

The Star Difference



Low CO₂ emissions from Star

Star Micronics prides itself on products that are environmentally friendly and has developed direct thermal printers that are efficient both in terms of their low power consumption and low CO₂ emissions.

Small and compact, the TSP800 printer from Star Micronics provides an effective alternative to a traditional laser printer proving itself to be the ideal solution for environments such as hotel reception areas where space is limited and high performance printing is required.

Star's printer drivers allow printers to scale down everything that is displayed on a screen with exacting precision. Whether using standard 80mm wide paper or 112mm wide paper, the documents created will be printed exactly as they are displayed. This is ideal for printing from any application that is designed only for A4 printers (such as Internet Explorer). For example, using the Star TSP800 in a kiosk the customer benefits from web printing services by automatically scaling A4 images on to 112mm wide paper without having to install an expensive and complex laser printer with its associated consumable costs. Also, this means that there is no requirement for third party software controls to enable scaled printing. All this from Star printers with a first page out time of less than one second compared with an average of 22 seconds for the CANON Laser Jet LBP5050.

Beyond this flexibility, Star printers are environmentally friendly. Recent tests carried out comparing a number of Star direct thermal printers with the CANON Laser Jet LBP5050 have revealed that Star clearly leads the field in terms of low power consumption and low CO₂ emissions.

Power consumption

Manufacturer	Star	Star	CANON
Product	Direct thermal TSP650	Direct thermal TSP700II/TSP800	Laser Jet LBP5050
Power consumption(W)			
At printing (max)	120	120	535
At printing (ave)	40.8	43.2	245
At standby	3.6	3.6/2.4	11
PS60B	0.42	0.42	-
Product total (W)	41.22	43.62	245

CO₂ emissions

	Unit	TSP650	TSP700II/TSP800	LBP5050
One hour	1	0.0227	0.0240	0.1348
One day (8 hours)	100	18.1368	19.1928	107.8
One month (20 days)	100	363	384	2,156
One year (12 months)	100	4,353	4,606	25,872

