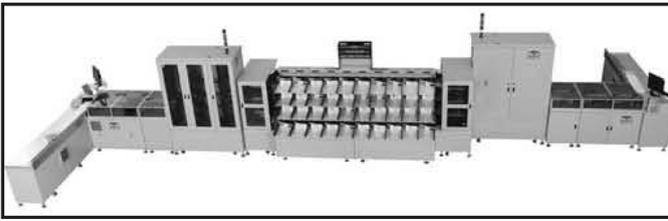


Barcoding/Sorting Systems



NPI CrossFire



NPI Maxim

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CATEGORY: Barcoding/Sorting Systems

PRODUCT: NPI Automated Mail Sorters

COMPANY: NPI, 14901 Trinity Blvd, Fort Worth, TX 76155. Key Contact: Marco Oropeza. Phone: 214-634-2288 or 888-821-SORT.

DESCRIPTION: NPI has been designing leading-edge mail sorters for over 35 years, with over 1,000 machines installed worldwide. NPI sets the standard for affordable, high quality, low maintenance machines, while meeting the highest expectations in automated mail sorting with the industry's most compact design. Our exclusive technology can be configured into a number of modular designs to meet specific customer requirements for labor, floor space and cost. NPI's products include Parcel, Letter and Flat (MLOCR/BCR) sorters with customizable options that's supported by 24/7 Service Support.

MLOCR AND BCR MAIL SORTERS: NPI systems will optimize sorting operations with its advanced design and controlling software. Built around patented anti-jam technology, the sorters run more economically as time-wasting jams are virtually eliminated. Multiple motors precisely located throughout the sorter, instead of a single motor power transmission system, drastically reduce maintenance costs and power consumption. Modular ergonomic design promotes seamless upgrades and modifications to support expanding operations and improve production efficiency.



NPI CrossFire SE

CROSSFIRE: NPI's patent-pending CrossFire doubles sorting power by adding a second induction unit to its ergonomically designed NP42 (Four-level, Two-sided) output stackers. Industry-leading speeds of up to 100,000 mail pieces per hour can now be achieved utilizing the cost-cutting NPI Crossfire design.

CROSSFIRE SE: NPI's latest offering is the Crossfire SE. With its double feeder, the system outperforms two conventional mail sorters. With its single sided dual feeder section, the Crossfire SE has throughput speeds in excess of 100,000 per hour, one of the fastest sorters in the world.

MAXIM: NPI's premier high-speed letter sorter is the Maxim. This system offers a compact ergonomic design and utilizes software-based Decipher OCR technology running on standard, off the shelf PCs. Precision-patented, anti-jamming technology reduces document damage, resulting in uniform stacking of the entire sort bin, increasing throughput. Maxim Stackers utilize bin kicker systems, eliminating the safety risk of competitive systems using bin augers. A user-friendly Windows NT-based Operator Interface permits networking of multiple systems. The Maxim sorts at speeds of up to 40,000 mail pieces per hour.



NPI Omega Mixed Mail Sorter



NPI Omega Letter Sorter

OMEGA: In its standard configuration, the OMEGA is a three-pocket portable MLOCR/BCR capable of being operated by a single individual. MLOCR processing speeds range from 7,200 to 10,000 while the BCR version reaches 18,000 mail pieces per hour. The OMEGA can be configured as a Letter or Mixed Mail Sorter. The OMEGA was originally designed as a Reject Processor. The slower speed of the OMEGA allows for multiple OCR software lookups/recognition attempts of an address block before printing the barcode on the mail piece. When running rejected mail pieces from other OCR machines, greater than a 70% read rate has been documented by presort businesses using the OMEGA. Once barcoded, the mail piece can be re-introduced into the mail flow of the high-speed sorter, sorted and trayed along with other

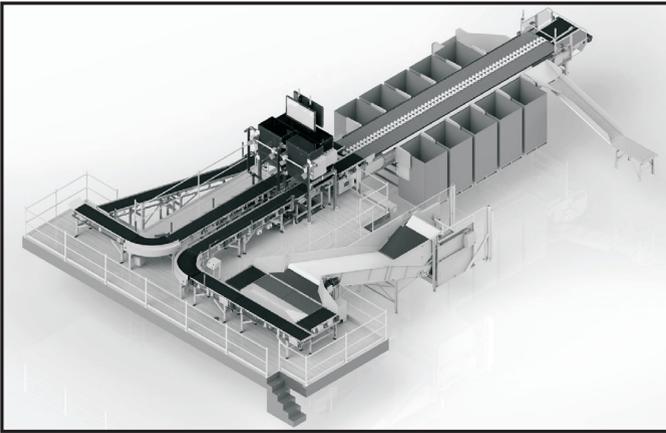


NPI Vsort Sorter

mail allowing for a greater postage discount. Today, Omegas are additionally being used by marketing, banking, and insurance companies to barcode their outgoing mailings and to sort incoming letters for internal distribution. The low initial cost and fast ROI, coupled with reduced manpower requirements, makes the OMEGA an asset in any company's mailroom. Additional stackers may be added in five-pocket increments up to 18 pockets (three 5-pocket stacker Modules) before the OMEGA becomes stationary. If greater than 18 pockets are needed, additional power inputs are required.

VSORT: The Vsort is NPI's product solution to mailers that need the capabilities to sort mail pieces up to one-half inch thick. The double-sided Mixed Mail MLOCR / BCR Sorter has an operational throughput of up to 24,000 mail pieces per hour. Modular design is also incorporated into the Vsort allowing output Stacker Modules to be provided in either a normal pocket or a chute configuration.

