

Specifications

Digital System 445

Job Memories	30
Online/Offline	Yes/Yes
Spine Press	Standard
Square Spine	Optional
Trimmer	Standard
System Dimensions mm	3500 x 600
Power Supply	230V 60Hz 15A

DC-445 - Creaser

Speed	50 sheets per minute
Feed System	Top feed, separation on two sides, with air knife, reduced image damage
Integrity	Ultrasonic sheet detection, camera for end of set/barcode control
Max Paper Size mm (LxW)	460 x 320
Min Paper Size mm (LxW)	140 x 150 (before side trimming)

DBM-350 - Bookletmaker

Speed (booklets per hour)	3,000
Max Sheet Size mm (LxW)	460 x 320
Max Book Size mm (LxW)	230 x 320
Min Sheet Size mm (LxW)	210 x 148
Min Book Size mm (LxW)	85 x 148 (trimmed) 100 x 105 (trimmed) with small booklet kit
Fore Edge Trim	20 mm

ASM-350 - Square Spine

Speed (booklets per hour)	1400
Max Book Size mm (LxW)	250 x 350
Min Book Size mm (LxW)	80 x 120
Max Book Thickness mm	6.5

Typical Speeds - Books/hour

(Sheets) 1	1412
2	920
5	545
10	320
15	230
20	180

Slitting	Up to 55mm, minimum subject to quality of paper
Paper Weight gsm	110-350gsm Lighter weight paper subject to condition of media
Online/Offline	Yes/Yes
Weight	114 kg (with cabinet)

Folding Capacity	20 sheets 80 gsm
Stitch/Staple	Stitch
Detection System	Out of wire
Weight	230 kg
Options	Small booklet kit, Hohner stitching heads, Loop stitching heads

Machine Dimensions mm (LxWxH)	745 x 707 x 1242
Power Supply	230V 50Hz 3A
Weight kg	132 kg

Duplo[®]
from print to documents

DIGITAL SYSTEM 445

CUT, CREASE AND CREATE BOOKLETS IN ONE PASS

Fully automated bookletmaking system
Optional OMR and barcode reader
Built in spine press
Modular


Brochures, CD/DVD covers, Menus, Flyers and Mailers



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Duplo presents the Digital System 445, a system that cuts, creases and creates booklets all in one pass. It features an integrated spine press for flatter books and optional ASM-350 Square Spine for that perfect bound effect.

Digital Print

Quality is always maintained on the Digital System 445, each sheet can be creased before entering the bookletmaker, to ensure that no cracking is caused after folding.

Side trimming

The Digital System 445 is capable of side trimming with the optional slitter module. This is an excellent feature, allowing digitally printed sheets to be loaded straight into the system without having to be guillotined.

Easy to operate

By entering the parameters of the job on the DC-445 module, all of the settings are automatically adjusted on the entire system, allowing for a quick set-up. Switching between jobs is quick and easy with its 30 job memories.

Variable data jobs

The optional scanner unit enables the operator to produce an array of jobs including personalised work and variable data jobs. The scanner unit can also be switched over to facilitate Optical Mark Recognition (OMR). This feature allows the system to recognise the end of a set, ensuring that the correct number of sheets are fed.

Lower running costs

Stitching wire has a significant advantage over staple, not only is stitching wire cheaper than staples, but the quality of the finished book is a great deal better. A spool of stitching wire also has a high yield of stitches allowing for less user intervention when replacing consumables

Options

Slitters: Provides continuous slitting along the sides of documents, no need to guillotine during the finishing process.

Air knife: This feature assists with the feeding of digital stock, particularly with the separation of sheets affected by static.

Double detection: An ultrasonic device that ensures that there are no doubles during operation.

Scanner unit: The optional scanner unit has dual functionality; switch between Optical Mark Recognition (OMR) or the Barcode reader.

Small booklet kit: Allows the operator to produce booklets as small as 105 x 100 mm (W x L), perfect for producing CD books.

DC-445 DuCreaser

The automatic suction feeder ensures the consistent delivery of sheets with no risk of marking. The DC-445 module is extremely versatile and can produce up to 15 creases on a sheet; these can be adjusted in 0.1mm increments ensuring a high degree of positioning accuracy.

