

DF-1200

TABLE-TOP SUCTION FOLDER
WITH THE OPTICAL DOUBLE FEED DETECTION

Air suction feeding
Up to 260 sheets per minute
Automatic plate set-up
Low operating sound level
Cross-fold

*Letters, Leaflets, Brochures, Menus, Bulletins, Greeting cards,
Direct mail pieces, Magazines & Newspaper inserts*



The DF-1200 is the only table-top suction folder in the market with Optical Double Feed Detection. Duplo has developed the DF-1200 by looking at the major trends in the global print market, in particular the digital colour market at which it is targeted. The suction feed helps to avoid marking and static fuelled mis-feeding notorious on friction fed paper handling systems whilst also allowing a heavier grade of paper to be fed. User-friendliness is key, with both intelligent paper size detection and automatic plate setting working together to ensure the quickest possible set-up and folding accuracy.



Folding Quality and Styles

The DF-1200 utilises two folding plates and four folding rollers to guide heavier stocks and achieve a superbly flat fold. It is equipped with 6 standard folding styles: Single Fold, Double Fold, Irregular Accordion Fold, Letter Fold, Accordion Fold and Brochure Fold. In addition, the operator can create Custom fold and Cross fold applications that give an enormous level of flexibility.



Productivity

The DF-1200 can consistently and accurately process up to 260 sheets per minute. Equipped with 5 speed levels, the operator has greater flexibility to reduce the speed for tricky jobs and increase the speed when time is of the essence. Automatic set-up ensures very high productivity and efficiency in terms of savings in cost and time.



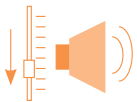
Feeding Mechanism

The DF-1200 is equipped with a top feeding suction-fed system. It is designed to handle all paper types whilst set-up is fully automatic and intuitive. The top feeding system relieves pressure on the fed sheet because there is no weight above it. This means there is no rubbing because the sheet is lifted by air suction rather than dragged through and delivered into the machine. The paper feed tray has a capacity of 625 sheets (50mm).



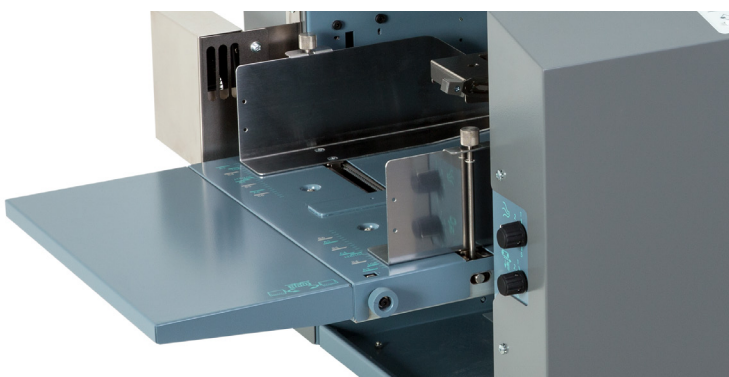
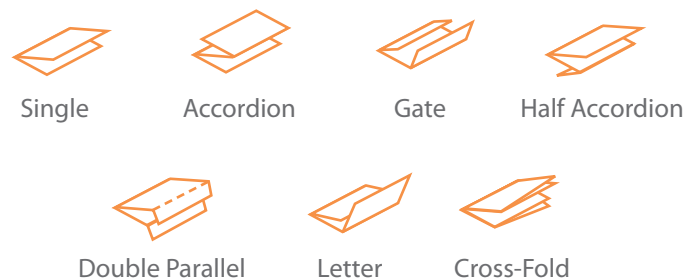
Flexibility

The DF-1200 automatically detects the standard paper sizes from A3, B4, A4, B5, A5 and B6 and automatically sets the fold position for each of the 6 built-in fold styles. For non-standard paper size the length can be inserted manually and the fold positions are adjusted accordingly.

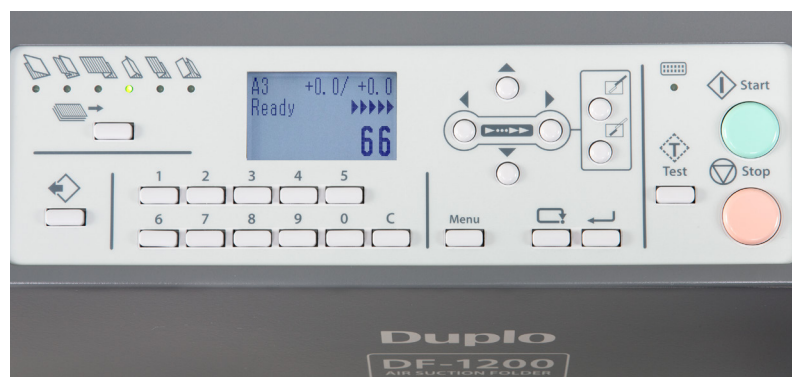


Noise Level

The new DF-1200 is the quietest table-top air suction folding machine in the market today. It is equipped with a fan not a pump and the fan system is much smaller than conventional ones so it is housed within the machine itself. The fan is also much quieter than a compressor pump, this is particularly noticeable when compared to other suction folders.



High capacity stacker



Control panel



Job Memories

The DF-1200 has 20 job memories for non-standard folds. The operator can insert the sheet length and fold dimensions through the control panel and can save the jobs which can be recalled for future use. Once an operator enters the folding parameters and presses the test button, all parameters are automatically adjusted.



