

excellent range of features

Optimising and editing the original before printing is incredibly simple and the huge range customisations means just about all requirements are catered for.

ticketing

The ticketing function allows the user to print anything from 1 to 25-up on a single sheet from a full-sized original. This can reduce paper consumption and is great for saving money.



zoom
50%...51...52... ..498...499...500%

All the standard enlargement/reduction ratios are pre-loaded into the machine whilst a custom scaling feature enables the user to fine adjust in 1% steps from 50-500%.



contrast & brightness controls

To emphasise photographic detail, the operator can make fine adjustments to the brightness and contrast in the printer driver. For hardcopy originals, the user adjust the scanner sensitivity to pick out more detail. After mastermaking, the print darkness can be fine adjusted to ensure optimum results.

superb photos & text

The Duprinter can be quickly configured for printing photos, text, graphics or combinations using the built-in single-button image mode options.



colour

The addition of a spot colour adds real value to a document and is possible by exchanging print drums. The range of 12 standard inks plus a custom colour matching service means every requirement can be catered for.



clean master removal system

The specially developed master ejection system is unique to Duplo and is the quickest, cleanest system available. Used masters are wrapped around a plastic core. Once full, the used masters simply slide off the core and into the bin.

Specifications

Model Type	DP-S550	DP-S850
Processing Method	Scanning top / USB interfaced	Thermal digital master making
Resolution	300 x 600 dpi	600 x 600 dpi
First Print Speed	18 sec (A4)	
Print speed	45 - 150 ppm (A4), 45 - 130 ppm (A3)	
Scanning Area (Max)	293 x 428 mm	
Print Area (Max)	290 x 423 mm	
Paper Size (Min)	100 x 150 mm	
Paper Size (Max)	297 x 432 mm	
Paper Feed Capacity	1200 sheets (80 gsm)	
Stacking Capacity	1200 sheets (80 gsm)	
Paper Weight	50 - 210 gsm	
Ink Volume	1000 ml	
Master Setting/Removal	Automatic	
Dimensions (W x D x H) - In use	1360 x 688 x 1080 mm	
Dimensions (W x D x H) - Stored	754 x 688 x 1080 mm	
Net Weight	100 kg	
Power Supply	230V 50Hz 1.6A	
Power Consumption - master make	USB1.1 (MS Windows 2000, XP)	
Computer Interface	Mac (OS10.3, 10.4)	

Features

Reduction / Enlargement	70, 81, 86, 115, 122, 141 %	
Free Zoom	50 - 500 % (1 % increments)	
Margin Shift	90 - 99 % (1 % increments)	
Registration Adjustment	+/- 15 mm vertical (electronic)	+/- 15 mm vertical (electronic)
	+/- 10 mm horizontal (manual)	+/- 10 mm horizontal (electronic)
Contrast Control	Scan density: 5 levels	
	Master density: 5 levels	
	Print density: 5 levels	
Image Modes	Text, photo, text / photo, photo / text, pencil, screen coarse, screen fine	
Multiple Exposure	2 - 4 - 8 - 16 up & custom	
LCD Document Preview	No	Yes
Paper Size Detection	No	Yes
Master Remain & Ink Remain Counter	Yes	
Confidential Mode	Yes	
Memory Mode	9 settings	
Job Memory	Last master remake without scan	
Book Shadow Erasure	Yes, adjustable	
Image Rotation	90, 180 degree	
Batch Modes	Batch / sequential batch	
Fine Start	Yes	
Energy Save Mode & Auto Power Off	Yes (programmable)	

Consumables

Colour Inks	12 varieties (1000 ml). Custom colour matching service available.
Masters	220 masters per roll (A3)

Options

Automatic Document Feeder	80 sheets (80 gsm)
Drum Unit	A4 or A3 size
LAN Kit	RJ45 connection & remote monitoring software
Batch Separator	Tape inserter type

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DP-S550 & DP-S850 Duprinters



high volume printing
high definition imaging system (HDi)
150 ppm print speed
pc & mac ready (USB)
environmentally friendly



... Stationery - Forms - Leaflets -
Mailing - Classroom Handouts - Envelopes...



