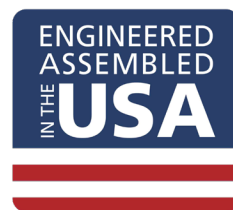




Efficiency Through Innovation

Vsort

Letter & Flat Sorting System



Vsort Letter & Flat Sorting System

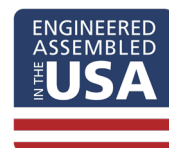
Features and Benefits

- 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



Throughput up to
24K/hr Letters

18K/hr Flats



Operating Environment

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

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

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

Optional Equipment

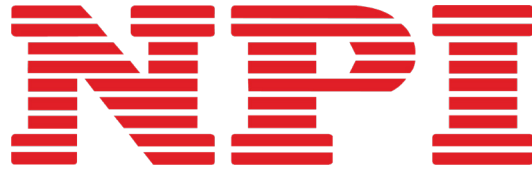
- 12 Pocket Chute Module(s)
- 12 Pocket mixed Module
- Conveyor System

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)



Vsort Letter & Flat Sorting System



A DURAVANT COMPANY

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.



+1 (888) 821-SORT - 14901 Trinity Blvd. Fort Worth, TX 76155

sales@npisorters.com - www.npisorters.com



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