

Océ
VarioStream
Sustainability



Making the
environment a priority



Minimize your
ecological footprint

- State-of-the-art paper handling
- Reduce, reuse, recycle
- Built-in environmental sustainability

Making the environment a priority



Océ VarioStream Sustainability

Minimize your ecological footprint



The Océ VarioStream[®] 7000 and 8000 are designed to help our customers achieve their environmental goals.

Being a high-tech company with a wealth of knowledge and expertise plus a strong sense of responsibility towards society, Océ has a sharp eye for the hazards potentially connected with goods manufacturing, the more so because the processing of chemicals is very much a part of its history.

Minimize your ecological footprint



Océ has always made the environment a priority

Based on a strong awareness of potential hazards, Océ has integrated the protection of its personnel and the environment into its day-to-day operations from the very beginning. As technology developed and knowledge increased, Océ stayed at the forefront, participating in many committees and work groups preparing official regulations and directives. Given the position it occupies in society, Océ regards compliance with statutory regulations as a minimum requirement and applies internal guidelines that create a safety zone well above that statutory level. The Océ VarioStream 7000 and 8000 are no exception.

RoHS

One of the first broadly adopted environmental initiatives is the European Union's Restriction of Hazardous Substances directive, or RoHS. RoHS seeks to improve the environment by strictly limiting the amount of six hazardous chemicals present in electronic equipment. These six chemicals are lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB), and polybrominated diphenyl ether (PBDE). Each Océ VarioStream 7000 and 8000 is fully RoHS compliant. In addition, we are working to insure that the product also complies with similar initiatives being implemented in Asia and North America.



Beyond RoHS

But compliance with regulations is only the bare minimum. Unlike other printing technologies, the Océ VarioStream 7000 and 8000 require no special cleaning fluids which subsequently require safe disposal. All filters and parts changed by operators do not require special disposal. All parts exchanged by our engineers are, where practical, recycled by Océ. The technology is designed to be safe for the operators and the environment.



Enhanced Print Quality

State-of-the-art paper handling

Many environmentally conscious customers would like to use paper with more recycled content. Traditionally, recycled content paper could pose print quality problems that would be unacceptable to end customers. However, Océ engineered a new toner transfer system, called “Enhanced Print Quality”. With the Enhanced Print Quality feature (EPQ), the paper is pressed against the photoconductor drum. The toner is transferred by means of this contact and an electrical charge. The result is better image quality, even on paper that wasn’t originally designed for use with this type of technology. Of course, printing on both sides of the page also saves paper. But another potential problem with recycled paper is that it can warp in the fusing process. Traditionally, this can result in poor image quality and even data loss on the reverse side. However, EPQ solves this problem with the transfer roller. The paper is flattened as it is pressed against the photoconducting drum, eliminating any warping that may have occurred when printing the first side. The image quality on back side of the page is as good as the image on the front side. This technology is only available on Océ continuous feed printers. It is a standard feature on all Océ VarioStream 8000 and Océ VarioStream 7000 systems with a pinless transport.



Minimize your ecological footprint

Reduce, reuse, recycle

The printers are also designed to prevent print errors before they occur. For example, the Océ TonerSafe™ system on the Océ VarioStream 8000 checks every bottle of toner loaded into the system. The toner must match the toner type in the developer station or the toner will not be fed into the printer. This prevents running a complete job with the wrong toner type. Not only does this save the paper which would have to be immediately recycled, but also prevents wasting toner. Only Océ printers have this technology.



Reduce

One of the most used items on the Océ VarioStream 7000 and 8000 is the toner bottle. This is one area where Océ has made considerable progress. As we have upgraded the technology, we have also reduced the packaging. The industry standard was about 3 kilograms of toner per bottle. Toner on the Océ VarioStream 7000 and 8000 is packaged in 4 kilogram bottles. In addition, the bottles are not shipped in individual cartons, but in 3-packs, further reducing the packaging. In addition to reducing the packing, we've also provided a way for customers to use less toner. For documents not requiring high darkness levels, the darkness setting on the printer can be reduced. Using this feature can reduce toner usage by over 20%. In addition, the Océ VarioStream 7000 and 8000 printers are some of the most efficient in their class with more than 90% of the toner ending up where it is supposed to be, on the printed page.

Reuse

But, what happens to the toner bottles when they are emptied? We reuse them. Empty toner bottles are reused to collect waste toner and developer from the system. Other systems require special waste collection containers. But the Océ VarioStream 7000 and 8000 systems simply reuse the old toner bottles. Because of the Océ TonerSafe system built into the printers, the waste bottles from the Océ VarioStream 8000 cannot accidentally be reused in the printer as new toner.

Recycle

All toner bottles are coded for recycling and empty toner bottles can be recycled by using local recycling facilities. In some regions, Océ also provides recycling collection services for used toner bottles.

Making the environment a priority

Environmental sustainability is built in Better power usage

With the Océ VarioStream 8000, Océ has introduced a new level of performance. The Océ VarioStream 8750 is fast enough to replace two older printers. By replacing two older printers with one faster printer, electrical consumption can be reduced by up to 20%. The result is higher productivity and reduced electrical consumption. In addition, all Océ VarioStream 7000 and 8000 systems come with a standby power mode. By using this mode, electrical consumption is less than 5% of the maximum power usage.

The bigger picture

Océ's commitment to environmental sustainability goes beyond single products. It is a corporate value that is integrated into the way we do business. Take for example ISO 14001, a dynamic system that calls for clear target setting and continuous improvement. In 2007, Océ-France was the ninth Océ company to be certified to ISO 14001 for its environmental management system. And the number is still growing; other Océ companies are now in the process of applying for certification and we expect to add them to the list soon.

Océ is also involved with several national and international organizations to promote environmental sustainability on a worldwide basis. For example, Océ subscribes to the ten principles laid down in the Global Compact of the United Nations (www.unglobalcompact.org). The UN Global Compact asks companies to embrace, support and enact, within their sphere of influence, a set of core values in the areas of human rights, labor standards, the environment, and anticorruption.

ISO 14001 certificates

- Océ-Technologies (Venlo)
- Océ Printing Systems (Poing)
- Arkwright (Fiskeville)
- Océ-España (Barcelona)
- Océ (Schweiz, Glattbrugg)
- Océ-Czeska Republika (Prague)
- Océ-Iberia
- Océ-Slovenská republika (Bratislava)
- Océ-France



You can learn more about the UN Global Compact and other corporate sustainability programs by reading the Océ Sustainability Report. This report is updated annually and can be downloaded from the Océ corporate website (www.oce.com).



Beyond the Ordinary



Printing for Professionals

Océ helps the people who make our world. Companies everywhere use Océ technical documentation systems in manufacturing, architecture, engineering and construction. Each week, high speed Océ printing systems produce millions of transaction documents such as bank statements and utility bills. And in offices around the world, people use Océ professional document systems to keep the wheels of business and government turning. Océ is also at work in publishing on demand, newspaper production, document management outsourcing and wide format color for spectacular display graphics. It all helps our professional customers go "Beyond the Ordinary" in printing and document management.