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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 dB(decibel), Samsung CLP-500 series colour laser printers can make a major contribution to a quieter and calmer office environment.

5 colour or 20 black and white pages 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.



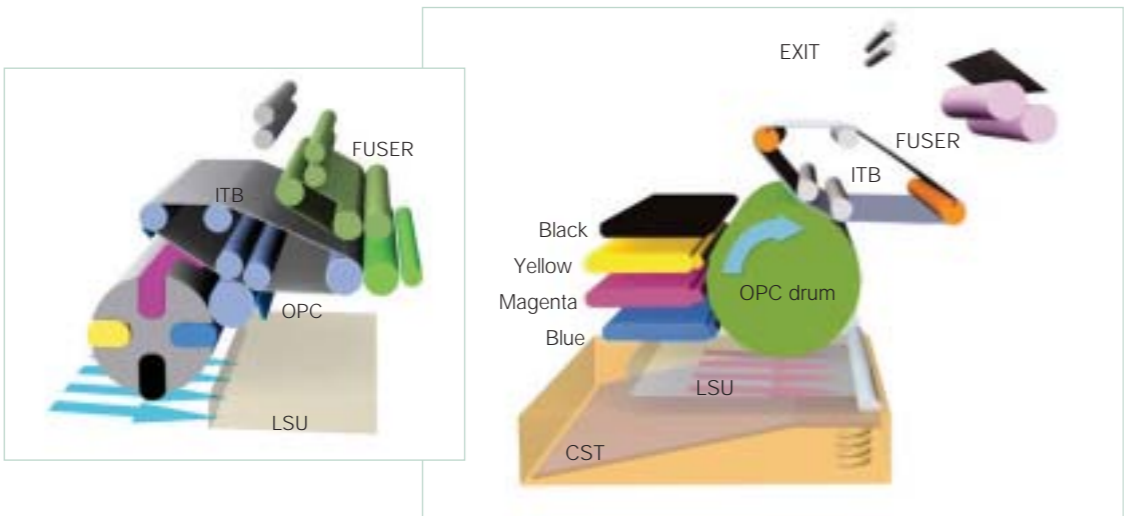
SO QUIET, YOU MAY THINK THEY'RE SWITCHED OFF.



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 dB(decibel), 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.

