

SYSTEM 3500

FULLY AUTOMATED BOOKLETMAKING
SYSTEM WITH INTEGRATED SPINE PRESS

Quick and simple set-up
Built in spine press unit
3,000 A5 booklets per hour



Duplo presents the first automatic finishing machine with an integrated spine press. The System 3500 is capable of producing up to 3,000 A5 booklets per hour and collating up to 9,000 A4 sets per hour whilst maintaining complete accuracy. The System 3500 comprises the versatile suction-fed 10/60 pro collator* and the DBM-350/350T dynamic bookletmaker and trimmer.



The System 3500 has a number of fine adjustments to ensure that the applications produced are of a high quality.



The quick automatic set-up allows any adjustments to be made in a matter of seconds. Should the stitch, fold or trim positions need to be altered, simply



select the fine adjustments option on the control panel and change the parameters by 0.1mm.

The DBM-350 bookletmaker offers complete flexibility by accepting both set by set and sheet by sheet pre collated output from digital printers.



The settings of the integrated spine press can also be modified to cater for different jobs. The DBM-350 delivers up to 9 spine presses, perfect for handling thicker booklets.



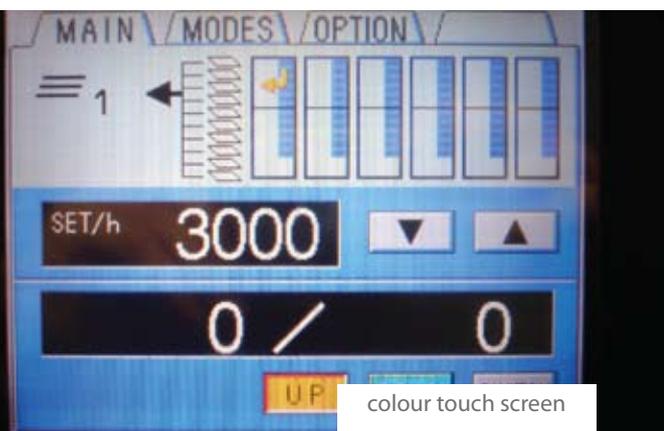
The DBM-350T trimmer features a continuous conveyor that delivers all off cuts to an external waste tray. This allows the machine to be run without any interruptions and ensures that any off cuts are quickly removed.

DC-10/60 pro collator

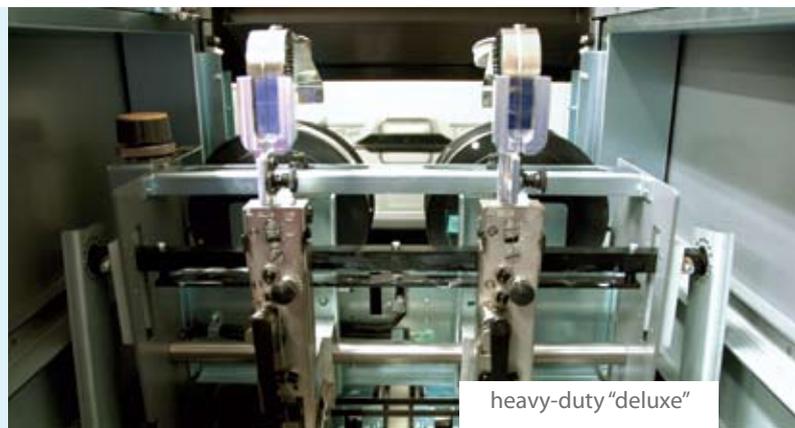
The high speed DC-10/60 pro collator features an advanced feeding system capable of handling stocks in a variety of sizes and weights. Each bin is equipped with two adjustable high-powered fans that contribute to its accurate and consistent feeding, even for stocks up to 300 gsm. The DC-10/60 pro also ensures reliability with its renewed double feed detection feature.

The DC-10/60 pro is a high production machine, its rapid 9,000 sets per hour speed and high stacking 65mm bin capacity mean that deadlines can be met with ease. A variety of collating modes are available on the DC-10/60 pro such as block mode and alternate mode, both of which contribute to its high productivity. The new "waiting mode" feature increases productivity by up to 10%.

If a miss or a double occurs twice from the same bin, all feed heads will remain at the correct feeding height so that production can quickly resume. The large intuitive colour touch screen control panel allows the operator to monitor the progress of each job at all times. Simple error messages such as double and missfeed are clearly displayed and recorded to ensure that there is a true total count of each job. The new "greener" touch screen panel incorporates a "stand by mode" providing cost savings to the customer, whilst providing a more environmentally friendly product. Just like the DC-10/60, the DC-10/60 pro collator can connect to a number of bookletmakers and sheet feeders making it very easy to upgrade the system should the business's demands grow.