Optical Double Feed Detection

The DF-1200 is the only table-top air suction folder in the market equipped with Optical Double Feed Detection, ensuring the integrity of the folding process. Optical Double Feed Detection ensures just a single sheet is processed at a time, which is particularly important when folding personalised letters and documents.



Batch Mode/Interval Function

The benefits of this feature are multifaceted. In terms of productivity alone, it ensures the machine can be run at a continuous speed with a short pause at set intervals, to enable the operator to offload without completely stopping the machine – essential on a long run.



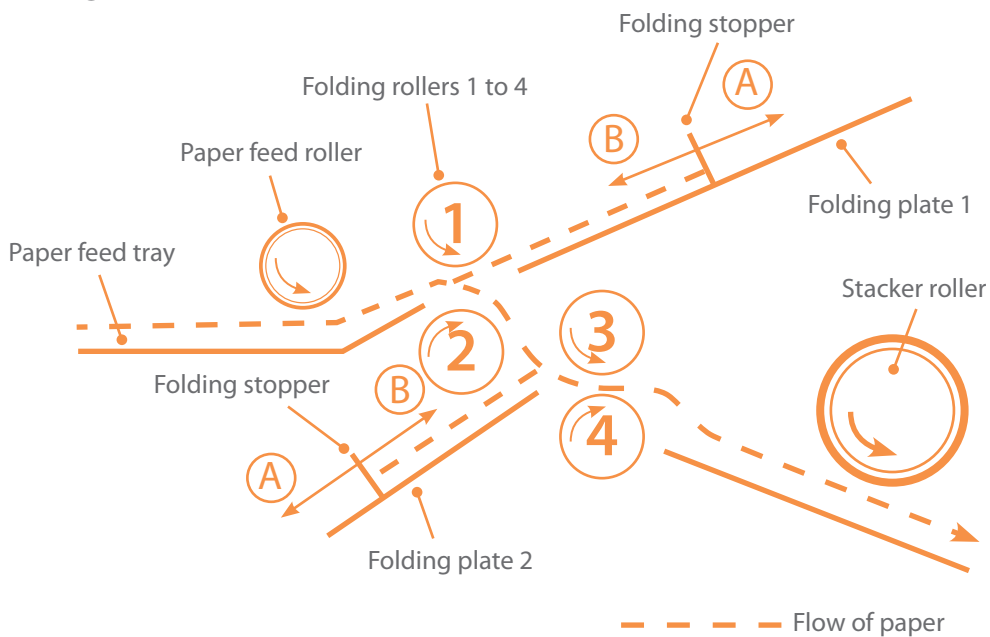
Optional Side Air Kit

The DF-1200 has an Optional Side Air kit for better paper separation and smooth feeding.

Low Space Requirement

The DF-1200 has a compact footprint making it the ideal solution for small workspaces.

Folding Process



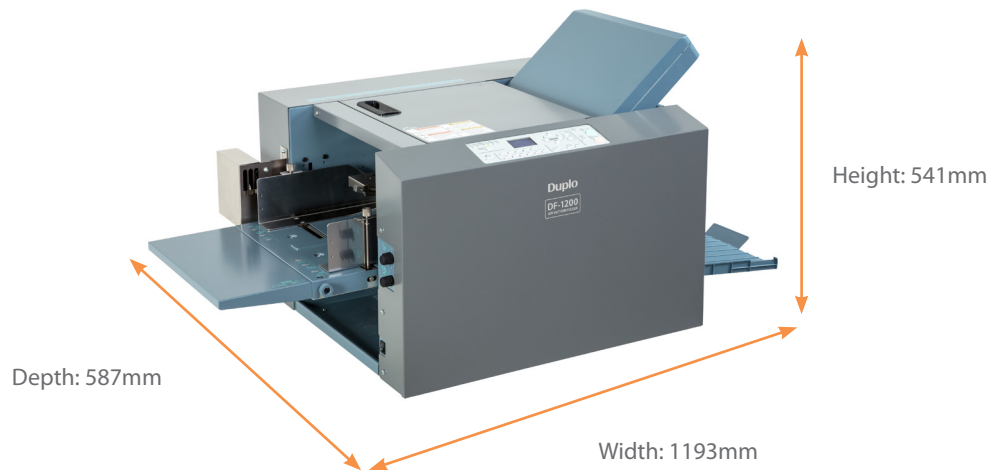
Side air kit



Delivery tray

Technical Specifications

Type	Desktop folder	Paper Feed Tray	50mm
Feeding Mechanism	Suction (Fan motor)	Optical Double Feed Detection	Yes
Minimum Paper Size	182 to 457.2mm	Automatic Fold Position Setting	Yes
Maximum Paper Size	120 to 311mm	Counter	Up & Down
Paper Quality	Fine quality, Recycled, Stencil, Art and Coated	Error Detection	Paper empty, Miss-feed, Paper jam, Double feed detection, Paper size error
Paper Weight	52.3 – 157gsm 230gsm when A4 sheet is single folded	Standard Paper Size Detection	A3, B4, A4, B5, A5, B6
Folding Mode	Single fold, Double fold, Irregular accordion fold, Letter fold, Accordion fold, Cross fold & Custom fold	Interval Function/ Batch Mode	Yes
Processing Speed	260 sheets/minute (15,600 sheets/hour)	Sound Level	74.3dB
Job Memories	20	Current Consumption	With Side Air Kit 175W (1.8-0.7A) Without Side Air Kit 130W (1.3-0.6A)



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Production rates are based on optimal operating conditions and may vary depending on stock and environmental conditions.



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