

# ESPER DM-230V DIRECT MARKETING COLLATOR

## ESPER DM-230V COLLATOR SPECIFICATIONS

Number of Feed Bins	23
Paper Size	Post card to A3 Cover bin: B5 to B3
Paper Type	Standard bins: single sheets; folded sheets; booklets Cover bin: single sheets; folded sheets
Bin Capacity	Approx. 2.5"
Processing Speed	9,000 sets/hr
Noise Emission	76.6 db
Detection	Paper feed unit: no paper; misfeed; jam; missing document Paper feed shaft: remove and insert; paper feed unit slide detection Conveyance section: vertical jam; ejected paper jam Folding guide: front; center; back; bottom guide open Others: overloading; inverter problem; communication error
Power Supply	220 - 240V 50Hz
Power Consumption	4.2A 880W
Weight	1064.8 lbs.
Dimensions (LxWxH)	30" x 54.5" x 78"
Features	Paper feed timing; test feeding; fold timing; paper feed bin sequence and single; paper receiving mode; bin by bin processing quantity; bin problem display; paper eject; low speed forward and reverse; folding plate open/close, remove and insert
Options	DM-SE Stacker/Elevator; Recollating bin kit (for thicker documents); 470 mm Extension Tray (for 3.9" bin capacity)

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

## OPTIONAL DM-SE STACKER/ELEVATOR SPECIFICATIONS

Capacity	2.75" - 4.71"
Control Method	On-line with DM-230V
Operating Mode	Manual; Semi-automatic; Fully Automatic
Elevator Descent Method	Automatic; 0.5 seconds after sets removed
Elevator Height	Adjustable: 27.6" - 31.5" from the floor
Noise Emission	59 db
Detection	Elevator, level plate
Power Supply	220 - 240V 50Hz
Power Consumption	0.3A 45W
Weight	100.3 lbs.
Dimensions (LxWxH)	46.6" x 26.5" x 40.3"

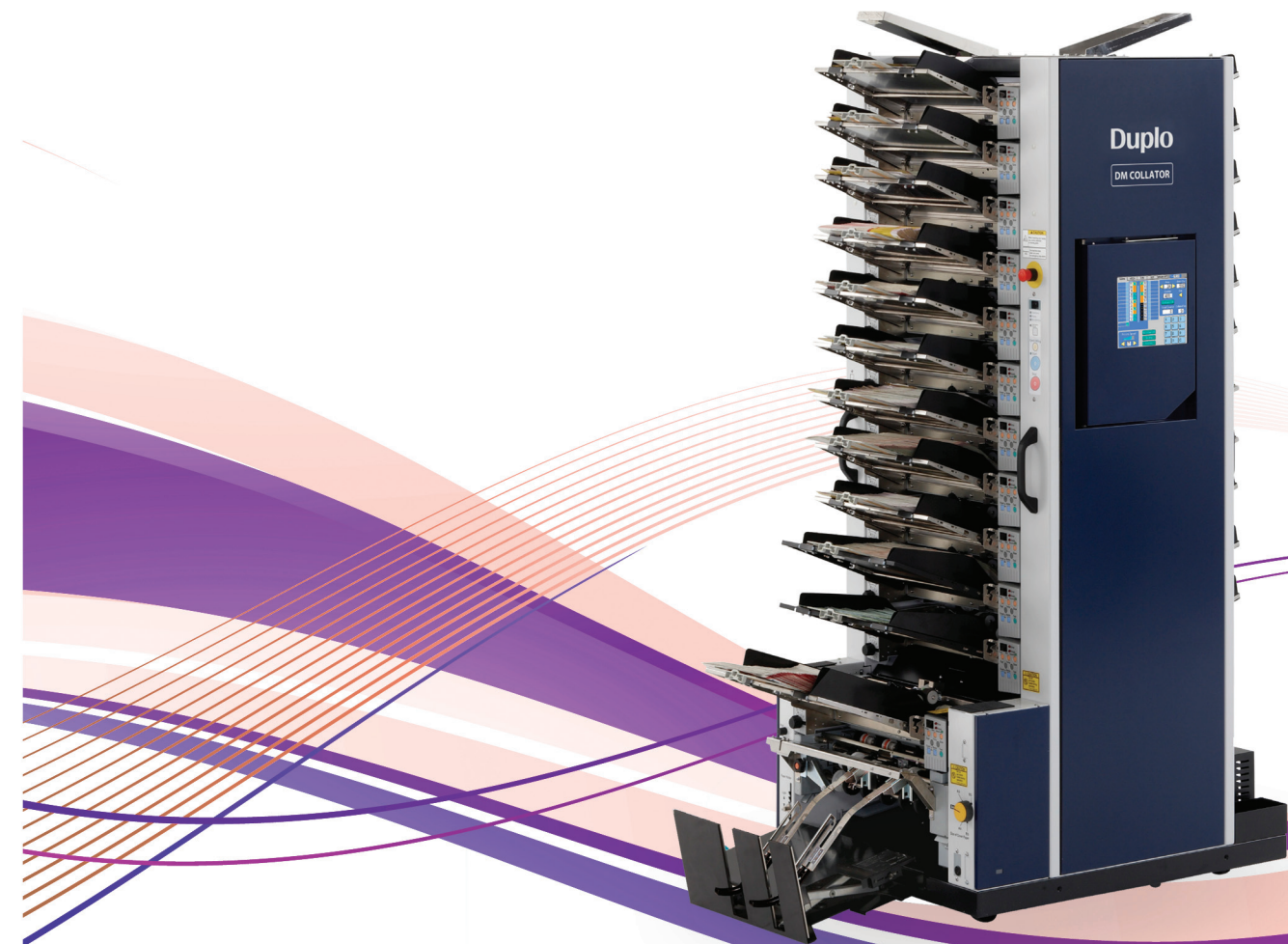
Production rates are based upon optimal conditions and may vary depending on stock and environmental conditions.  
As part of our continuous product improvement program, specifications and descriptions are subject to change without notice.

