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Laser Printing - a Revolution in the Printing Industry by Chris Adam

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Computers, scanners and printers have become the main elements for sustaining our everyday job. Though the art of on printing was discovered long time ago but with the development of technology, digital laser printing has become more famous. Along with high quality printing, a laser printer makes it possible for bulk printing conveniently and easily. The use of laser beam in printing technology created a revolution in the industry. The system operates on a very basic principle of light where a laser beam utilizes its characteristics and projects the image of the material to be printed on a revolving drum coated with organic photoconductors. Due to photoconductive effect, the charged particles of the rotating drum get replaced with electro-statically charged dry ink particles which in turn print the image on paper fusing it with heat.

Itâ€™sIt is true that such a technology involves a lot of finance but the advantages of using laser printing over-rides the financial concern. Laser printing is fast and is much more precise causing no spillage of excess ink on paper. This is because of the fact that beam of laser rays has a constant diameter and hence making the print perfect. MoreoverMoreover, the toner powder that is used for laser printing is available at a cheap price in comparison to the ink cartridges.

Besides performanceperformance, laser printing makes it possible for creative designing based on electrostatic printing technology. Laser printing creates a noiseless printing environment. The printed material is absolutely dry and hence can be used immediately. The cartridge of a laser printer can print bulk copies and does not get exhausted easily. The equipment is big and it takes place but undoubtedlyundoubtedly, it can serve an entire small size office with all printing requirements.

The material written on a paper creates an imprintation on the human mind. But the effect is further more enhanced if the material is printed. Numerous fonts and variable sizes can be printed on printers. But writing and calligraphy has its own history. Might be someday these two will become a part of history with advancement of printing technology

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