

# ESPER DM-230V DIRECT MARKETING COLLATOR

IDEAL FOR POSTS, PRIVATE DISTRIBUTION COMPANIES,  
MAILING AND FULFILMENT HOUSES.

Productive, compact, versatile, reliable and accurate

Wide range of document handling

Fast and simple set-up

Integrated wraparound cover station

Small foot-print

2-3 operators

23 feeding stations

Up to 9,000 sets per hour

Job File Transfer software

Low energy consumption

Low noise



## Fast turnaround

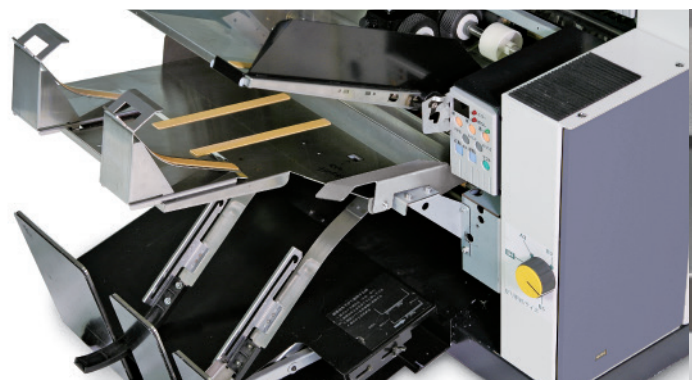
The Esper DM-230V is ideal for both short and long runs. Loading each bin is fast, with jobs being ready to run in just a matter of minutes. Operating at speeds of up to 9,000 sets/hr, the Esper DM-230V is designed for the fast production turnaround required in direct marketing campaigns. Productivity is further enhanced by a 'Load-on-the-Run' facility - meaning no down time. The 'Cascade Function' can be programmed, to handle large volumes of a few inserts as well as thicker folded stocks, so that productivity is maintained. This is achieved by the next bin feeding as soon as the previous bin empties.

**Main**    **Area**    **BIN**    **SET**    **SENSOR OFF**    **Time** 14:02

### Area Quantity Setting

Select Page ◀ 1 ▶ Page

Area	Qty.	Order	Bin Set	Total Area Qty.	
1	5	1		5	
ADDLESTONE					<input type="button" value="1"/> <input type="button" value="2"/> <input type="button" value="3"/> <input type="button" value="Add"/>
2	5	2		10	<input type="button" value="4"/> <input type="button" value="5"/> <input type="button" value="6"/> <input type="button" value="Set"/>
WEYBRIDGE					<input type="button" value="7"/> <input type="button" value="8"/> <input type="button" value="9"/> <input type="button" value="Clear Status"/>
3	5	3		15	<input type="button" value="0"/> <input type="button" value="C"/> <input type="button" value="Clear Order"/>
GUILDFORD					<input type="button" value="A"/> <input type="button" value="B"/> <input type="button" value="Clear Bin Set"/>
4	0	0		0	<input type="button" value="Bin Set List"/>



