Specifications

DBM-150, DBM-150T
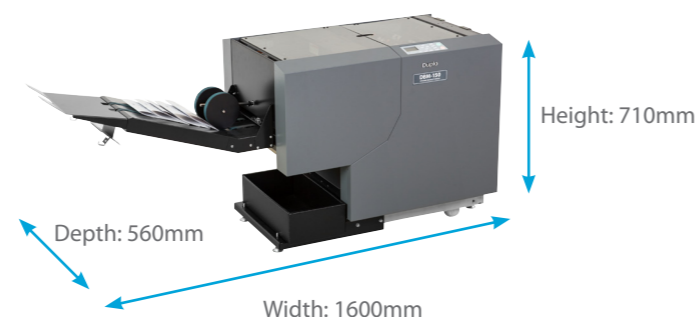
Booklet size	Saddle stapling and folding	Length 210 to 460 mm Width 120 to 320 mm Standard size: A5SEF, A4 SEF, A4 LEF, A3 SEF, A3SR SEF, B5 SEF, B4 SEF, LGR SEF, LGL SEF, LTR SEF, LTR LEF, STMT SEF
	Side stapling (option)	Length 180 to 231 mm Width 200 to 320 mm Standard size (Side stapling): A4 LEF, B5 LEF, LTR LEF Standard size (Corner stapling): A4 LEF, LTR LEF
Paper type		Fine quality: 64 to 127.9gsm, Art/Coated: 104.7 to 127.9gsm Cover: Fine quality, Art/Coated within 300gsm
Stapling Thickness		Fine Quality: within 2.5mm (Maximum of 25 sheets regardless of paper weight) Art/Coated: within 2.0mm (Maximum of 20 sheets regardless of paper weight)
Max processing speed		2400 sets/hour (fine quality 81.4 gsm / within 10 sheets saddle staple/fold A5 finished)
Stapler		ISABERG RAPID R952
Stapling width		70, 108, 160, 258, and 276mm (2.76, 4.25, 6.30, 10.16 and 10.87inch)
Trimming waste width		1 to 20 mm
Number of sheets that can be trimmed		4 to 50 sheets
Staple capacity		5,000 staples per cartridge
Detecting function		Paper jam (in-feed section, stopper section, ejecting section), Staple near empty, Corner and Side Staple Kit detection, Cover open/close, Knife stop position error, Motor overload detection, Folding roller gap
Operation panel		LCD control panel (DBM-150)
Noise emission		Equivalent continuous A-weighted sound pressure level: 75.2 Sound pressure level: 92.5 (measured at 1 m away from the control panel, 1.5 m from the floor)
Power supply		120 to 240 V 50/60 Hz
Current consumption		DBM-150: 130W 1.2-0.7A DBM-150 + DBM-150T: 230W 2.2-1.1A
Net weight		137kg

Corner and Side Staple Kit

Paper Size	200x180 - 320x231mm
Number of sheets	Fine quality 2 - 25 sheets (81.4gsm, A4SEF or LTR) Art, Coated 2 - 20 sheets (127.9gsm, A4SEF or LTR) *1
Maximum thickness of booklet	Fine quality 2.5mm *2 Art, Coated 2.0mm *2
Processing speed	2,400set/h (A4 or LTR, 81.4gsm, 10 sheets)

*1 There are restrictions for quantity of stitch when using cartridge by paper with regards to weight and number of sheet.

*2 There are restrictions by paper weight. The maximum number of sheets must not be exceeded.

Height: 710mm
Depth: 560mm
Width: 1600mm

Duplo®
from print to documents

DBM-150
BOOKLETMAKER AND TRIMMER

THE WORLD'S SMALLEST FULLY AUTOMATIC BOOKLETMAKER AND TRIMMER

Fully automated bookletmaking system
Speed up to 2400 books per hour
Sheet by Sheet or Set by Set
Modular

University Prospectus, Menus, Catalogues, Brochures, Coupon booklets, Yearbooks, Magazines, Small Information Booklets, CD Booklets, Order of Service

The DBM-150 is the world's smallest fully automatic bookletmaker and trimmer. Equipped with Duplo's superior engineering within a compact footprint. It can produce finish documents either sheet by sheet or set by set. The DBM-150 is designed to meet the challenges of today's offset and digital printer. Duplo has bundled the features of the big bookletmakers into this uniquely compact system.

