Vsort™ Letter & Flat Sorting System

# *Vsort*™
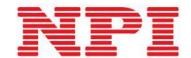## *Revolutionizing Flat Sorting*



PROUDLY
Manufactured In USA

# Vsort™ Letter & Flat Sorting System

## Features and Benefits

- Throughputs up to 24,000 letters and 18,000 flats per hour
- The industry's top performing Multi-Line Optical Character Reader (MLOCR) with text and handwritten capabilities
- Omni-Directional software-based barcode reader processes IMB, two-dimensional and linear barcodes
- Processes flats up to 0.6" thick
- Advanced sweep-less chute design
- User-friendly diagnostic tools
- NPI's sorter pocket design leverages patented anti-jam technology for more reliable processing
- Flexible stacker design allows for pockets, chutes or a combination of both
- Transmission-free, direct-drive system reduces power consumption, downtime, and decibel level
- Optional integrated conveyor reduces labor
- Modular design provides the ability to accommodate future growth by adding more chutes and/or pockets
- NPI's new Optesuite postal and analytics software package
- Can be configured for incoming and outgoing mail operations

Friction based pickoff

John Doe
345 Avenue Rd
Town, ST 05635

Superior OCR technology with handwritten capability

Extensive diagnostics

Throughput up to
**24K/hr** Letters
**18K/hr** Flats

PROUDLY Manufactured in USA

**NPI**

## Operating Environment

| | |
|---|---|
| FLOOR LANDING | 33 lbs/sq. inch (2.3kg/sq. cm) |
| TEMPERATURE | 50º F (10º C) to 104 F (40º C) |
| RELATIVE HUMIDITY | Up to 95% non-condensing |

## Optional Equipment

| |
|---|
| 12 Pocket Chute Module(s) |
| 12 Pocket mixed Module |
| Conveyor System |

## Power Requirements

| | |
|---|---|
| VOLTAGE | 208 VAC 3 phase Wye configuration |
| CURRENT | 30 - 90 Amps per phase |
| FREQUENCY | 60 Hz |
| -OR- | |
| VOLTAGE | 415 VAC 3 phase Wye configuration |
| CURRENT | 15-45 Amps per phase |
| FREQUENCY | 50 Hz |

## Physical Mail Characteristics

| | |
|---|---|
| HEIGHT | Min 3.5" (88.9mm) |
| | Max 11.75 (254mm) |
| THICKNESS | Min 0.007" (0.178mm) |
| | Max 0.5" (12.7mm) Mixed |
| | Max 0.6" (15.2mm) Chute |
| LENGTH | Min 5" (127mm) |
| | Max 13" mixed (330mm) |
| | Max 15" flats chute (381mm) |

## Equipment

| | |
|---|---|
| MAGAZINE | Standard capacity: 55" (1409 mm) |
| READER TRANSPORT UNIT | Levels the mail for accurate positioning to ensure highest level of read rate |
| PICK-OFF RATE | Letter: Up to 24,000 mail pieces per hour; Flats: Up to 18,000 mail pieces per hour |
| DELAY MODULE | Latency section of OCR and Address Lookup |
| INKJET/BARCODE READER | Inkjet and Barcode Reader/Verifier |
| 12 POCKET STACKER MODULE | Pocket capacity: 15" (381mm) of mail per bin |

# Vsort™ Letter & Flat Sorting System

**NPI**

*Efficiency Through Innovation*

# 888-821-SORT

NPI has been designing leading-edge letter and flats sorters for over 40 years. NPI sets the standard for affordable, high quality, high speed, low maintenance sorters, while meeting the highest expectations in automated letter and flats sorting with the industry's most compact designs. Our exclusive technology can be configured with a number of modular designs to meet specific customer requirements for SLA performance, floor space optimization and system flexibility. NPI sorters are equipped with the most advanced OCR in the industry, providing the highest read rates with the least amount of reprocessing mail.

**The Leading Automated Letter & Flat Sorting Solution**