"*the most suited package deal for Aland Post needs*"
(Eivor Granberg, business area director at Aland Post).

MS-9000 SPECIFICATIONS

SORTING SYSTEM

- Up to 9,000 envelopes per hour
- Feeder capacity: up to 1.000 envelopes
- Envelopes size: C5, C5/6, DL
- Envelopes thickness: up to 4mm
- Print resolution: up to 300x300 dpi
- Print height: 1 inch with double-head
- Optical reading resolution: 2048 pixel (300dpi)
- Typical configurations from 2 to 30 sort bins
- Bins capacity: up to 400 envelopes per bin

MSA-9600 SPECIFICATIONS

MAIL SORTING AND ACCOUNTING

- Up to 10,800 envelopes per hour
- Mail volume: from 15,000 to 30,000 per day
- Reading capability: bar code or OCR
- Envelopes: C5, C5/6, C4
- Typical configurations from 8 to 16 sort bins

Wide range of standard modules available to configure the system for dedicated applications:

- High speed accounting and weighing
- Sorting of incoming mail by department
- Sorting based on weight and dimensions
- Sorting destination using OCR
- Printing permit mail indicia
- Processing of international mail

EC-500 SPECIFICATIONS

ENVELOPE COUNTING

Standard specifications:

- Count up to 60 containers per hour
- Precision: <0.5% on average (+/- item count)
- LCD touch screen
- Size: 156 x 140 x 80 cm
- Weight: 150 kg
- Voltage: 110 to 240 volts at 50 to 60Hz
- Power Consumption: 200 W max

Optional specifications:

- Weighing platform (up to 15 kg per tray)
- 1D Barcode reader at short side of the tray
- A network connection to an external interface
- Data Export and reporting options

WHY CHOOSE NEOPOST?

Neopost is a global leader in tailor-made business solutions for the postal and related digital world of tomorrow. Whether you run a small company or employ thousands of people around the world, you need fast, fluid solutions that save time and money while helping you make the most of business opportunities. Our solutions bring together our well-tried technologies with the latest high tech and intuitive solutions, allowing you to stay agile and competitive. Neopost is aware of the need for constant innovation while being strongly committed to the ethics of sustainable development. For advice and support you can depend on our global commitment to supply first-class service, whether on the phone, on site or online. With a direct presence in 29 countries and partners in more than 90 countries worldwide, Neopost 5,900 employees are highly skilled professionals who back-up their customers locally at every stage of their project. **Find out more at www.neopost.com.**

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Being ISO 9001, ISO 14001 and OHSAS 18001 certified, Neopost will serve you in accordance with the highest process, quality, safety and environmental standards.

POSTAL SOLUTIONS
MAIL SORTING AND ACCOUNTING

A wide range of postal applications for many varied business environments. Optimise revenue with automation data and fast processing mail.
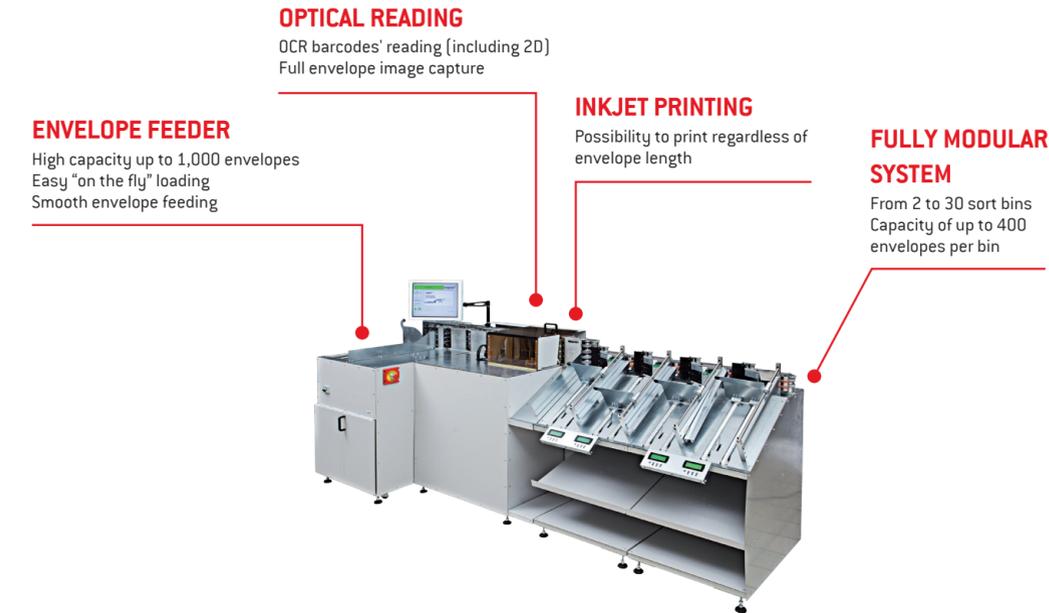
WE VALUE YOUR MAIL
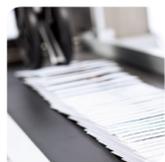
MS-9000
MAIL SORTING MADE EASY

FLEXIBLE AND EASY-TO-USE ENTRY LEVEL MAIL SORTING SYSTEM

For medium-sized mailing businesses, reducing operational cost and retaining control of sorting processes are daily challenges. Neopost's MS-9000 is the first system designed to fulfill these specific needs. With its small footprint, flexible system set-up, reliability and user friendliness, MS-9000 perfectly fills this market niche.

