

HOW TO CHOOSE - Printers and Multifunctional Machines



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The type of technology that the printer uses will affect which documents you will be able to print;

Inkjet Printers are versatile machines particularly suited for producing complex colour documents such as photographs. The common standard for home printing, producing fine droplets of ink to create excellent output on plain, glossy and photo paper.
Pages 480-487.



Laser Printers can print off reams of text documents in no time at all. Laser printers especially all in one's are usually very large so check the available space before purchasing. Laser printers offer superb printing as standard, giving razor-sharp precise output, superior over inkjet, but of course, more expensive, ideal for business use.
Pages 488-495.



Multifunctional Machines/MFPs at the very least comprise of a printer, scanner and copier all in one. A fax machine is a common facility in many new MFPs. Having a multifunction unit saves space over having three or four separate devices, and also delivers financial savings for business.
Pages 483-487 and 493-495.



Dot Matrix Printers compact, reliable printers that handle a wide range of lower volume back or front office jobs with ease, and keeps costs down in the process. It's great as part of a measurement and control system, and you can choose from a wide range of options to build the perfect printer for your business.
Page 500.



Key considerations;

- **DPI:** The amount of dots-per-inch. The higher the DPI, the better. Specifications of 600 dpi and over are common, and are usually suitable for detail rich photo reproduction.
- **Print speed/PPM:** Pages per minute.
- **Copy Speed/CPM:** Copies per minute.
- **Duplexing:** Double-sided printing. Great for cutting down on paper usage, and creating booklets.
- **Memory;** Important for large print jobs and printers with Network Connectivity.
- **PictBridge™:** If your camera and printer has this technology, you can connect them together without the need for a computer.
- **Direct print:** Some printers have the addition of an LCD screen and memory card slots to enable you to edit and select prints direct from a memory card.
- **Toner-saving:** Most printers come with software and/or facilities to cut down on the ink usage. If you do not need the potential quality, it's best to set your printer for toner-saving mode, enabling you to get more life out of your ink toner cartridges.
- **ADF:** Auto document feeder for photocopying or faxing long documents without the need for supervision.
- **DADF:** Duplex automatic document feeders enable photocopies or faxes to be scanned on both sides, increasing productivity and speed.
- **Fax:** the higher the modem speed Kbps the quicker the transmission speed.
- **10/100 Base TX Ethernet Connectivity:** Network connectivity allows many users to use one printer.