Compact footprint
The 150 Bookletmaker and Trimmer is 13% smaller than its predecessor the 120. The small footprint of this booklet system makes it easy to install in places with limited space. The DBM-150 and DBM-150T is the ideal companion for low to mid volume users such as Quick printers, Copy shops, in-plants and digital printers. Despite its small size, this system can finish a wide range of applications.

Media
The DBM-150 can finish wide range of applications. It can handle sheet sizes from 120mm x 210mm to 320mm x 460mm and paper weights from 64gsm to 300gsm. The small booklet kit is standard in the DBM-150.
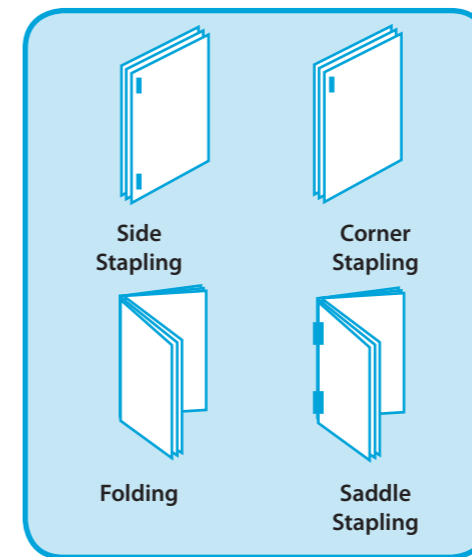
User-friendly
The DBM-150 bookletmaker and trimmer features a state of the art control panel which is very simple and easy to use. The operator can set up a job in four simple steps. Everyone can operate the DBM-150 with or without very little training. It is the most user-friendly bookletmaker in its class!

Automatic set-up
The booklet size on the 150 Bookletmaker and Trimmer can be changed without any tools and takes only a few seconds. Simply select the required size and the guides and trimming position adjust automatically. If required, the operator can adjust the stapling position manually.

Finishing modes:
The DBM-150 can finish side stapling, corner stapling and fold saddle stapling applications. It is also possible to produce fold only applications.

Side Stapling   Corner Stapling

Folding   Saddle Stapling

Speed
The 150 Bookletmaker and Trimmer can produce up to 2400 books per hour.

Trimmer
The 150 trimmer is fully automatic and is programmed from the 150 bookletmaker. The operator can adjust the trimming position from 1 to 20mm.

Hand-feeding
The 150 Bookletmaker and Trimmer can be used as a stand-alone system. The operator can manually feed sets through the hand feeder, which is ideal for very short run or pre-collated jobs.

