

Digital Printing

Process

Digital inkjet printing involves printing from a computer image file using an inkjet printer as the final output method.

It is a non-impact form of printing that uses thermal and electrostatic techniques rather than mechanical systems. Inkjet printers squirt heated ink through a matrix of holes onto the substrate to form characters or images.



A typical inkjet printing head has 300 or 600 tiny nozzles, all of which can fire a droplet simultaneously. This type of printing allows very fine detail with graduated colouring and shading effects, that are not possible through conventional screen printing methods.

Digital printing can also be advantageous and cost effective when only very small quantities are required, as it negates the need for the preparation of physical artwork and silk screen production.

