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THE QUIET COLOUR REVOLUTION.

DigitAll *silence* **SAMSUNG COLOUR LASER PRINTER CLP-500 SERIES**



INTRODUCING SAMSUNG COLOUR LASER PRINTERS.

At only 48 dBA (Colour Printing), Samsung CLP-500 series colour laser printers can make a major contribution to a quieter and calmer office environment.

Up to 5 colour or 20 black and white pages(A4) per minute make the Samsung CLP-500 series some of the fastest colour laser printers in their class.

Duplex (double sided) printing is standard on the Samsung CLP-500 series. One of many features that prove greater capability does not necessarily mean higher costs.

Standard 350 page paper capacity and quick and easy to change toner system, to save time and effort that you would normally associate with colour printers.



THE RIGHT PRINTER FOR EVERY JOB.



Powerful Basics

The standard version CLP-500 provides a parallel port (IEEE 1284) and USB 2.0, a cassette for 250 pages, a multi-purpose tray for specialised printing materials or up to 100 additional pages, and standard duplex (double-sided) printing.



Ethernet Network Card

An ethernet network card (wired) is standard on the CLP-500N/550N models, enabling printing from all compatible computers for maximum flexibility. (Optional on CLP-500/550 models.)



Wireless Network Card

All 4 CLP-500, CLP-550, CLP-500N, and CLP-550N models can be fitted with an optional dual wired/wireless network card, to connect compatible wireless-LAN enabled computers.



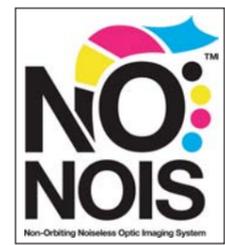
Additional Paper Cassette

The standard 350 page paper capacity on every model can be increased to 850 pages with an additional paper cassette.

With a Samsung CLP-500 series colour laser printer you will be prepared for anything. Whether you use the parallel port, the ultra-fast standard USB 2.0, or the optional dual wired/wireless interface network card for cable-free connections, you'll be ready to go in an instant. The CLP-500, CLP-500N, and CLP-550 models are all equipped with a generous 64 MB standard RAM capacity, while the CLP-550N comes with a 128 MB memory.



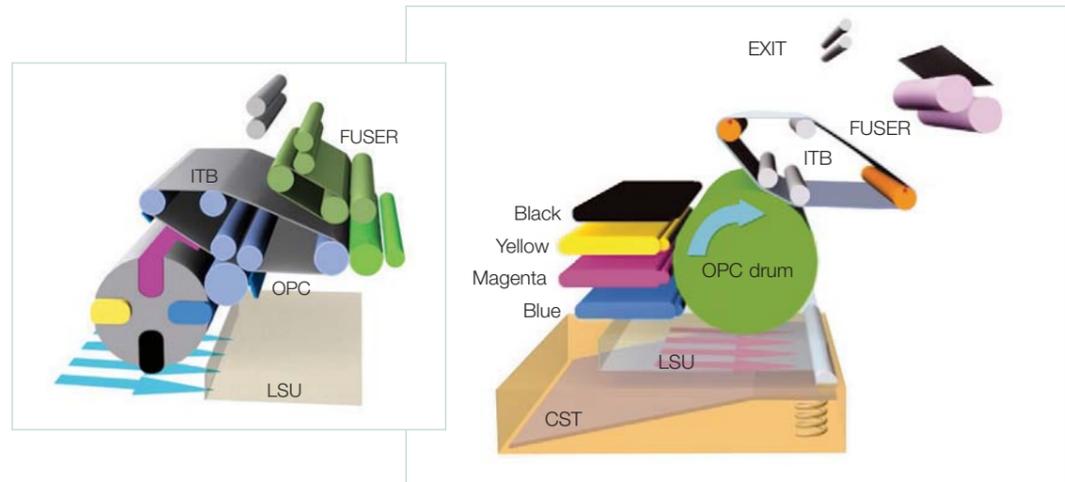
SO QUIET, YOU MAY THINK THEY'RE SWITCHED OFF.



Samsung CLP-500 series colour laser printers are so quiet that you may not even notice when they're working. Samsung's revolutionary NO-NOIS™, technology effectively simplifies the printing process. The result is an operating noise level of just 48 dBA (Colour Printing), and a calmer and quieter office. So you can concentrate on more important tasks than printing.

Conventional Multi-Pass Technology

In colour laser printers with a conventional multi-pass mechanism, four toner cartridges are held in a rotating magazine. The magazine repeatedly runs then stops, to render each one of the CMYK toner cartridges on to the OPC drum. This creates much of the noise and vibration associated with regular colour laser printers.