Barcoding/Sorting Systems



NPI XStream

XSTREAM: The XStream has the ability to sort flats and parcels of up to 70 lbs. to different bin destinations such as tubs, sacks and gondolas. With its ergonomic design, the XStream is perfect for any processing environment and has a throughput of up to 30,000 flats/parcels per hour.

Optional Components, Features & Upgrades:

DECIPHER OCR: Used in high volume outbound and incoming mail applications, Decipher OCR is entirely software based. Installed on an automated mail-sorting machine, the Decipher scans 4" (Letters) and 10.5" (Flats) vertically, starting at the bottom of the mail piece and 11.5" horizontally. It optically reads and interprets eight lines of the address block on machine printed mail. Decipher then converts the information and encodes the envelope with a barcode. With Decipher, high volume mailers achieve higher percentages of barcoded mail, which increases postal discounts and maximizes the efficiency of your mail operation. The multi-font reader increases read rates by virtue of recognizing a wider range of font sizes and styles, including sizes from 8 - 17 points and a pitch range from 8 to 15 (optimum 10 - 12 pitch) including proportional fonts. For additional read improvements, a PLUS version is available.

WIDE AREA BARCODE READER: NPI's purely software-based barcode reader is Omni-directional; meaning the reader can detect and read a barcode in any position, even upside down! Scanning 4" (letters) and 10.5" (flats) vertically, starting at the bottom of the mail piece, and the length of the envelope horizontally, allows you the flexibility of detecting and reading address block barcodes and barcodes placed in the lower right corner of the mail piece. This state of the art, software-based technology provides an inexpensive means to upgrade your system. Having new technology is as easy as loading a disk!

BARCODE VERIFIER: This option verifies that the correct, readable barcodes are printed on the mail piece in the correct barcode area. Photocells are strategically placed to track the mail piece down the transport system to the correct pocket. The WABCR Verifier provides additional checking between multiple barcodes located on the envelope.

IN LINE THICKNESS DETECTOR: This feature allows you to set thickness criteria to sort mail. Thicker mail can be diverted to a pocket to cull out multiple payments or those with correspondence attached.

ENVELOPE OPENING MODULE: The Envelope Opening Module is an option installed on a Mail Processing System to selectively open envelopes. The decision to cut, or not to cut, is set up in the customer database or in the sort plan. A Commercial Grade Vacuum is used to remove the paper dust created from the cutting operation. **BIN DISPLAYS:** Improve the accuracy of your bin sweepers by adding vacuum fluorescent display units to display ZIP Code information based on sort scheme for each pocket. Actual size of display is 1" x 3" with 2 lines of 16 characters.

QUICK DATE: Redate your mail on the fly by simply adding our Quick Date system to your OCR/BCR.

ON-DEMAND BARCODED TRAY TAG PRINTER: Tags on demand, just push a button at the pocket of choice and the tray tag is printed automatically.

OFF LINE TRAY LABEL PRINTER: A separate printer for the printing of barcoded tray labels.

TRAY RACKS: Stack sorted mail easily and efficiently using NPI tray racks. Ergonomic design reduces muscle fatigue while transferring mailings to trays. Software Upgrades and Options:

FASTFORWARD (U.S. MAIL ONLY): With Classification Reform, the USPS implemented a Move Update requirement for all automated First Class mail. In order to meet this requirement, you must pass all addresses through a USPS approved address update application within six months of the time of mailing. To meet the needs of the mailing industry, the USPS developed FASTForward, an MLOCR-based address system. NPI has developed an interface to work with the USPS FASTForward directory. So, every time users send out a mailing, they know it will have the most recent address information available and the POSTNET barcode for new addresses. The new street address will also be printed on the line immediately above the barcode location. Users will provide faster mail delivery for their customers, eliminate the need to send mailing lists out to a third party for updates and avoid costly Address Correction Requested (ACR) charges.

COMBINED MAILING SOFTWARE: Add flexibility to your mail operation by having the option to commingle metered mail, permit mail and pre-canceled stamps with NPI's software. This software allows users the flexibility to enter different postage rates and postage payment methods in one mailing. No need to worry about generating mailing statements, as the reports generated by this software will meet all the stringent requirements of the Postal Service.

MANIFESTING/WEIGH ON THE FLY: This option allows sorting to take place with multiple weight mail pieces in one mailing. A required manifesting report would then be generated to the USPS with the information on the different weights of the mail pieces within the mailing. The manifesting option is perfect for companies that have high volume mail pieces that are not the same weight. Manifesting/Weigh on the fly is an excellent alternative to metering.

NEVERSTOP: The Neverstop software allows mailers to efficiently switch mail streams on the fly without any operator intervention. Neverstop also automatically reconfigures customer specific mail stream processing perimeters including OCR, FastForward, inkjet and redate options.

INCOMING SOFTWARE: NPI machines process time-sensitive incoming mail such as lockbox operations and remittances, reducing cycle times and labor costs. With optional incoming software, sort information is retrieved from your database. By creating their own directory, which is downloaded to the sort computer, users can target key fields.

OUTGOING SOFTWARE: This software analyzes your mail stream and optimizes the ZIP Code sort scheme automatically, giving you the best possible postal discounts. The National ZIP+4 directory/CASS certified software is used to look up the correct Delivery Point Barcode so that a correct 11-digit barcode can be sprayed on your mail piece. Your USPS-approved mailing statements will be generated automatically along with a wide variety of reports for job and postal summaries.

CONTACT: For more information, call 888-821-SORT or email sales@npisorters.com.