

**Product: Laser or Inkjet Printers**



**Overview:** Remanufactured printers should be provided with at least a 12 month warranty and assurance that out-of-warranty support will be comparable to that of a new printer. Consumables for the model of printer should be available for at least five years.

Suppliers should be able to demonstrate that any new components fitted to remanufactured equipment are RoHS (Restriction of use of Hazardous Substances) compliant if the original unit was put on the market after 1st July 2006. Suppliers should also operate a take-back scheme that will recover unwanted end of life equipment either for proper dismantling and recycling, or for export to secondary markets (working equipment only) if the equipment has no market value in the UK. Preference should be given to suppliers who offer to evaluate the needs of the entire reprographics system and recommend the most cost and energy efficient solution. This may often be the use of an MFD (multi function device) rather than a separate printer and copier etc.

Environmental Impacts	Cost Effectiveness	Market Availability	Competitive Market	Resource Savings	Potential for Increased Procurement to Affect the Market
1) Production and transportation energy, and use of hazardous substances. 2) Usage phase (major). 3) Disposal, particularly of plastics and hazardous materials such as flame retardants and lead-based solder.	Savings of 25% or more are usual when purchasing a remanufactured printer. If looking to lease, lower monthly payments can be negotiated for remanufactured units.	The practice of remanufacturing printers is popular with many large original equipment manufacturers (OEMs) as well as a large number of third parties. Most popular models of both types are available, to purchase or to lease.	Suppliers of remanufactured printers compete with new and second-user refurbished equipment.	The remanufacture of electronic equipment generally consumes far less material and energy than production of new. Remanufacture will usually occur within the UK and so the transport energy associated with the product is reduced as it has not been shipped from the Far East (where the vast majority of production occurs). Using a responsible remanufacturing agent with a take-back scheme also ensures that when the product finally reaches the end of its life, it will be disposed of correctly.	A move to use remanufactured rather than new equipment would significantly boost the demand for remanufacture.