NO-NOIS™ Technology

Thanks to Samsung's revolutionary Non-Orbiting Noiseless Optical Imaging System (NO-NOIS™), the new CLP-500 series printers are free from loud mechanical noise and vibration. The toner is stored in fixed cartridges that transfer colour onto the Image Transfer Band (ITB) in one simple step, via a smoothly rotating OPC drum. A technical innovation that soothes both ears and nerves.





WHEN ACCURACY IS WHAT COUNTS.



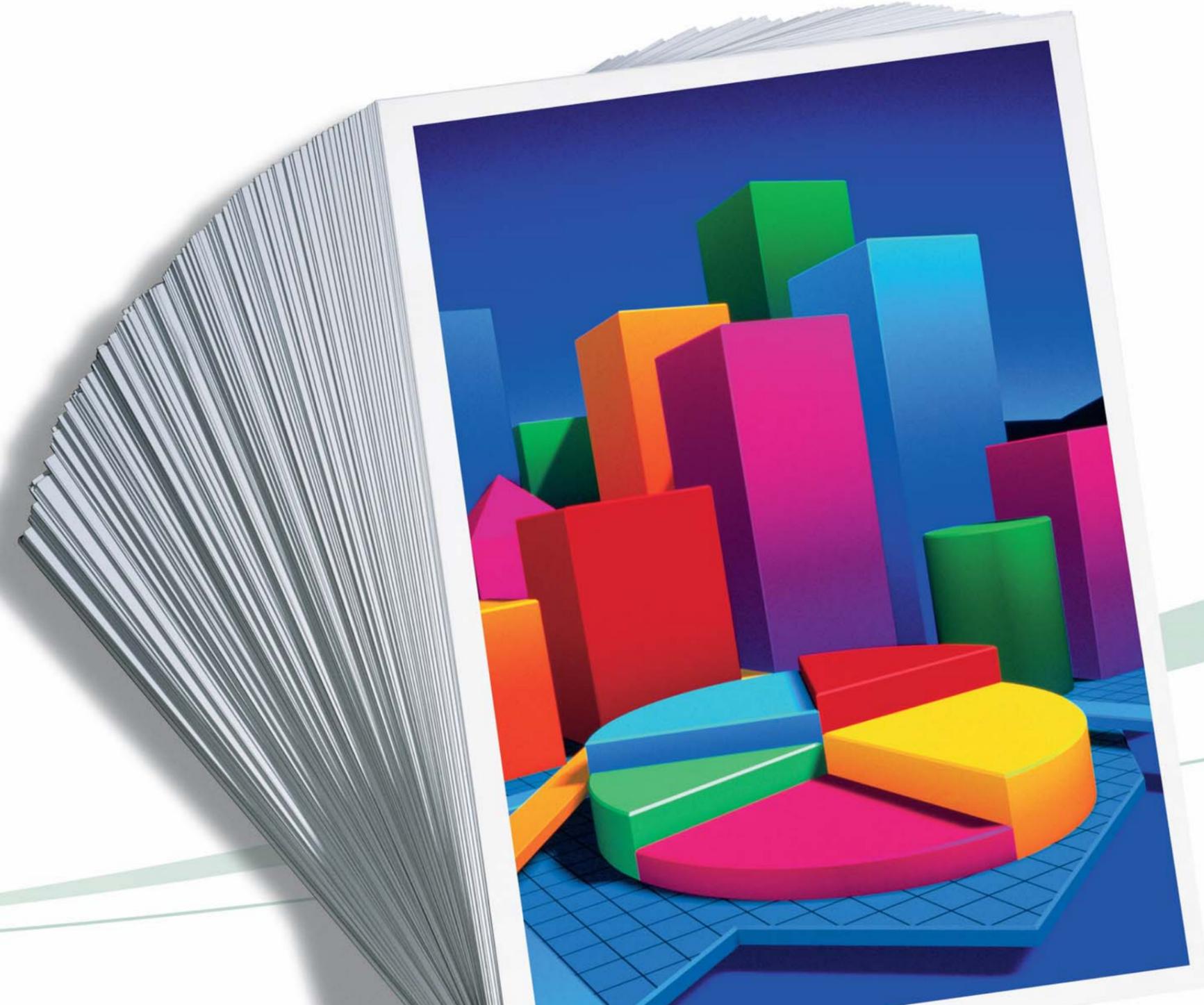
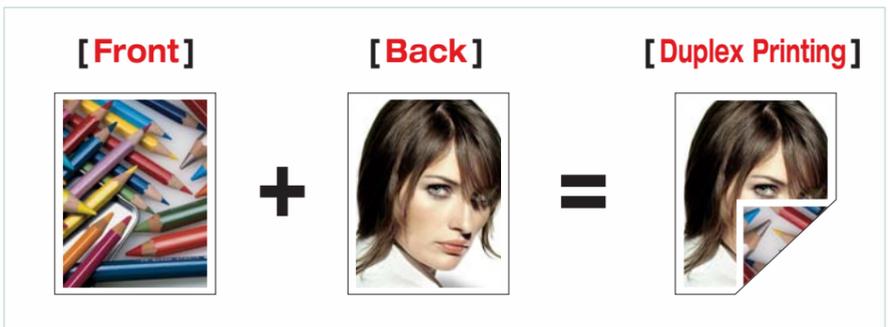
High Quality Colour Accuracy
 All Samsung colour laser printers feature a unique ICC software package: a calibration system which guarantees maximum colour accuracy and effectively re-calibrates the printer every time it is started. Additionally, it allows you to alter colour and contrast ratios manually to correct flaws in existing artwork. While Samsung's Tone Reproduction Curve (TRC) proprietary technology intelligently manages toner consistency to guarantee the same result, from the start of a print run to the end.



