

Know your stuff better than ever

If you have been using printer for a while, you must have really understood the importance of cartridge. Cartridges are responsible to make your printer work in the best possible way.

However, it is really amusing that no one have ever thought about knowing something more about the working of printer ink and cartridge. That’s exactly what you will be getting in here along with some amazing insight which is obligatory to know.

How it’s all started?

Before going any further, it is actually imperative to mention about the history of this astonishing marvel of technology. All of the things started with Dot matrix printers which were the very basic forms of printers. Herein, printer inks were so unsophisticated that was the source of all sorts of problems. These problems gave rise to a new revolution and Inkjet printers came into life.

It was the time when HP and Cannon like companies were engaged with the production of such printers. However, it was just the beginning as the speed and quality was to improve a lot which actually did happen over the few years time. With the passage of time, things became more sophisticated and so did the printer ink.

Color Ink was another revolution which made people understood about the evolution which was in the pipeline. That was the time when companies like HP, Cannon and Epson earned a great deal of profit, but, things got less severe with smaller companies coming in to the business by remanufacturing those OEM cartridges.

Today, you can find all sorts of OEM, compatible and remanufactured cartridges to choose from. However, printers and printer cartridges have really gone through a great deal of change over the last decade or so.

How this marvel actually works?

Although, there have been a great deal of evolution in terms of printer ink and cartridges, but, working of printer ink cartridge have been the same, more or less. However, different companies can be seen using some more sophisticated options than others. Spraying the paper: Ink cartridges come with nozzle which can be anywhere from 300 to 600. These nozzles do the most of the things while printing as they spray ink in the cartridge from these nozzles. These drops of ink can really be miniscule and these drops, ultimately, combine to form the image you want. This is the simplest of process for most of the people, but, it certainly more complicated as it looks. All these things get done in a continuous way and cartridge keeps on spraying ink, line by line, to let you have the document you want. The piezoelectric method: In this method, Piezo crystals are used in Inkjet cartridges. With the vibration of these crystals caused by an electric current, ink moves out of the nozzles to let you have your desired document. Simple again, isn’t it? The aforementioned are the couple of ways that can be seen in printers on more regular basis.

These processes look simple, but, in reality, there have been a great deal of researches that have inspired all these innovations. So, next time you use the Inkjet, you know the basics of working and history, don’t you?

About the Author

Knowing about the working of [Printer Ink](#) cartridges makes you aware about the things to make a right decision for future purchases. Now you know if you need [HP Ink Cartridges](#) with simple spray or [Epson Inkjet Cartridges](#) with Piezo crystals. Internet is the way to know more about these things.

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