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Dot Matrix Printer – a Revolution in the Printing Industry [James](#)

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Printing technology has evolved quite rapidly. The art of printing creates an impression on the reader and, moreover, it is easier to create an impact. A variety of printing machines and cartridges are available in today's market. A dot matrix printer is one among them with a print head that runs in an up and down motion and prints on paper by impact striking an ink soaked ribbon very much similar in fashion of a typewriter. Each dot produced by this printer is the effect of a tiny metal rod termed as a pin which is electromagnetically driven forward through small levers.

The moving portion of the printer called the printer head generates print one line of text at a time. These printers are highly durable. They rarely wear out and this happens mostly due to ink invading the guide plate of the print head thereby causing the grit to adhere to it. This grit in turn restricts the channels in the guide plate to wear from circles into ovals thus providing less accurate command to the printing wires. The dot matrix print technology is in use in devices like ATM's, cash registers and mostly at point of sale terminals.

Unlike other printers this printer continues the printing job even if it is running out of ink creating fader shades rather than suddenly stopping half way. They come very useful for data logging purposes as these printers can be fitted to supply with continuous paper rather than individual sheets..

The cartridges of these dot matrix printer are provided with an ink ribbon that does not dry out easily and hence they are very convenient for use in environment where printer duty can be rare or require continuous output. The laser and inkjet printers have wide applications and come very handy in homes and offices..

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