



TURN ON TOMORROW

# Advanced Colour Printing, with Simple One-Touch Functionality

Samsung Colour Laser Printers CLP-320/320N and CLP-325/325W



Printing solutions  
as easy as



## Why Samsung?

Here at Samsung Print, our aim is to give our customers performance, without complexity, and we're rapidly gaining market share for the breadth of leading-edge print products and solutions that we offer.

Our heavy investment in research and development is an ongoing commitment. The work we do here puts us at the forefront of the office print industry. We manufacture much of the technology that goes into many of the market-leading printers, including of course, our own – from memory chips and hard drives to LCD screens and communications technology. In recent years, the Samsung Print business has seen rapid growth. We're number two in the global and European laser printer shipments markets, the fastest growing company in the sector.

### Samsung Print – Making a Difference

It's not all about growth though. It's our total printing approach that really matters – solutions, supplies and services wrapped around the perfect hardware, and spanning individual user printers to small workgroups – meeting the demands of a full range of users. From some of the world's smallest colour printers, to one of the fastest A4 digital MFPs with the sleekest designs to hit the world of printing, Samsung Print is always looking for new, innovative ways to invigorate our customers and reinforce our market credentials.



## Our Green Philosophy

As a technology leader Samsung has a responsibility to the future of our planet and the impact that modern printers will have on the environment, a responsibility we take very seriously. At Samsung Print we don't just have a 'green programme' we have a green culture. From green management, green products, green processes through to green workplaces, the eco-messaging is never far away.

We evaluate and improve constantly throughout our research and development, and our green culture is no different. Every aspect of the Samsung printer design, manufacturing and recycling process has been linked to our quality certification programme giving you the confidence to know your printer has been manufactured and will run within stringent guidelines. Our commitment to achieving recognised standards sends a clear and unequivocal message to our customers and stakeholders – we strive to abide by our eco-friendly manufacturing processes every step of the way.

“We strive to abide by our eco-friendly manufacturing processes every step of the way.”

## Introducing the CLP-320 Series

### Making Colour Print Easy

Compact, powerful and easy to use, the Samsung CLP-320 series includes advanced colour printers designed with high quality performance and usability in mind. Suitable for any home or small office, these colour laser printers deliver sharp, consistent printouts with durable text and graphics. User-friendly features, a variety of connectivity options, and a high quality output make it easy to create a lasting impression with colour prints.

#### One-Touch Simplicity

Samsung's 'one-touch' technology offers simple yet efficient functions directly from the device, such as:

- **Print Screen<sup>1</sup>** – Printing behaviour is changing. The trend towards printing web-based content is growing and now represents the second major source of printed documents\*, whether at home or in the office. Samsung's unique one-touch Print Screen button is the quick and easy way for you to print the contents of your screen, without having to make the usual format changes needed for printing documents such as web pages, saving valuable time and reducing waste.
- **Wi-Fi Protected Set up (WPS)** – fast and secure wireless networking at the touch of a button. The CLP-325W's WPS button lets you connect quickly and easily to other Wi-Fi devices. Simply select the WPS button on the access point (router), press the WPS button on the MFP and your connection automatically configures and protects your wireless network for you.

NOTE: A wireless access point which supports Wi-Fi Protected Set up is required.

#### Samsung Original Polymerized Toner:

Compared to conventional toner, Samsung Polymerized Toner produces sharper images and lines, thanks to the smaller, more uniform toner particles. The improved print resolution, wider colour range and overall glossier finishing, enable you to easily produce professional looking documents. The thicker wax layer and thinner fused layer protect your printouts against folds and smudges, resulting in longer durability, while at the same time helping to reduce paper curl and prevent paper jams. High transfer efficiency means less toner waste and a lower fusing temperature, reducing power consumption. Samsung Polymerized Toner is also manufactured in a more energy efficient way, for an overall CO<sub>2</sub> reduction of 35% during production, resulting in less damage to the environment.

Samsung Polymerized Toner produces a better image with glossier finishing and sharper text:



Samsung Polymerized Toner



Conventional Toner

NOTE: Scanned or reprinted images may look different from original prints.

### Why Buy a Samsung Colour Laser Printer?

#### Ease of Use:

- Easy plug and play installation that enables instant productivity
- Simple operation with one-touch functionality for immediate access to convenient functions such as Print Screen<sup>1</sup> and Wi-Fi Set-Up<sup>2</sup>
- Quickly switch to energy-saving standby mode with the easy to reach soft power button on the front panel
- Compatible with the latest technology platforms such as Windows 7 for integration with your existing infrastructure.

#### Innovative Design:

- Small and compact to fit neatly anywhere in your home or small office
- Stylish in two-tone crema grey or matt piano black colour design options.

