Shaping the future of printing with Heat-Free Technology

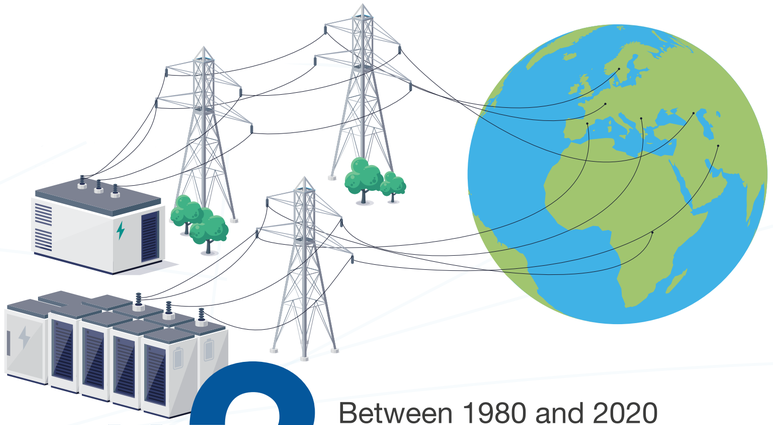
Epson inkjet printers use less power, saving energy

EPSON®

Rising to the global electricity challenge

As electricity consumption accelerates around the world, it's time to think about what we can all do to reduce our use.

And switching to Heat-Free printing technology is one way to play a part.

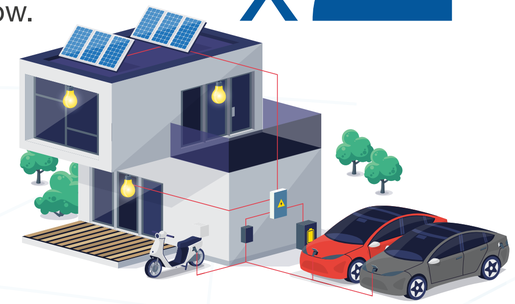


x3

Between 1980 and 2020 global electricity consumption **more than tripled.**[1]

And electricity consumption is set to **double by 2050**[2] as electrification and living standards grow.

x2



How can Epson help?

The benefits of Heat-Free printing technology

Switch to Heat-Free printing technology for low power consumption. Every page you print can make a difference. And you could unlock other efficiencies too.

Reduced power consumption saves energy

Heat-Free printing technology lowers the need for power because it doesn't use heat to warm up. Epson tests show that, as inkjets have no fuse unit to heat, users can save up to 69% on energy.[3]

Fewer parts to replace, lower environmental impact

Laser printers have drums, transfer belts and fuses that can require periodic replacement. Inkjet printers feature none of these parts, avoiding the need for their replacement.

Save time with ready-to-go printing

No heat also means no warm-up time when the printer is switched on or woken from sleep. It starts printing immediately.

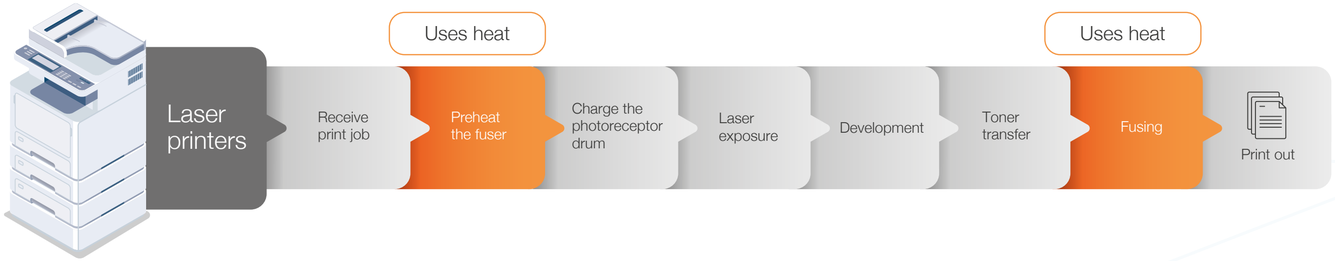
Reduced maintenance

The Heat-Free structure of Epson inkjet printers means that there aren't as many parts that can wear out, which means less maintenance intervention.

The benefits of Heat-Free printing technology

At Epson, we're focusing on changing the way we consume electricity. Switching to Heat-Free printing technology, which uses no heat in the ink ejection process and delivers lower power consumption.[4]

Laser printing process



Inkjet printing process

[1] Based on Epson calculations, the WF-C20750 uses 69% less energy compared to the average energy saving of the 5 best-selling 65 PPM colour multi-function printers in France, Germany, Italy, Spain and UK (IDC, Quarterly Hardcopy Peripherals Tracker, 2022 shipments, published Q4 2022). Comparison based on the Typical Energy Consumption (TEC) as published by ENERGY STAR and/or the manufacturers' official specifications.

[2] Total final consumption of electricity from IEA World Energy Balances Highlights 2022

[3] Total final consumption of electricity with NetZero scenario base from IEA World Energy Outlook 2022 Free Dataset

[4] www.epson.eu/heat-free

For further information please contact your local Epson office or visit www.epson.eu/contact-us

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