High Resolution Print Quality
 In high-resolution mode, Samsung colour laser printers produce ultra-crisp 1,200 x 1,200 dpi effective prints. But if speed and quantity are more important, you can switch to default resolution in an instant.

WHEN THE GOING GETS TOUGH.

If you expect a lot from your printers, then the new Samsung CLP-500 series is the printing solution you have been looking for. With up to 5 colour or 20 black and white pages(A4) per minute, these printers are amongst the fastest in their class. Every model features a 350 page capacity, which can easily be increased to an amazing 850 page capacity. And a duplex function is included at no extra charge. While a multi-purpose tray for special print materials can handle transparencies, envelopes, labels, and can even hold postcards.





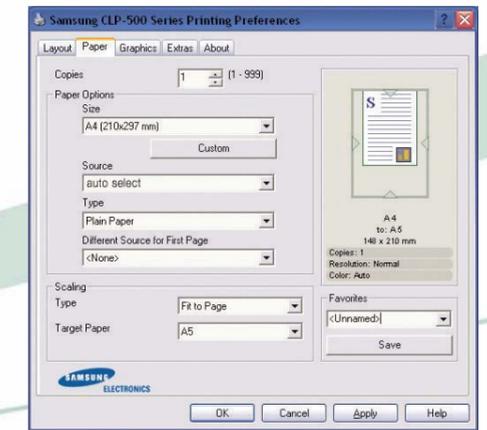
IT'S AS EASY AS ONE, TWO, THREE.

Samsung colour laser printers are proof that leading-edge technology does not need to be complex to use. Changing the toner cartridges, for example, takes just 3 easy steps. While installing the driver software takes just 5 mouse clicks. So you can concentrate on producing outstanding business documents: overlays, booklets, multi-page posters, transparencies, or even personalised paper with your own watermark.

The large, clear LCD display allows you to check the current printing status. The LED error indicator allows you to trace problems at a glance.



Changing the toner cartridge takes just 3 easy steps.



Installing the user-friendly driver software takes only 5 mouse clicks.



COLOUR WITHOUT THE CABLES.

If only everything was as simple as connecting a Samsung colour laser printer. Every model can be equipped with an optional dual-wired/wireless interface network card for maximum flexibility. The Samsung CLP-500N and CLP-550N come equipped with a standard ethernet (wired) network card, which allows quick installation for multiple workstations in your office. And for quick and easy direct connection to your desktop or laptop, every model features a lightning-fast USB 2.0 and parallel port connection.