#### Efficient Performance:

- Consistent, durable output with no clogging and less mess
- Toner consumables last longer with a high toner yield of 1,500 pages (mono) and 1,000 pages (colour)
- Low power consumption of just 6W in Sleep Mode means lower energy costs and a reduced carbon footprint, saving as much as five watts per hour. Over a year, this equates to the same amount of energy as leaving a light on for over nine days.
- Designed with NO-NOIS™ Technology for quiet operation and reduced interference and vibration, minimising any unnecessary distractions.<sup>3</sup>



CLP-320/320N



CLP-325/325W



## Key Features



### Print Screen Button<sup>1</sup>

See it. Print it. The unique Print Screen button<sup>1</sup> allows you to print exactly what you see on the screen without the need for re-sizing software. The convenient way to print exactly what you need.

### Compact and Sleek Design

The compact design fits perfectly into any contemporary home or small office, with a small, space-saving footprint. The two-tone body colour creates a stylish printer that looks as good as it performs. Low noise levels are an added advantage with reduced interference and vibration to minimise any unnecessary distraction.

### Easy Installation and Use

The innovative one-touch technology offers a simple, convenient and user-friendly personal printing solution. The USB 2.0 interface means easy set-up and installation across all the latest operating systems, including Windows 7.

### Economical

The easy-to-reach power button on the front panel makes it convenient to switch to an energy-saving Standby Mode at the touch of a button – saving five watts per hour. Ready to print? Just push the button again to power back up to Ready Mode.

<sup>1</sup>CLP-320/325 only

### Samsung Polymerized Toner

Produce high quality prints easily with Samsung original Polymerized Toner. This technology is designed to deliver sharper images and graphics, improve gloss and colour range, increase durability and reduce paper curl for more professional looking prints. With an overall CO<sub>2</sub> reduction of 35% during production, Polymerized Toner also has less impact on the environment.