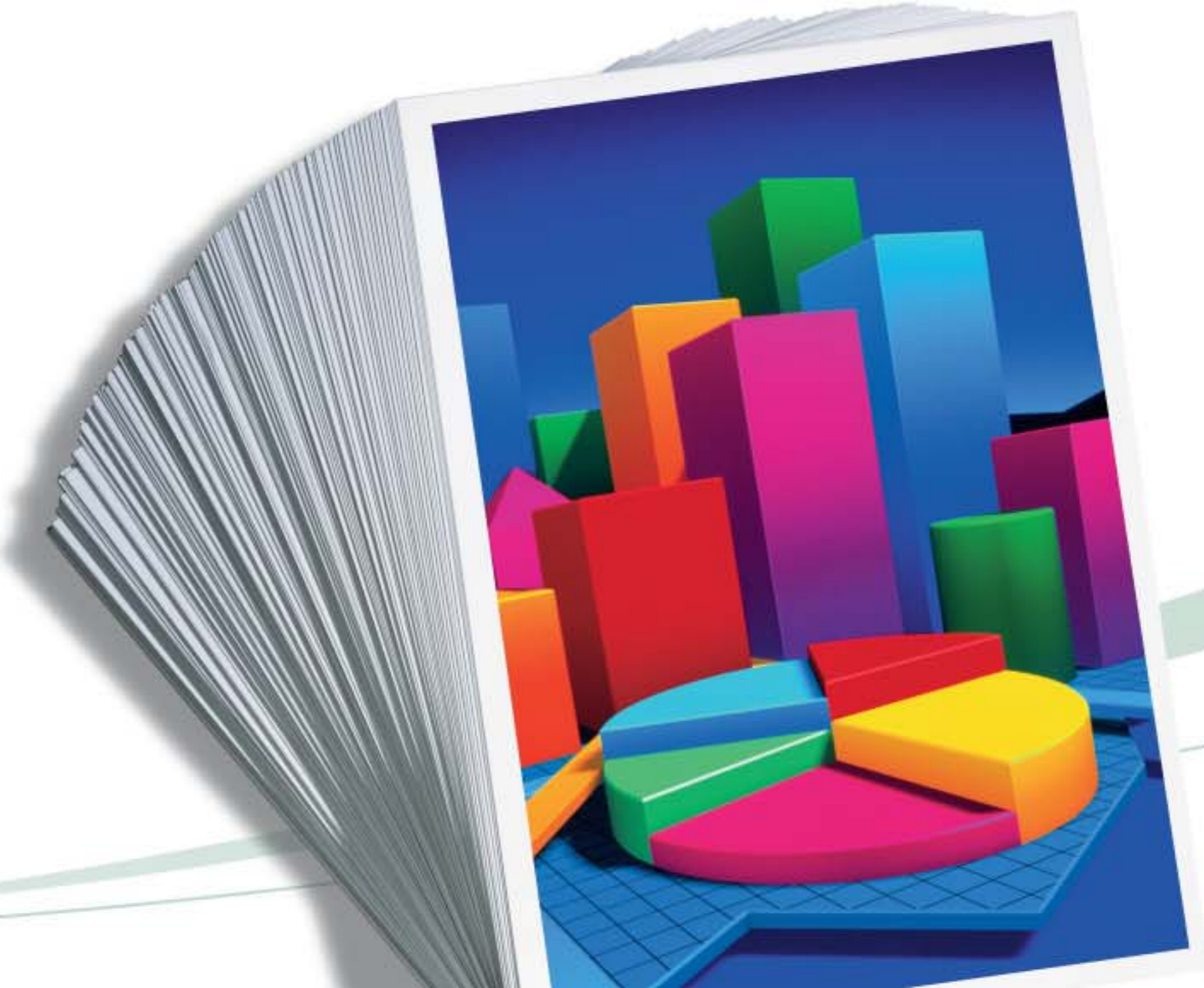


High Resolution Print Quality

In high-resolution mode, Samsung colour laser printers produce ultra-crisp 1,200 dpi 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 5 colour or 20 black and white pages 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.



Model	CLP-500	CLP-500N	CLP-550	CLP-550N
Print				
FPOt		15 sec. (black), 24 sec. (colour)		
Speed (ppm)		20 PPM (black), 5 PPM (colour)		
Resolution	1,200 dpi class	1,200 dpi class	1,200 dpi class	1,200 dpi class
Noise (dB)		48 dB in colour printing		
Controller				
Processor	Samsung SPGPm	Samsung SPGPm	PPC 603e - 266 MHz	PPC 603e - 266 MHz
Memory (stand.)	64 MB	64 MB	64 MB	128 MB
Memory (max.)	192 MB	192 MB	320 MB	384 MB
Printer language	SPL-C	SPL-C	PS3, PCL6, SPL-C	PS3, PCL6, SPL-C
Fonts	-	-	136 PS3, 45 PCL5CE	136 PS3, 45 PCL5CE
Standard interface	USB 2.0, IEEE 1284 parallel	USB 2.0, IEEE 1284 parallel, 10/100 Base TX	USB 2.0, IEEE 1284 parallel	USB 2.0, IEEE 1284 parallel, 10/100 Base TX
Optional interface	10/100 Base TX, 10/100 Base TX + 802.11 b wireless LAN	10/100 Base TX + 802.11 b wireless LAN	10/100 Base TX, 10/100 Base TX + 802.11 b wireless LAN	10/100 Base TX + 802.11 b wireless LAN
OS compatibility	Win 9X, NT4.0, Me, 2000, XP, Linux OS, Mac OS 8.6 or higher	Win 9X, NT4.0, Me, 2000, XP, Linux OS, Mac OS 8.6 or higher	Win 9X, NT4.0, Me, 2000, XP, Linux OS, Mac OS 8.6 or higher	Win 9X, NT4.0, Me, 2000, XP, Linux OS, Mac OS 8.6 or higher
Paper handling				
Paper input (cap./type)		250-sheet cassette, 100-sheet multi-purpose feeder		
Paper output		250 sheets face down, built-in duplex (double-sided printing)		
Options (input/output)		500-sheet second cassette		
Supporting media size		Cassette: A4/Letter Multi-purpose feeder: postcard (105 x 148 mm), legal		
Supporting media range		Duplex: A4/Letter Cassette: plain paper Multi-purpose feeder: transparencies, envelopes, labels, card stock, plain paper		
Consumables				
Yield		Black toner: 7,000 sheets @ 5% (starter: 2,000 sheets) CMY toner: 5,000 sheets @ 5% (starter: 1,500 sheets) Drum: 50,000 images (12,500 colour) ITB: 50,000 images (12,500 colour) Waste toner: up to 12,000 mono pages @ 5%		
General				
Weight (with consumable)		32 kg (70.5 lbs)		
Size (W x D x H)		510 mm x 467 mm x 405 mm		
Power consumption		450 watts (printing), 45 watts (idle)		