CLP-500



CLP-500N



CLP-550



CLP-550N

Model	CLP-500	CLP-500N	CLP-550	CLP-550N
Print				
Speed(B/W) *			Up to 20 ppm in A4 (21 ppm in Letter)	
Speed(Colour) *			Up to 5 ppm in A4 (5 ppm in Letter)	
Resolution			Up to 1,200 x 1,200 dpi effective output	
FPOT(B/W)			15 seconds	
FPOT(Colour)			24 seconds	
Controller				
Processor	Samsung SPGPm	Samsung SPGPm	PowerPC 266 MHz	PowerPC 266 MHz
Memory	64 MB (Max. 192 MB)	64 MB (Max. 192 MB)	64 MB (Max. 320 MB)	128 MB (Max. 384 MB)
Emulation	SPL-C (Samsung Printer Language Colour)	SPL-C (Samsung Printer Language Colour)	PostScript3, PCL6 ** compatible	PostScript3, PCL6 ** compatible
Interface	USB 2.0, IEEE 1284 Parallel	USB 2.0, IEEE 1284 Parallel Ethernet 10/100 Base TX	USB 2.0, IEEE 1284 Parallel	USB 2.0, IEEE 1284 Parallel Ethernet 10/100 Base TX
Fonts			136 PostScript3, 45 PCL5CE	136 PostScript3, 45 PCL5CE
Colour Profile	ICC Technology	ICC Technology	ICC Technology	ICC Technology
OS Compatibility***	Windows 95/98/Me/NT4.0/2000/XP, Various Linux OS including Red Hat, Caldera, Debian, Mandrake, Slackware, SuSE and Turbo Linux	Windows 95/98/Me/NT4.0/2000/XP, Various Linux OS including Red Hat, Caldera, Debian, Mandrake, Slackware, SuSE and Turbo Linux	PostScript3(PPD) (Windows 95/98/Me/NT4.0/2000/XP, Various Linux OS, Mac OS 8.6-9.2/10.1-10.3) Samsung proprietary driver (Windows 95/98/Me/NT4.0/2000/XP)	PostScript3(PPD) (Windows 95/98/Me/NT4.0/2000/XP, Various Linux OS, Mac OS 8.6-9.2/10.1-10.3) Samsung proprietary driver (Windows 95/98/Me/NT4.0/2000/XP)
Paper handling				
Input Capacity and Types			250-sheet Cassette Tray, 100-sheet Multi Purpose Tray	
Output Capacity and Types			250-sheet Face Down	
Duplex			Built-in	
Media Size			90 x 140 mm (3.5" x 5.5") ~ 216 x 356 mm (8.5" x 14")	
Special Media			Transparencies, Envelopes, Labels, Card stock	
General				
Size (W x D x H)	510 x 467 x 405 mm (20.1" x 18.4" x 15.9 ")	510 x 467 x 405 mm (20.1" x 18.4" x 15.9 ")	510 x 467 x 405 mm (20.1" x 18.4" x 15.9 ")	510 x 467 x 405 mm (20.1" x 18.4" x 15.9 ")
Weight (with consumables)	32 kg (70.5 lbs)	32 kg (70.5 lbs)	32 kg (70.5 lbs)	32 kg (70.5 lbs)
Noise Level ****	Less than 48 dBA (Colour printing), Less than 49 dBA (B/W printing), Less than 40 dBA (Standby)	Less than 48 dBA (Colour printing), Less than 49 dBA (B/W printing), Less than 40 dBA (Standby)	Less than 48 dBA (Colour printing), Less than 49 dBA (B/W printing), Less than 40 dBA (Standby)	Less than 48 dBA (Colour printing), Less than 49 dBA (B/W printing), Less than 40 dBA (Standby)
Consumables				
Black Toner Cartridge	7,000 A4/Letter pages at 5% Coverage (Ships with 2,000 pages Starter Toner Cartridge)		7,000 A4/Letter pages at 5% Coverage	7,000 A4/Letter pages at 5% Coverage
Yellow/Magenta/Cyan Toner Cartridge	5,000 A4/Letter pages at 5% Coverage (Ships with 1,500 pages Starter Toner Cartridge)		5,000 A4/Letter pages at 5% Coverage	5,000 A4/Letter pages at 5% Coverage
Imaging Unit *****			Approx. 50,000 black pages (12,500 colour pages)	
Transfer Belt *****			Approx. 50,000 black pages (12,500 colour pages)	
Waste Toner Container *****			Approx. 12,000 black pages (3,000 colour pages)	
Options				
	500-sheet Cassette Tray	500-sheet Cassette Tray	500-sheet Cassette Tray	500-sheet Cassette Tray
	Ethernet 10/100 Base TX (Internal)	Ethernet 10/100 Base TX + 802.11b Wireless LAN (Internal)	Ethernet 10/100 Base TX (Internal)	Ethernet 10/100 Base TX + 802.11b Wireless LAN (Internal)
	Ethernet 10/100 Base TX + 802.11b Wireless LAN (Internal)	Memory : 64MB, 128MB	Ethernet 10/100 Base TX + 802.11b Wireless LAN (Internal)	Memory : 64MB, 128MB, 256MB
	Memory : 64MB, 128MB		Memory : 64MB, 128MB, 256MB	

* Print speed will be affected by Operating system used, computing performance, application software, connecting method, media type, media size and job complexity.

** Compatible with PCL6 Version 2.1

*** Please visit www.samsungprinter.com to download the latest software version.

**** Sound Pressure Level, ISO7779, from 250-sheet Cassette Tray, Simplex printing

***** May be affected by operating environment, printing interval, colour/black, media type and media size.