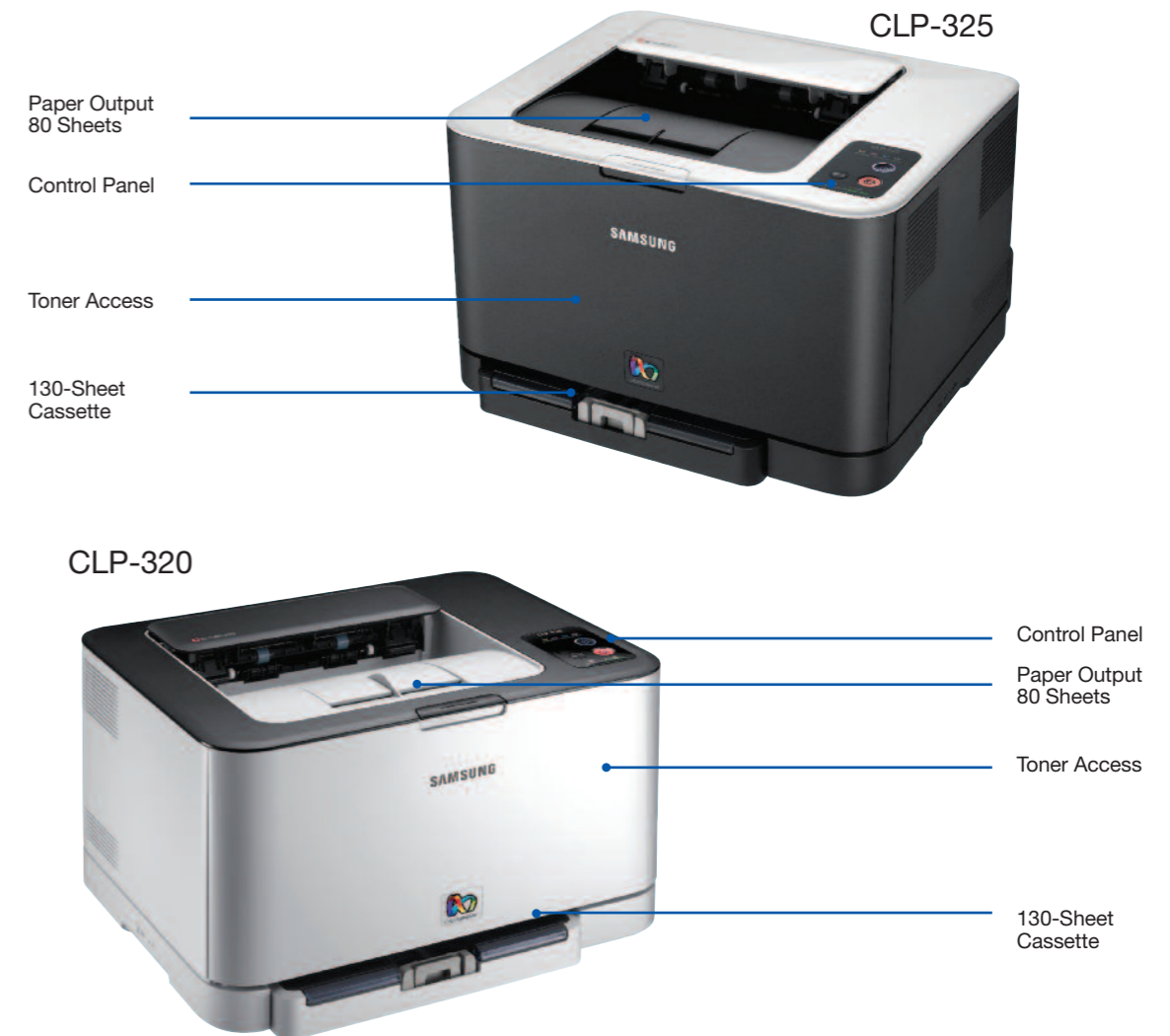
### Outstanding Colour Performance

Achieve professional colour across all documents with sharp resolution at 2,400 x 600 dpi delivered at speeds of up to 16/4ppm (mono/colour), for quality without the wait.

### AnyWeb Print Solution

Print any web content exactly as you need it with this easy-to-use software. Samsung AnyWeb Print Solution provides a quick and simple way to select, drag and drop specific content from web pages, onto one page, which you can then save or print. This helps to save paper and toner by printing just the information you really need.

## Features Summary



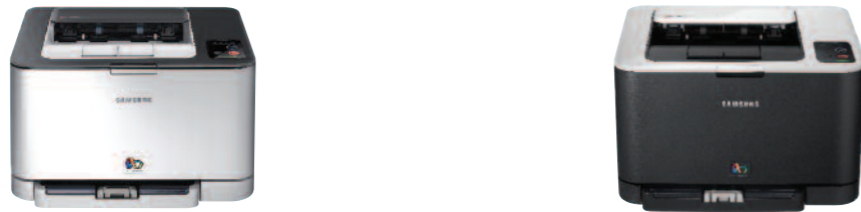
### Key Features Summary:

- One Touch Print Screen button for immediate, on-screen printing<sup>1</sup>
- One Touch Wi-Fi set up<sup>2</sup>
- Ultra Compact Footprint of 388mm x 313mm x 243mm (WxDxH)
- Fast Print Speeds of 4/16ppm (colour/mono)
- First Page Out Time of less than 14/26 seconds (colour/mono)
- Sharp Resolution at 2,400 x 600 dpi
- 130 sheet input capacity, 80 sheet output capacity
- Standard average cartridge yield of 1,500 pages for mono and 1,000 pages for colour





# Product Specifications



Print	CLP-320	CLP-320N	CLP-325	CLP-325W
Speed	Up to 16/4ppm (mono/colour) in A4			
Resolution	Up to 2,400 x 600 dpi effective output (maximum); Up to 1,200 x 600 dpi effective output (default); Up to 600 x 600 dpi (draft)			
First Page Out Time	Less than 14/26 seconds (mono/colour) in A4			
Emulation	SPL-C (Samsung Printer Language Colour)	SPL-C (Samsung Printer Language Colour), PCL6	SPL-C (Samsung Printer Language Colour)	SPL-C (Samsung Printer Language Colour), PCL6
<b>Paper Handling</b>				
Input Capacity and Types	130-sheet Cassette @ 80gsm			
Output Capacity and Types	80 sheets @ 80gsm			
Media Sizes	76mm x 152.4mm ~ 216mm x 355.6mm			
Media Types	A4, A5, A6, Letter, Executive, Folio, ISO B5, JIS B5 Transparencies (mono print only), Glossy Photo160 g/m2, Envelope, Labels, Cardstock, Recycled, Pre-printed			
<b>General</b>				
Processor	360MHz			
Memory	32MB	256MB	32MB	256MB
OS Compatibility	Windows 2000/XP/2003/Vista/2008, Windows 7/2008 R2; Fedora 2, -9 (32/64bit), openSUSE 9.1, 9.2, 9.3, 10.0, 10.1, 10.2, 10.3, 11.0 (32/64bit), Ubuntu 6.04, 6.10, 7.04, 7.10, 8.04 (32/64bit), Mandriva 10.0, 10.1, 2005, 2006, 2007, 2008 (32/64bit), Debian 3.1, 4.0 (32/64bit), Redhat Enterprise Linux WS 4, 5 (32/64bit), SuSE Linux Enterprise Desktop 9, 10 (32/64bit); Mac OS X 10.3-10.6 and Universal Mac			
Interface	USB	USB, Ethernet	USB	USB, Ethernet, Wireless (Wi-Fi Standard IEEE 802.11 b/g/n)
Noise Level	Less than 45dBA (colour printing); Less than 47dBA (mono printing)			
Power Consumption	80W (Ready Mode)			
Maximum Monthly Duty Cycle	20,000 pages			
Dimension (W x D x H)	388mm x 313mm x 243mm			
Weight (including toner)	11kg			