DP-S550 & DP-S850 DuPrinters



Duplo HDi DuPrinters set the benchmark for productivity, economy and environmental sensitivity in high-volume document duplication. The High Definition Imaging (HDi) system and high density ink ensures excellent reproduction of halftones, photographs, text and solids. Low energy consumption, soy-based inks and full RoHS/GPL* conformity means these are amongst the greenest production print machines in the world.



superb print quality

HDi master material is designed to yield superb quality print output. Blemish-free solids, crisp text and smooth/progressive halftones are all standard results on both the DP-S550 and DP-S850.

Unlike regular master material where thick fibres disturb the uniformity of the holes during master making; HDi master has an even fibre distribution which yields a consistent hole size. The HDi thermal head is fine-tuned to ensure each and every hole is both perfectly formed so that the end image is a consummate copy of the original.



ordinary master = inconsistent hole size yields patchy halftone

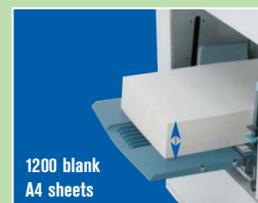


HDi master = consistent hole size generates a smoother graduation

HDi DuPrinters use a special high-carbon Soy ink which helps create rich unbroken solids and well-defined text even at very low point sizes. The soy ink also helps to enhance the contrast of photographic and image work to generate a print with the strongest possible visual impact.

highest ever productivity

In less than 30 seconds the machine can be switched on and printing a new job at an astonishing 150ppm (A4) or 130ppm (A3). The feed tray can be loaded with 1200 sheets allowing a full A4 print run to be completed in just 8 minutes.



1200 blank A4 sheets



1200 printed A4 flyers

8 minutes (150ppm)

computer or hardcopy originals

The USB port supports printing from both Windows and Mac OS computers. 'First Generation' copies produced from a computer have the benefit of undergoing pre-press optimisations in the printer driver to deliver incredible high-quality output.

The optional LAN kit allows the Duprinter to be added to a computer network (via RJ45 connection) so multiple users can send jobs from their own workstations. The bundled monitoring software gives remote users real-time reports on the Duprinter status so they can track the progress of their job without standing by the machine.

The lift-up platen scanner is ideal for copying flat sheets and the shadow erase function takes away the dark spine area when copying from a thick book. The operator can even preview the document on the screen before printing to ensure the scan and image position are perfect.



print on envelopes & card

The straight paper path reduces paper jams and means it is possible to print on a wide range of print media from 50gsm carbonless paper right up to 210gsm card. The heat free process means even window envelopes can be fed without difficulty.



environmentally friendly

HDi DuPrinters are amongst the most energy efficient print machines ever produced. When operating at full speed, energy consumption is limited to just 240W and the automatic power saving standby mode cuts in after 5 minutes of inactivity to cut consumption to virtually nothing. In addition, the print process is completely heat free so the machine can be switched on and off between print jobs without the need for a lengthy 'warm-up'.

The print process is perfectly suited to printing on recycled paper without jamming or compromising on quality. To further enhance their environmental credentials HDi DuPrinters use soy ink. This requires less energy to manufacture and paper printed with a soy ink is easier to recycle too.

user-friendly and trouble free operation

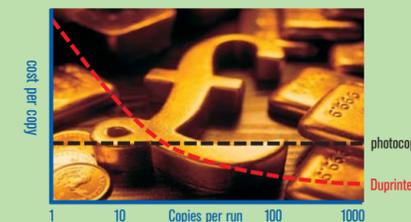
The intuitive touch screen makes navigating the menus and optimising the prints quick and easy. The DP-S850 has several extra sensors for detecting paper sizes too so the user simply places the document on the scanner, loads their paper and starts printing – the machine will do the resizing automatically.



economic printing

Unlike a photocopier where the cost-per-copy is fixed, Duprinter users benefit from the age old 'economies of scale' principle. Put simply, as the copy run increases, the cost-per-copy rapidly decreases. For customers frequently producing high volume jobs (forms, stationery, flyers etc) the savings over competing technologies can be quite astonishing.

price per copy



Amazingly, each copy gets cheaper the more you produce.