**Duplo**  
from print to documents

# ESPER DM-230V

## DIRECT MARKETING COLLATOR

Ideal for Post Offices, Private Distribution Companies, Mailing and Fulfillment Houses



**Duplo**

**Duplo USA Corporation**

3050 S. Daimler Street, Santa Ana, CA 92705 (949) 752-8222 (800) 255-1933 (949) 851-3054 fax www.duplousa.com

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# Productive, compact, reliable solution for direct marketing collating!

The unique Duplo Esper Direct Marketing Collator has been designed to meet the growing need of organizing assorted direct marketing literature prior to distribution. Sets incorporating a range of different leaflets, brochures, reply-paid postcards and many other printed advertising materials can all be reliably and quickly collated together in a wrap-around cover ready for distribution.

## EASY AND FLEXIBLE INSTALLATION

The small foot-print of the Esper DM-230V means it can be easily located in most environments. The DM-230V generates just 76.6 db of noise during operation and in terms of power, it only draws 1.1kw during operation.

The comparatively low procurement cost and compact size of an Esper DM-230V unit means that a user can invest in multiple units rather than one larger single system. This offers the advantages of flexibility in terms of being able to position the units more easily; catering for changes from a centralized to decentralized production; and in the unlikely event of



## DM COLLATOR FEATURES

- Wide range of document handling
- Fast and simple set-up
- Integrated wrap-around cover station
- Small footprint
- 23 feeding stations
- Up to 9,000 sets per hour
- Low energy consumption
- Low noise

any downtime issues, having multiple modules rather than a single large system, provides built-in back up, so you can still get the job out the door!

