hp C8543X maximum capacity smart print cartridge

designed together

The HP C8543X LaserJet Maximum Capacity Smart Print Cartridge, designed for the new HP LaserJet 9000 series printers, delivers a range of benefits that will appeal to users and IT managers alike. With its 30,000 page capacity and smart print features like simple installation and efficient supplies management, this cartridge offers lowest total cost-of-ownership while ensuring minimum user intervention and maximum printer uptime. Like all HP print cartridges, it has been designed to deliver superior print quality, with sharp black text, smooth greyscales and fine detail in photos and graphics from the first page to the last.

supplies status sensing

Once installed, smart print technology monitors the printing process without any need for user intervention, and a new dual toner sensor provides accurate, real time information on toner level – especially at the critical 'toner low' and 'toner out' stages. It is possible to access this information on-line or to configure it to deliver an automatic e-mail alert to a designate user before the toner runs out. This also provides a link to the printer's embedded web-server page, where new supplies can be ordered using an internet link.[1] By monitoring cartridge usage, this technology also provides information on the number of remaining pages that can be printed before the toner runs out.

features	benefits
• designed for hp LaserJet 9000 series printers	• designed for high-volume print jobs – 30,000 pages at 5% coverage • fast – compatible with 50ppm speeds
• supplies status monitoring and configurable e-mail alerts	• more efficient supplies management, higher printer uptime and user productivity • improved usage tracking through cartridge usage data
• dynamic electro-photographic adjustments	• consistent high-quality to the last page
• independent drum and stirrer drive system	• high-quality printing at very high speeds through the use of separate drum and stirrer drives
• minimum pressure developer	• prolonged print drum life and consistent high-quality to the last page through new design
• print drum life monitoring	• safeguards against drum failures which could result in toner leaks, and faded print quality
• no-shake cartridge	• less user interaction • higher printer uptime • no fading until toner actually runs out
• automatic seal-tab removal	• fast, convenient installation and replacement
• cartridge authentication	• assured compatibility of supplies with printer • superior hp print quality assurance

[1] The internet-enabled supplies ordering feature will be available in Europe starting Autumn 2001, in selected countries. It will be rolled out across Western Europe during 2001 and 2002.

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enhanced print quality

HP's new smart chip technology enables dynamic electro-photographic adjustments of the print cartridge. When the cartridge is installed, the embedded smart chip stores details of the initial sensitivity of the drum, enabling the printer to compensate more accurately for minor fluctuations in the sensitivity of the photosensitive drum throughout its working life. A number of other print cartridge enhancements have been incorporated, including a design that requires very little pressure between the developer sleeve shims and the photosensitive drum. This not only delivers a longer print drum lifetime (critical for such a high yield cartridge), but also ensures consistent print quality throughout the lifetime of the cartridge.

clean and easy installation, improved usability features

The C8543X is an all-in-one print cartridge, easily installed by any user. An improved cartridge design coupled with a new, independent stirrer system eliminates the need for shaking either during installation or near the end of the cartridges life. Toner is automatically unpacked and redistributed so that it results in consistent print quality – with no faded outputs – right through to the end of the cartridge life. On installation, a further innovative development automatically removes the plastic seal strip.

frequently asked questions

what are the key features of this new cartridge?

With its high page yield of 30,000 pages, the new C8543X print cartridge gives high-volume users a longer lasting print cartridge, reducing the number of replacements. The C8543X print cartridge uses the smart print system to deliver a number of enhanced product features. These include supplies status information, auto-reorder capabilities, a no-shake cartridge, automatic seal-tab removal, electro-photographic adjustments, usage information and superior print quality.

… and the main benefits?

Specifically engineered and tested to deliver optimum print quality with the HP LaserJet 9000 series printers, the C8543X – the only print cartridge recommended for this printer – ensures crisp, sharp output every time. Its smart features and its high yield provide simple and convenient installation, minimum user interaction and maximum printer uptime while ensuring lowest overall cost-of-ownership.

who are the users of an hp LaserJet 9000 series printer?

Members of large departments who share printers via a network; smaller teams who have specialised printing requirements like mission critical printing (e.g. invoices, purchase orders, etc.); in-house printing (e.g. manuals, direct mail, catalogues, etc.); and multiple original copies printing.

product specifications

p/n	description	yield	UPC code	dimensions (l x w x d)	wt.
C8543X	**hp** LaserJet maximum capacity smart print cartridge, black	30,000 pages at approx. 5% coverage	7 25184 65952 2	595 x 396 x 198 mm	5.64 kg