DBM-350 Dynamic Bookletmaker and Trimmer

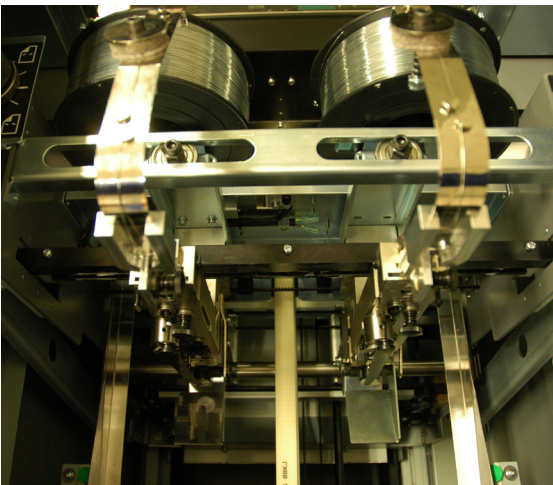
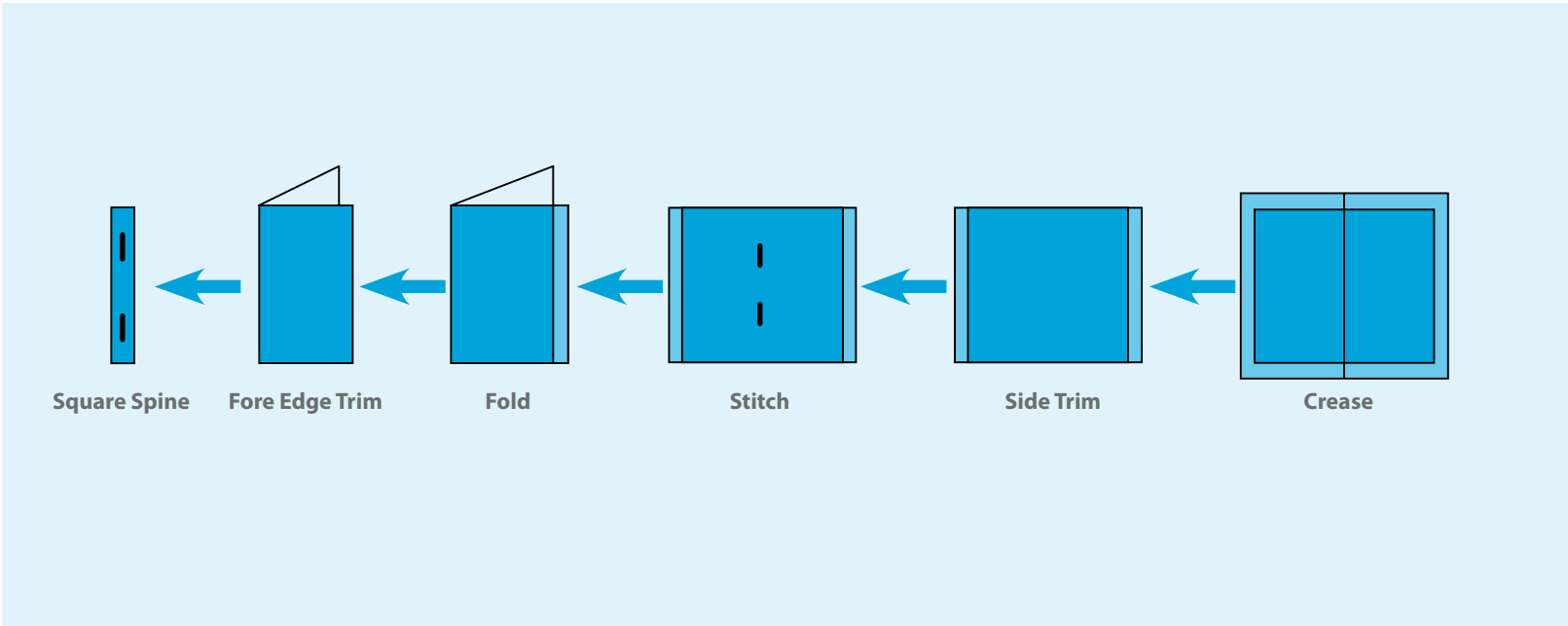
The DBM-350/350T produces booklets with ease with its fully automated Deluxe stitching heads. The DBM-350/350T module also features an integrated spine press to ensure that all booklets are finished to a high standard.

ASM-350 Square Spine

The optional ASM-350 Square Spine creates real added value. It's an ideal way to create professional looking booklets with that perfect bound effect.

Modular

All three modules that make up the Digital System 445 can also be used as standalone machines, even when connected. The connection bridge on the DC-445 can easily be moved to act as a delivery tray, there is also a hand-feed feature on both the DBM-350 Bookletmaker and ASM-350 Square Spine.



Deluxe stitching heads



DBM-350 Bookletmaker



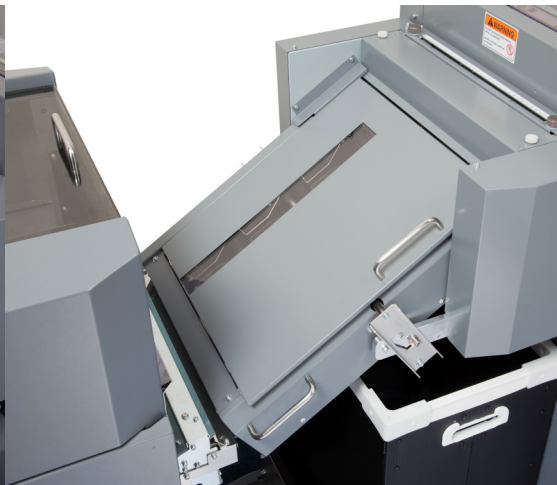
DC-445



Hand feed on ASM-350



DC-445 as standalone machine



DC-445 connection bridge