## FAST TURNAROUND

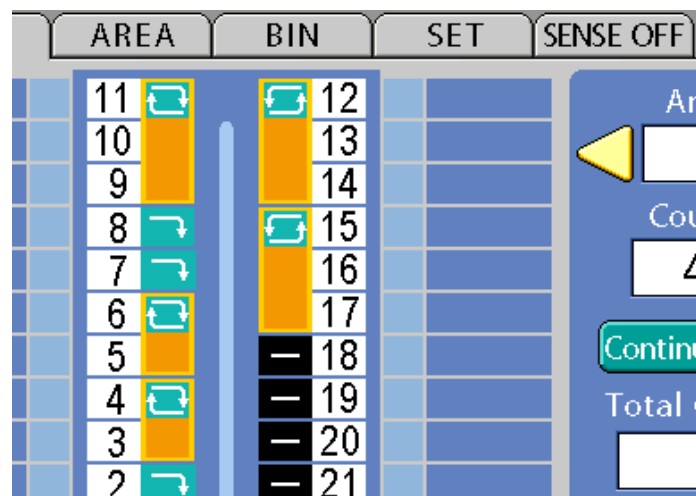
The Esper DM-230V is ideal for both short and long runs. Loading each bin is fast, with jobs being ready to run in just a matter of minutes. Operating at speeds of up to 9,000 sets/hr, the Esper DM-230V is designed for the fast production turnaround required in direct marketing campaigns. Productivity 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.

## SIMPLE OPERATION

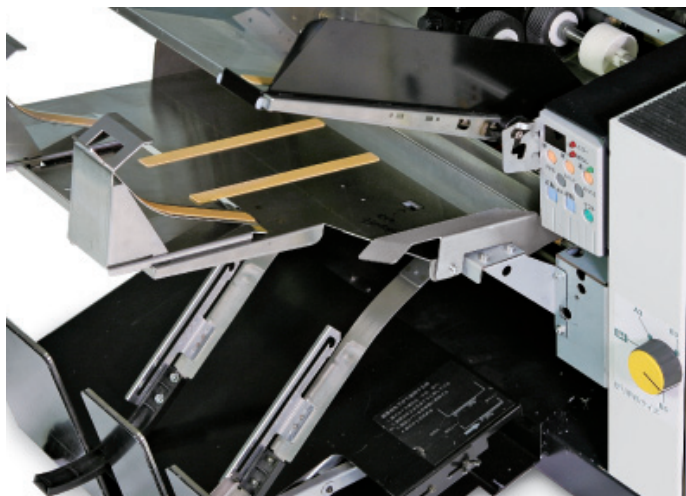
The Esper DM-230V couldn't be easier for operators to learn and use. Its user-friendly features include: a color LCD touch screen control panel; controls conveniently located next to each bin for easy operation; and LED indicator lights on each programmable bin to advise of the feeding status at any given moment. A paper separator slide on each bin enables a fast & simple changeover from thin to thicker documents. The Esper also has an optional 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. For invoices and other personalized documents, there is also an optional detection kit to ensure 100% set integrity.

## RELIABLE FEEDING

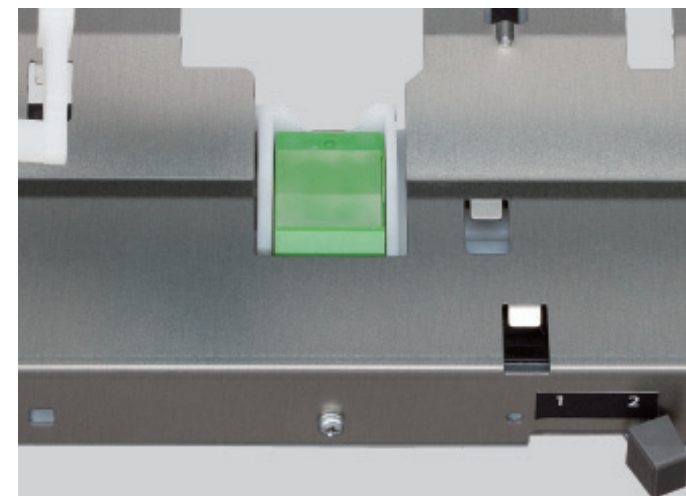
The Esper DM-230V has been professionally designed and engineered to ensure the accurate feeding and delivery of sets time after time. The patented 'Just Timing' function using independent feeding motors, aligns the edges of each sheet prior to feeding, ensuring consistent pick-up of even the most awkward 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.



Color LCD Touch Screen Control Panel



Reject Tray



Paper Separator Slide



Optional DM-SE Stacker/Elevator and completed sets