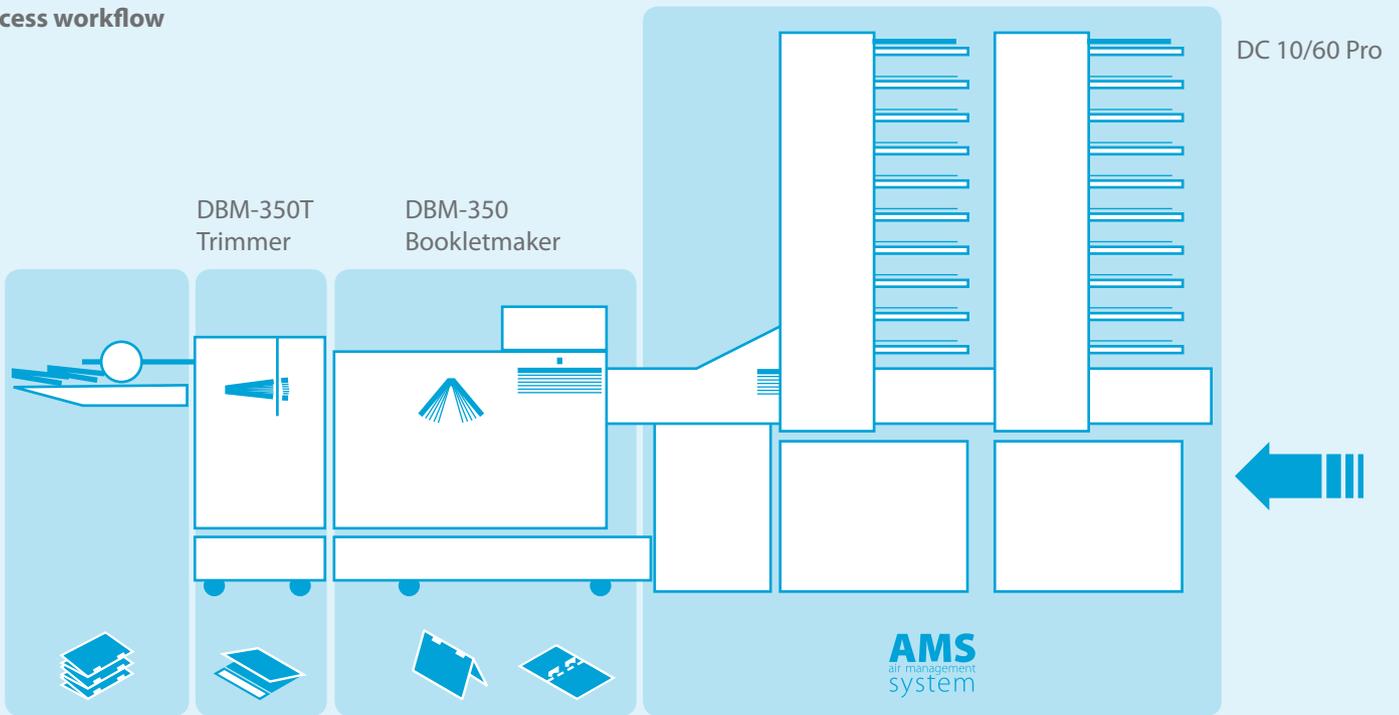


colour touch screen



heavy-duty "deluxe"

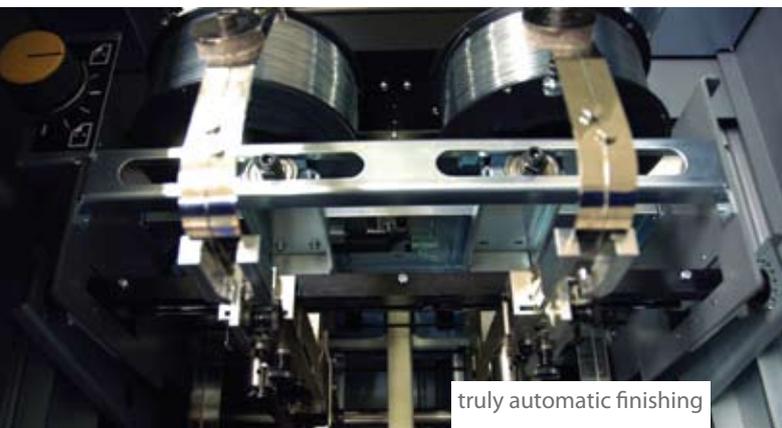
Process workflow



DBM-350/T

Dynamic Bookletmaker and Trimmer. Truly automatic finishing: there is no need for manual intervention on the DBM-350, the easy touch button set-up makes switching jobs effortless. By simply entering the parameters of the job, all stitch, fold and trim positions are automatically adjusted. User-friendly, the DBM-350 features a simple and easy to use screen that guides you through the set up process. By simply scrolling through the menu, the operator can fine adjust the settings on the bookletmaker, spine press and trimmer. 20 programmable job memories can also be found on the control panel should the operator wish to quickly switch jobs. Enhanced quality of booklets. The DBM-350 is Duplo's first bookletmaker to feature an integrated spine press, perfect for creating professional looking booklets. The settings of the spine press can easily be adjusted to match the thickness of the booklet.

