

Business inkjet Heat-Free Printing Technology

The benefits of Epson's Heat-Free Printing Technology for your customers

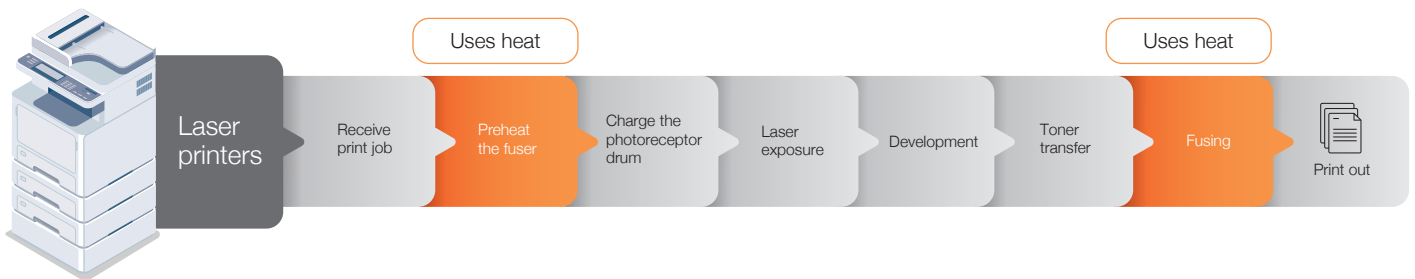


Epson inkjet printers use Heat-Free Printing Technology to deliver advanced customer benefits.

Epson Heat-Free Printing Technology does not require heat in the ink ejection process. Instead pressure is applied to the Piezo element, which flexes backwards and forwards firing the ink from the printhead. In contrast, laser printers need to heat the fuser to enable printing.

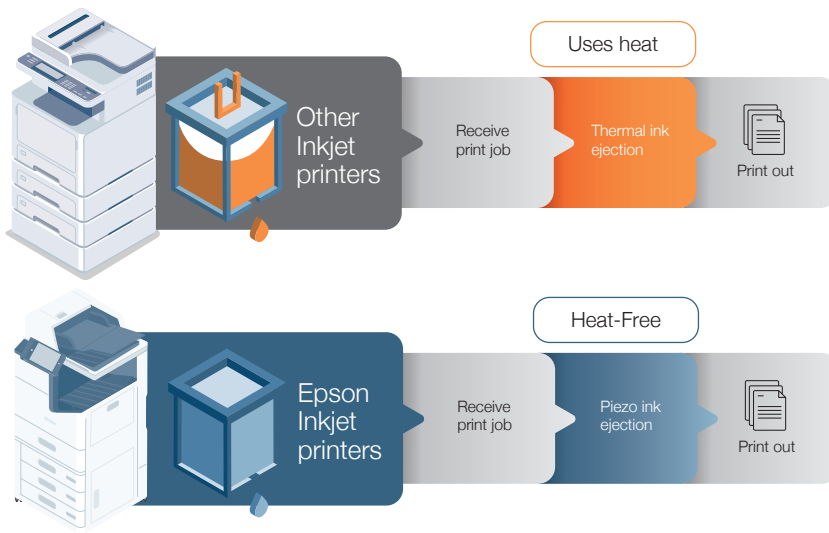
Laser printing process

Typically this is a complex process involving separate stages. It requires preheating the fuser, and again uses heat to fuse the toner to the paper.



Inkjet printing process

This method is comprised of only three stages to achieve a printout.



How Heat-Free Printing Technology helps your customers



Save time with consistent high-speed printing

Heat-Free Printing Technology requires no heat to warm up when it is switched on or awoken from sleep. This means printing starts immediately.



Less power consumption saves energy and money

Heat-Free Printing Technology uses less power because it does not use heat to warm up. As inkjets have no fuse unit to heat, this results in significantly less energy consumption.



Fewer replacement parts, lower environmental impact

Laser printers typically have more consumables and require periodic replacement of the drum, transfer belt and fuse in many cases. Thanks to Heat-Free Printing Technology, our inkjet printers use fewer parts that need replacing.



Less intervention increases productivity

The Heat-Free structure of Epson inkjet printers means that there are fewer parts that can fail, which reduces the amount of intervention required.



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