

Duplo

150 Booklet System

ENTRY LEVEL PROFESSIONAL BOOKLET MAKING



Ideal for low to mid-volume runs
Consistent and reliable sheet feeding
Automated set-up and easy operation
Speed up to 2400 booklets per hour
Modular configuration allows upgrade

Menus, Brochures, Catalogues, Newsletters, Corporate Reports
Loop stitched brochures for ring binders, Manuals
Collated work for binders, NCR sets

SPECIFICATIONS

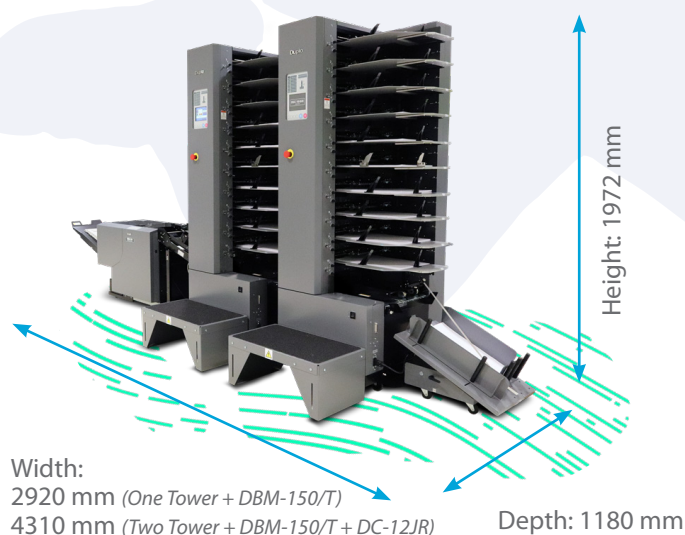
The Duplo 150 Booklet System permits you to enter levels of professional booklet making by combining the convenience of the DBM-150 Booklet maker and the power of the DSC-10/60 Collator. Starting with this system allows you to join a growth path for your business. Adapt and change the system as your needs develop by changing the collator to sheet feeder for sequentially printed jobs, or the booklet maker to a larger, faster alternative from the Duplo range.

Built around the DSC-10/60, a heavy-duty feeding system, provides the user with the power, reliability and flexibility to handle a wide range of material with consistent results. Heavy stock, laminated, pre-folded, whether produced from a digital or offset press, can be handled confidently using the Duplo AMS (Air Management System) that allows the operator to fine tune air control for each feed tray. Using Block Mode operation enables the feed trays to be loaded on the run, improving productivity, whilst the optional Ultrasonic kit automatically identifies double sheets, a superior feature to common light-based detection systems especially for heavy cover stock.

To the left is the DBM-150 Booklet maker and Trimmer, a compact integrated system that sets up automatically from job memories to staple, fold and fore-edge trim to create a booklet or flat document. A wide variety of booklet formats from smaller-than-CD to A4 portrait finished size are possible. The ease-of-use is further enhanced by staple heads which use easy-change cartridges and can be replaced with a loop-staple version to form ring staples suitable for filing. Connecting the collator and booklet maker is a transport unit with reject tray to outsort incorrect sets, allowing operation to continue without interruption, another feature that maintains automatic quality control and production levels without unnecessary stoppages. Also included is a hand-feed tray that allows a booklet of up to 25 sheets to be made. For when you don't want to make booklets, the collator can feed to the right side and collect sets in a simple jogger or deep pile stacker; useful for preparing NCR sets, packs of marketing material, or documents to be coil or perfect bound.

Service the production from offset and multiple digital presses without being restricted to one print engine. The 150 Booklet System provides the platform that lets you translate a wide variety of media, into a range of sizes to meet your customer demands.

DBM-150/T BOOKLET MAKER & TRIMMER		DSC-10/60 COLLATOR		* specifications depends on receiving device
Sheet length (saddle staple)	210 to 460 mm	Number of Bins	10 to 60	
Sheet width (saddle staple)	120 to 320 mm	Bin Capacity	65 mm	
Media	60 to 130 gsm, Cover 300 gsm	Sheet Length	148 to 610 mm	
Staple/fold thickness	Max. 2.5 mm (25 sheets 80 gsm)	Sheet Width	105 to 350 mm	
Processing speed sets/hour	2,400	Paper weight	50 to 300 gsm	
Staple width	70, 108, 160, 258, and 276 mm	Paper type	Sheet, Folded, Cross-folded Envelope (Option)	
Staple capacity	5,000 per cartridge	Detection	Double-feed, misfeed, paper jam, Ultrasonic kit (Option)	
Trim length	1 to 20 mm	Feed System	Vacuum belt with air sheet separation	
Trim thickness	2 to 25 sheets folded (max. 5 mm)	Other Features	Cover insert function Alternate mode Block function (1/2, 1/3, 1/4) Processing speed Paper overlap amount Counter backup function Paper thickness memory function Left/right ejection direction Manual feed (LUL-HM) Reject function (LUL-HM) Operation type memory function	
Corner and Side Staple	Option kit			
Sheet length	180 to 231 mm			
Sheet width	200 to 320 mm			
Corner staple	A4 long edge leading			
Number of sheet	2 to 25 sheets 80 gsm A4 2 to 20 sheets 130 gsm A4			
Maximum thickness of document	2.5 mm (25 sheets 80 gsm)			
Processing speed sets/hour	2,400 (10 sheets 80 gsm A4)			
Small booklet kit	Included			
Loop staple Kit	Option			



DBM-400 STR STACKER	
Sheet Length	139 to 500 mm
Sheet Width	210 to 350 mm
Capacity	430 mm
Straight stacking speed sets/hour	4,500 to 9000
Offset stack speed sets/hour	3,600

DC-12JR JOGGER	
Sheet Length	140 to 500 mm
Sheet Width	200 to 350 mm
Capacity	80 mm
Straight stack speed sets/hour	< 10,000
Offset stack speed sets/hour	Not available