Multiple applications. The DBM-350/350T has a range of options to help customise different jobs. Corner stitching: The corner stitch kit is an ideal solution to keep those collated sets together. By using this option, an even larger variety of applications can be produced. Small booklet kit: By using the small booklet kit, the operator can produce booklets as small as 105 x 100 mm, perfect for producing applications such as CD covers. Hohner loop stitching heads: Producing booklets with loop stitch can add real value to your documents. The loop stitch option makes it easy to insert booklets into a 2 hole ring-binder. 6 Page Insert Kit: The unique 6 Page Insert Kit enables the DBM-350 to produce a 6 page booklet with A4 pages and an A3 wrap around cover.



Specification

Specification DC-10/60 Pro

Number of Bins:	10, 20, 30, 40, 50, 60
Paper Size :	Min.120 mm × 148 mm Max. 350 mm × 500 mm
Paper Weight:	52-300 gsm
Bin Capacity:	65 mm
Detection:	Double-feed, misfeed, paper jam, paper, transport jam, bin empty
Speed:	Bookletmaking - up to 3,000 A5 booklets per hour* Collating - up to 9,000 sets per hour*
Feed System:	Vacuum belt with air sheet separation

Other Features:	Colour touch screen control panel; twin conveyor vertical paper transport; left or right exit selection; automatic bin selection; 4-step overlap controls; multi-step speed adjustment; screen save mode; block mode; waiting mode; interleaving sheet insertion; reject tray (right and left); hand-marry unit
------------------------	---

Connecting Devices:	DBM-120/350/500; DC-12JR Rear Jogger; DC-8000S ST; Sheet feeders
----------------------------	--

Dimensions (L × W × H):	630 mm × 750 mm × 1972 mm when connected to the lift unit
--------------------------------	---

Power Consumption:	230 V 50 Hz 4.5 A
---------------------------	-------------------

Weight:	298 kg
----------------	--------

Specification DBM-350 Bookletmaker

Sheet Size:	Min.148 mm × 210 mm Max. 320 mm × 460 mm
Sheet size with corner stitch option:	Min 182 mm × 257 mm Max 215 mm × 297 mm
Paper Capacity:	20 sheets (Cover × 1 (300 gsm + 19 sheets 81.4 gsm equivalent))
Speed:	3000 (A5) booklets per hour
Detection:	Wire draw detection
Number of Stitcher Heads:	2
Stitch Positions:	Saddle, none (fold only). Corner and side (optional)

Other features:	Spine press (0-9 presses)
------------------------	---------------------------

Programmable Memory:	20 memory settings
-----------------------------	--------------------

Dimensions (L × W × H):	1820 mm × 650 mm × 1030 mm
--------------------------------	----------------------------

Power Requirements:	230 V - 50 Hz - 3.8 A
----------------------------	-----------------------

Weight:	230 kg
----------------	--------

Connecting Devices:	DC-10/60 and DC10/60 Pro Collators, DBM-350T Trimmer, Sheet feeders
----------------------------	---

Options:	Hohner loop stitching head; Small Booklet kit; 6 page insert kit; Corner/Side stitch kit
-----------------	--

Specification DBM-350T Trimmer

Trimming Mechanism:	Upper and lower shearing action
Booklet Sizes:	Min.105 × 148 Max.230 × 320
Trimmed Booklet Sizes :	Min.85 × 148 Max.230 × 320
Trim Margin:	1 to 20 mm
Speed:	3000 (A5) booklets per hour

Other Features:	Jam detectors; inter-locking safety covers; automatic setting exit rollers; bypass for documents that do not need a face trim; trim/no trim; trim scrap-box-full sensor; spine compression
------------------------	--

Dimensions (L × W × H):	920 mm × 650 mm × 841 mm (incl. Belt Stacker)
--------------------------------	---

Power Consumption:	230 V - 50 Hz - 3.3 A
---------------------------	-----------------------

Weight:	80 kg
----------------	-------

*Dependent upon connected devices and number of bins in use

Duplo International Limited

Sandown Industrial Park
Mill Road, Esher, Surrey
KT10 8BL, United Kingdom

T: +44 (0) 137 246 8131 - F: +44 (0) 137 246 0252
info@duplointernational.com - www.duplointernational.com

Duplo is a trade mark of the Duplo Corporation. Duplo has a policy of continuous improvement and reserves the right to amend the above specifications without prior notice.

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



Ref: I-SYSTEM3500/v1