Modularity
This highly modular system and can be customised according to the end users needs, allowing them to configure and expand as their demands change. The DBM-150 and DBM-150T can be configured to the DSC-10/20, DSF-2200 and DFC-100.
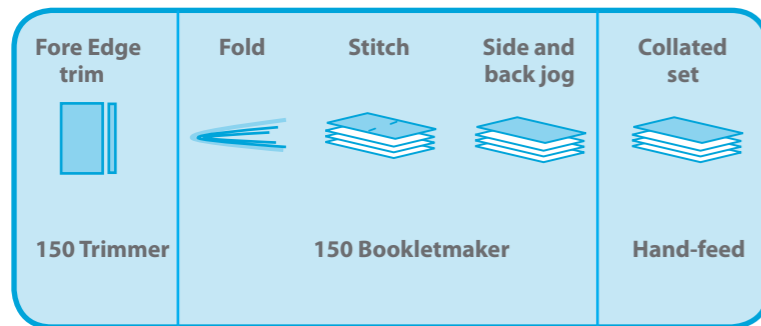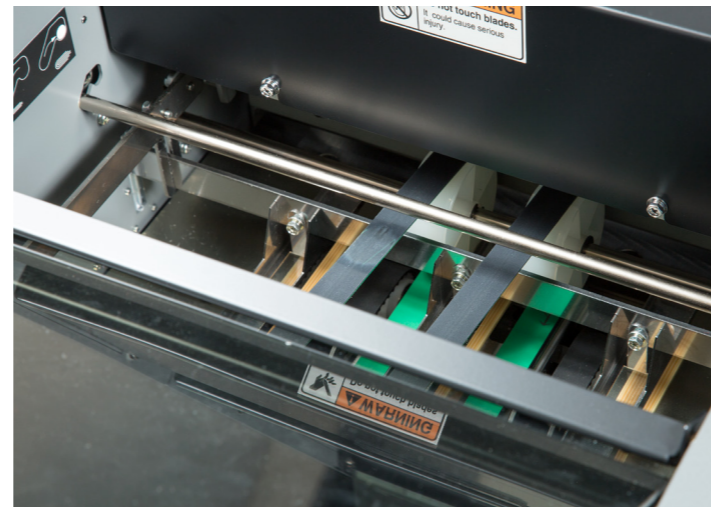
Booklet Making Process

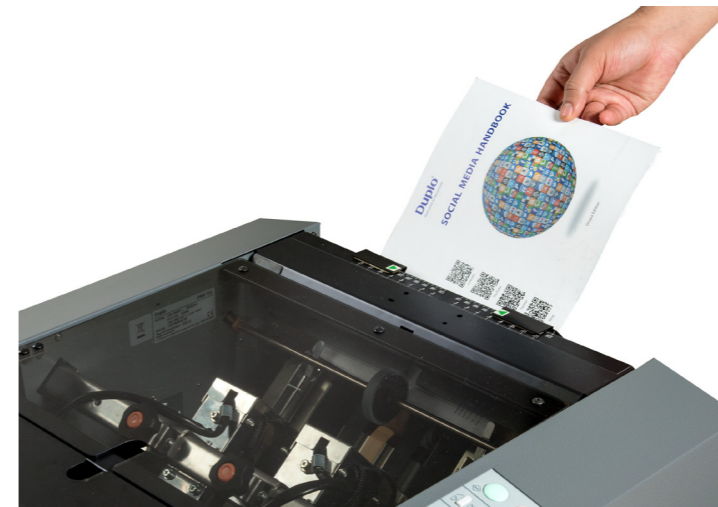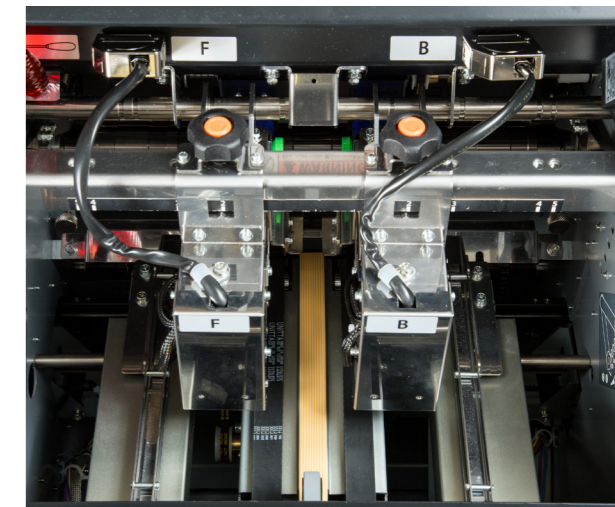| Fore Edge trim	Fold	Stitch	Side and back jog	Collated set
150 Trimmer	150 Bookletmaker			Hand-feed

DBM-150 Panel   DBM-150 Stacker   DBM-150T Trimmer   DBM-150 Hand feed   DBM-150 Staple Heads