OPTICAL READING
OCR barcodes' reading (including 2D)
Full envelope image capture

ENVELOPE FEEDER
High capacity up to 1,000 envelopes
Easy "on the fly" loading
Smooth envelope feeding

INKJET PRINTING
Possibility to print regardless of envelope length

FULLY MODULAR SYSTEM
From 2 to 30 sort bins
Capacity of up to 400 envelopes per bin

> Automated mail-sorting for everyone

The Neopost MS-9000 mail sorter permits a faster and more efficient delivery service, thus ensuring customer satisfaction.
It is designed and manufactured with top performance and maximum quality/budget optimisation in mind.

> Adapt to your needs

MS-9000's modular design ensures that your business needs are met today and in the future. Simply add one of the available modules when it is required and MS-9000 will grow with your business.
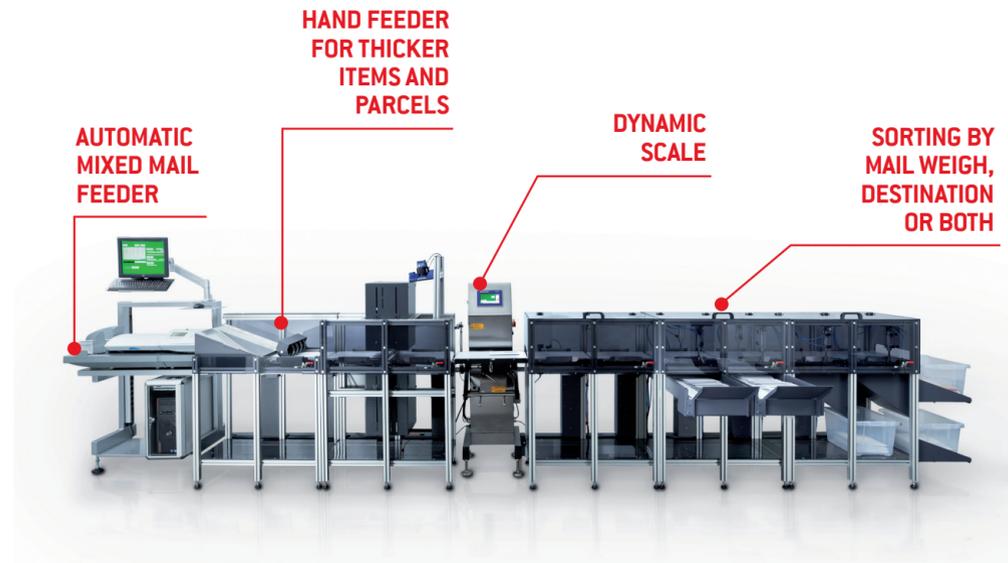
MSA-9600
MAIL SORTING AND ACCOUNTING

FLEXIBLE, RELIABLE, MODULAR AND EASY-TO-USE

If your business is in mail delivery, consolidation, international re-mailing, or if you simply want to maximize your postal discounts while measuring and monitoring departmental and customers accounts, then MSA-9600 is the perfect tool to put you in control.

HAND FEEDER FOR THICKER ITEMS AND PARCELS

AUTOMATIC MIXED MAIL FEEDER

DYNAMIC SCALE

SORTING BY MAIL WEIGH, DESTINATION OR BOTH

> Short changeover times between batches

When timelines are short, net productivity is key. When the number of batches to process is high, changeover times need to be minimized.

The unique user interface of the MSA-9600 ensures that changeovers take only a few seconds. Simply select a new customer or postal product via the full-colour touch screen or barcode scanner, and the system is ready for the next batch with minimal downtime.

> Features and benefits for mail business

MSA-9600 has been developed in cooperation with a wide variety of our customers. Its flexible design meets the need of many different kinds of businesses: Postal organizations, international re-mailers, mail consolidators, universities, medical institutes, local authorities, financial institutes...

> Non stop processing of multiclient batches

The unique design of MSA-9600, allows you to select new customers and postal products without stopping the system. Just make the selection via the touch screen or via a barcode scanner and continue without losing time.

EC-500
REVENUE PROTECTION BY ACCURATE ENVELOPE COUNTING

CONTROL OPTIMIZATION BY SCANNER TECHNOLOGY

An innovative way to count the number of (mixed weight) mail pieces in a postal tray without extraction of the mail from the tray. Control the output of your mail room, or the receipt of mail pieces.

LCD TOUCH SCREEN

A LASER BEAM FOR RESOLUTION CALCULATION

> Advantage of a topological analysis laser

Ease of use (no requirement to set parameters for the typology of the folds to be counted).

Insensitive to the colours of the objects to be measured.

No deterioration as a result of extraneous luminosity (e.g. sun, shade, artificial light, fluorescent tubes,...).

Counts reflective materials such as shrink-wrap (vs. camera based systems which cannot measure reflective surfaces).

Safe (UL, CE) and approved by a major postal operator.

> Performance & accuracy

The EC-500 meets required accuracy thresholds without the need to remove envelopes from trays or to control ambient lighting. Industry standard readers reading the barcode on each tray combine with a scale determine tray weight. The tray is conveyed forward and back on a short belt under a laser "eye" in order to arrive at a correct count of envelopes.

Also works with bundles or incomplete trays.

Envelopes should be of same height in tray.

Mixed mail: variation in thickness of envelopes can apply up to a factor of 1:6.