Reject Tray



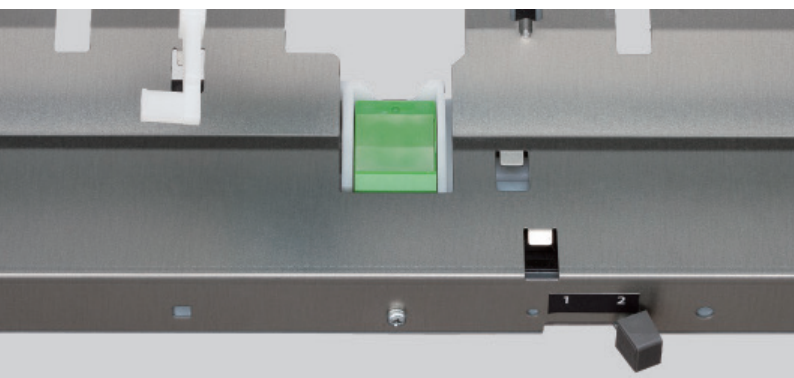
### Simple operation

The Esper DM-230V couldn't be easier for operators to learn and use. Its user friendly features include: a colour LCD touch screen control panel; frequently used functions repeated on the sides of the collator for convenience; and LED indicator lights on each programmable bin to advise of the feeding status at any given moment. A paper separator slide on each bin enables a fast & simple changeover from thin to thicker documents, and each bin can be completely removed, for ease of cleaning and jam clearance. The Esper also comes with a stacking and elevator unit, the DM-SE, which provides easy and convenient unloading for the operator. Each completed set is conveyed to the stacker which automatically raises a pre-defined quantity of completed sets to a convenient height – adjustable by the operator – for unloading. The Esper's Job File Transfer software enables customers to link their job data to an Excel spreadsheet, which in turn can then be downloaded onto the Control Panel for automatic job set-up.



### Reliable feeding

The Esper DM-230V has been professionally designed and engineered to ensure the accurate feeding and delivery of sets time after time. The patented 'Just Timing' function using independent feeding motors, aligns the edges of each sheet prior to feeding, ensuring consistent pick-up of even the most awkward stocks. Detectors throughout the system constantly monitor the operating condition of each bin: in the case of a bin empty, paper jam or stack full condition arising, the DM-230V will automatically stop and a buzzer will sound; "near-empty" detectors give the operator advanced warning to reload bins; and when a misfeed is detected, the incorrect set is automatically diverted into a built-in reject tray, allowing the machine to run uninterrupted, thereby further increasing productivity. The wraparound cover station is fitted with ultrasonic double detection, so that personalised documents or invoices can be fed error-free.



Paper Separator Slide



DMSE Stacker/Elevator

# Technical Specification

## Esper DM-230V Collator

Dimensions (D×W×H)	765×1383×1983 mm
Weight	483 Kg
Power Supply	220-240 V 50 Hz
Power Consumption	4.2 A, 880 W
Noise Emission	76.6 dB
Processing Speed	9,000 sets / hr
Number of Feed Bins	23
Paper Size	Post card (100 x 150 mm) to A3 (297 x 420 mm). Cover bin: B5 (182 x 257 mm) to B3 (364 x 515 mm).
Paper Type	<b>Standard bins:</b> single sheets; folded sheets; booklets <b>Cover bin:</b> single sheets; folded sheets
Bin Capacity	Approx. 60mm*

\*Extended by 'Cascade' and 'Load-on-the Run' features.

## Options

Recollating Bin Kit (for thicker documents)

470mm Extension Tray (for 100mm bin capacity)

Ultrasonic double feed detection bin (for single sheets)

## DM-SE Stacker/Elevator

Capacity	70-120mm
Dimensions (W × D × H):	1,183 x 673 x 1024 mm
Weight	45.5 Kg
Power Supply	220-240 V 50Hz
Power Consumption	0.3 A, 45 W
Noise Emission	59 dB

Features	Paper feed timing function; Test feeding function; Fold timing function; Paper feed bin sequence and single function; Paper receiving mode; Bin by bin processing quantity; Bin problem display; Paper eject function; Low speed forward and reverse; Folding plate open / close, remove and insert function.
Detection	<b>Paper Feed Unit:</b> No paper; Misfeed; Jam; Missing document; Near-empty; Ultrasonic double sheet (on cover station only); <b>Paper Feed Shaft:</b> Remove and insert; Paper feed unit slide detection. <b>Conveyance Section:</b> Vertical jam; Ejected paper jam. <b>Folding guide:</b> Front; Centre; Back; Bottom guide open. <b>Other:</b> Overloading; Inverter problem; Communication error.

Control Method	On-line with DM-230V
Operating Modes	Manual; Semi-automatic; Fully automatic
Elevator Descent Method	Automatic; 0.5 seconds after sets removed.
Elevator Height	Adjustable: – 700-800 mm from the floor
Detection	Elevator, level plate



**GALAXY AUTOMATION SDN. BHD.** (324090-U)

Digital Imaging & Print Systems Integrator

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