

...letters and flats mailing system

ID Mail's Dispatcher is a truly innovative solution for the automation of letters, flats and mixed mail streams. Use the Dispatcher to automate these applications for improved delivery and labor savings:

- *International cross border*
- *Postal authority: in-country and revenue protection*
- *USPS presort automation*
- *Private delivery*
- *Organizational incoming mail*



Single Footprint, Many Tasks

The Dispatcher's unique ability to process both letters and flats eliminates the need for two separate platforms so valuable capital is conserved. The key to multi-format processing is the Dispatcher's unique horizontal feeding system that automates letters, and flats up to 3/4" thick. The feeder's standard gap singulation processes at up to 10,000 cycles per hour for a standard #10 envelope. Items can be automated as segregated or mixed streams of letters and flats.

Reading Options for Varied Mailstreams

The Dispatcher's standard OCR package is the first step in automating your mail. Secondary recognition can be added to enhance

coding percentages for handprint. Local video encoding further expands the Dispatcher's automation capabilities. And barcodes can be read when performing a re-pass or when capturing customer-applied data for discrepancy reporting.

The 8" image from the Dispatcher's grayscale camera provides the starting point for coding success. The large image helps ensure address location and grayscale technology maximizes the number of recognized characters so the number of successful look-ups is increased.

Printing Flexibility Enhances Your Investment

Printing flexibility is one of the hallmarks of the Dispatcher. With a printing height of up to 2", a variety of printing applications can

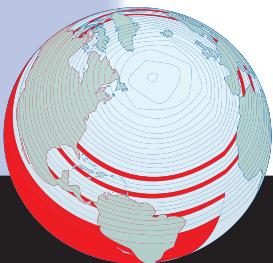
be accommodated, including: 1D, 2D, and POSTNET barcodes; indicia; manifesting/tracking numbers; logos; addressing; and marketing messages. There's virtually no printing task the Dispatcher can't handle.

Options to Meet Every Need

Bin Types: Sorting the mail to single (SL4) or tri-level (TL3) bins completes the process. TL3s provide a compact footprint, bin full warning lights and bin content displays. SL4s provide an economical alternative in a single-level configuration.

Weigh-in-Motion: A weigh-in-motion scale provides individual piece weights when bagging for international delivery, or submitting mixed weight items to the USPS.

Labeling: For poly, cellophane and Tyvek packaging, the Dis-



patcher's labeler ensures a consistent printing surface.

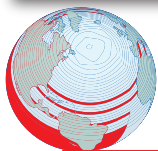
Barcode Verification: When submitting letters for a value added refund, a barcode verifier ensures compliance with USPS standards.

Software Ties it All Together

Although the hardware is what you see, perhaps the most important part of the Dispatcher is the software. Command/control software is standard on each system to ensure each piece is accounted for and reaches its intended bin. Depending on the reading task, the Dispatcher can be configured with machine and hand print OCR as well as BCR software. To customize the system, a number of software options are available. With WORLD.ware and a global database, international applications can be processed by country, city, piece weight, size or all of the above. For USPS outgoing, the Dispatcher is configured with a CASS database and Address Vision DRS for look-ups for POSTNET barcode printing. For incoming mail, INC.ware supplies the coding results from the customer-supplied database and sprays the appropriate delivery information for printing, such as the mailstop or floor number. supplied database and sprays the appropriate delivery information for printing, such as the mailstop or floor number.

System Specifications

Feeder	Letters	Flats
Maximum Cycling Speed	10,000 pieces/hr	8,000 pieces/hr
Allowable Dimensions		
Min	3.125" x 5.125" x 0.007" (79mm x 130mm x 0.2mm)	6" x 9" x 0.02" (152mm x 229mm x 0.5mm)
Max	6.25" x 11.5" x 0.25" (159mm x 292mm x 6mm)	12" x 15" x 0.75" (330mm x 381mm x 19mm)
Weight	0.1 to 3.5 oz. (2.8 to 99g)	0.1 to >35 oz. (5 to 1000g)
Reader		
Camera		
Type	Grayscale, 2048 pixel Linear CCD with 8" (203mm) field-of-view	
Resolution	256 pixels per linear inch (100 per linear cm) (horizontal and vertical)	
Adjustment	15" (381mm) travel perpendicular to mail piece	
Address block location	Automatic or manual with region of interest	
OCR Type	Multi-font machine print (A-Z, a-z, 0-9, / * & % # ' etc.) and handprint	
Print sizes	8 – 24 point	
Print sources	Laser, typeset, NLQ dot matrix, impact, high quality inkjet, handprint	
Horizontal Pitch	6 – 17 cpi, fixed or proportional, no touching characters	
Vertical Pitch	3 – 10 lpi, constant spacing, no touching lines	
Lines Read	Up to lower 8 lines in address block	
Maximum Address Skew	+/- 5° (10 point, 6lpi) less tolerance with near touching lines	
Printer		
Vertical/Horizontal Print Area	1.5" (38mm)/11.3" (287mm)	
Print density	300 x 600 dpi (118 x 236 dpcm)	
Colors	Black, red, green, blue, yellow	
Fonts	24 Windows TrueType fonts, 2 of 5, 3 of 9, POSTNET & 2D barcodes	
Speed	Up to 10,000 pieces per hour	
Cartridge	HP 51645A cartridge or high capacity ink bladder	
Environmental		
Power Requirements		
Base System (feeder, reader, printer) with 40 SL4 bins	Single phase: 230 VAC, 60 Hz, 25A or 230 VAC, 50 Hz, 30A, or Three phase: 208 VAC, 60 Hz, 30A or 208 VAC, 50 Hz, 30A	
Base System with 39 TL3 bins	Single phase: 230 VAC, 60 Hz, 35A or 230 VAC, 50 Hz, 40A, or Three phase: 208 VAC, 60 Hz, 30A or 208 VAC, 50 Hz, 30A	
Operating Temperature	50 – 90° F or 10 - 33° C	
Operating Humidity	20 – 80% non-condensing	
Certifications	USPS MASS, CE, WELMEC , OIML	



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