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High Quality Printer Ink Cartridges are Indispensable for Small Businesses by Richard Donna

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Economic statistics shows that the condition is improving, but it is not yet fully recovered for small and medium size businesses to gain maximum profit and increase sales. In this regard, quality plays an important role to attract new customers. To create an impression, all the marketing materials must be flawless and must be good enough to make a mark. That is why high-quality ink supplies and printer ink cartridges are indispensable for small business offices that use inkjet printers.

Inkjet printers create digital images by propelling microscopic ink droplets onto paper through nozzles that are located in print head. The ink droplets thus come out of the series of nozzles produce the image. A typical inkjet printer provides a resolution of 300 dots per inch (DPI), although the most competent printer can print up to 1440-720 dots per inch. Print head can be a part of the cartridge apparatus on some of the printer models, and this extends the lifespan of the printer because print heads are delicate parts that may wear out very fast.

Most of the inkjet printers use print cartridges with successions of tiny chambers each containing a heater. A gush of current is passed through the heater causing a speedy vaporization of the ink to create bubbles, which eventually spray a droplet of ink onto the paper. Piezo crystal printer technology run with the use of electrically charged crystals that cause vibration through which the ink is forced out of the nozzles. Both of these printer types use a tiny motor that runs the print head and cartridges to move across the page that is being printed.

High-end printer cartridges will exclusively optimize the end print product. If the wrong type of ink is used for the printer, the end result will be awful, resulting in smeary printing or is scribbled. However, not only the printer supply quality is inferior, there is also a possibility that the printer itself may be damaged. You must consider the fact that ink composition must match with the particular specification of the printer. Bubble jet printer technology uses ink after heating, and if the wrong ink is used with the device, it will never get heated to vaporize, and consequently the print head will possibly clog.

Original Equipment Manufacturer (OEM) ink cartridges are expensive. It will cost you a fortune when it comes to buy a set of replacement cartridges. This is why, a vast industry has grown up around refilling and selling remanufactured printer cartridges.

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