## Supplies:

Article No.	Description					
Model Code	CLT-K4072S/ELS	CLT-C4072S/ELS	CLT-Y4072S/ELS	CLT-M4072S/ELS	CLT-R407/SEE	CLT-W409/SEE
Description	Black Toner Cartridge	Cyan Toner Cartridge	Yellow Toner Cartridge	Magenta Toner Cartridge	OPC Drum	Waster Toner Bottle
Yield (ISO/IEC 19798)	1,500 pages	1,000 pages	1,000 pages	1,000 pages	24,000 pages	5,000 pages
Compatible Hardware Models	CLP-320, CLP-320N, CLP-325, CLP-325W, CLX-3185, CLX-3185N, CLX-3185FN, CLX-3185FX					
Item Box Dimensions (L x W x H)	183mm x 363mm x 73mm	183mm x 363mm x 73mm	183mm x 363mm x 73mm	183mm x 363mm x 73mm	174mm x 339mm x 298mm	119mm x 73mm x 170mm
Item Box Weight (Gross)	1.22kg	1.15kg	1.14kg	1.14kg	1.46kg	0.17kg
Items in Master Box	4	4	4	4	4	6
Master Box Dimensions (W x D x H)	465mm x 381mm x 309mm	465mm x 381mm x 309mm	465mm x 381mm x 309mm	465mm x 381mm x 309mm	624mm x 390mm x 362mm	255mm x 243mm x 197mm
Master Box Weight (Gross)	4.88kg	4.6kg	4.56kg	4.56kg	5.82kg	1.22kg



\* CLP-320N/325W \*\* CLP-325W

For more information, please visit [www.samsung.com](http://www.samsung.com)

# Samsung Original Supplies



## Why Samsung Original Supplies?

Samsung printers are optimised to work most efficiently with Samsung original supplies, for quality results time after time. Users will benefit from:

- High quality prints
- Longer lasting cartridges that save money
- Recycling used cartridges.

## Need More Reasons? You'll Get:

- **Value for money** – by using original Samsung cartridges, you will not only get great prints, but will also maximise the number of pages you can print.
- **Superior engineering** – many Samsung cartridges include exclusive design features that optimise performance.
- **Professional-looking prints** – Samsung original supplies produce brilliant and evenly printed colour on high-quality printouts 97% of the time. But, only 80-88% of prints made with remanufactured cartridges are good quality.
- **Convenient automatic toner ordering system** – Samsung printers have an innovative automatic toner ordering system that makes it easy to order supplies, providing instant alerts by e-mail or via a link to users' homepages.
- **Quiet operation** – genuine Samsung original supplies are designed to optimise Samsung's advanced NO-NOIS™ technology resulting in some of the world's quietest laser printers.
- **Protect yourself against counterfeit toner cartridges** – get outstanding prints with genuine Samsung original supplies.

## Make the Smart Choice

Samsung's ongoing analysis shows that buyers of re-manufactured cartridges end up paying significantly higher costs per page as well as higher overall operating costs (as much as 35% higher) compared with those using Samsung genuine toner supplies. Samsung original supplies guarantee high quality for every print and won't cause printer damage.

## Samsung Takeback and Recycling (S.T.A.R.) Programme

According to a study by Infotrends, nearly half of all used OEM toner cartridges in the U.S. and Western Europe are thrown out instead of being recycled. With Samsung's free Takeback and Recycling (S.T.A.R.) programme, Samsung makes it easy to recycle.

1. Package your used toner cartridge in to the box that came with your new toner, and seal it with clear tape. Please ensure only one toner cartridge is in each box.
2. Log on to [www.samsung.com/star](http://www.samsung.com/star) and click on 'Print Label'.
3. Fill in the online form with your details and submit it. After a short delay we will email you a complimentary return label in PDF format. (Note that this label can only be used once, so please follow this process for each toner cartridge return.)
4. Drop the package off at your nearest Post Office, or include it in your normal outbound mail procedure.

Samsung will recycle all old cartridges properly, making sure they don't end up incinerated or in a landfill. Samsung even recycles the box.

Samsung original supplies don't just optimise printer's performance, they also help the environment.

For more information please visit [www.samsung.com/star](http://www.samsung.com/star)





TURN ON TOMORROW

Samsung Electronics Europe  
1000 Hillswood Drive  
Chertsey  
Surrey  
KT16 0PS  
United Kingdom

[www.samsung.com](http://www.samsung.com)

Printing solutions  
as easy as

