> Sustainability involves much more than just creating an energy-efficient product.

DAKTRONICS CORPORATE SUSTAINABILITY

With more than four decades of ongoing research driving changes in our technology, Daktronics understands that sustainability involves much more than just creating an energy-efficient product—it's an ongoing commitment that must reach all levels of a company, from its manufacturing to its customers, in order to make a true impact.

Whether it's aggressively eliminating corporate waste within our operations or actively educating customers on energy-efficient display management, the Daktronics environmental philosophy entails a multi-faceted approach to sustainability that strives to optimize our technology, educate our customers, reduce our corporate waste and stay actively involved in our community to ensure a brighter, greener tomorrow.

OUR TECHNOLOGY

- Reducing energy consumption by using the highest quality, most energy-efficient LEDs available.
- Implementing Power Factor Correction (PFC) technology to maximize the efficiency of all display power connections.
- Offering SunWize solar power options on select Daktronics products.
- Creating RoHS-ready products completely devoid of mercury, cadmium, hexavalent chromium (Cr6+), polybrominated biphenyls (PBB), polybrominated diphenyl ether (PBDE) and other hazardous materials.

OUR COMPANY

- Eliminating corporate waste through automation and LEAN manufacturing principles.
- Dedicating staff towards environmental stewardship and compliance.
- Aggressively recycling all eligible office and industrial materials.
- An ongoing commitment to developing energy-efficient, environmentally friendly products.

OUR CUSTOMERS

- Recycling older customer systems (both Daktronics and non-Daktronics) through licensed recycling paths.
- Educating display operators on energy-efficient display management techniques.
- Minimizing local light pollution through advanced LED louver technology.
- Strict compliance with all local, state and federal environmental and safety legislations.

OUR COMMUNITY

- Actively participating in community sustainability efforts and recycling programs.
- Partnering with the United Way to donate money and resources to community charities.
- Cleaning up local highways through a partnership with the Adopt-a-Highway program.
- Building a greener tomorrow by supporting and promoting community green projects.

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Sustainability requires commitment to protecting and improving the environment.

DAKTRONICS CORPORATE SUSTAINABILITY

According to the United Nations, sustainable development "meets the needs of the present without compromising the ability of future generations to meet their own needs." Daktronics incorporates sustainable practices into everyday operations. Through constant research and restructuring of processes (both manufacturing and non-manufacturing) Daktronics reduces wastes and recycles excess materials. Sustainability requires commitment. As a company, Daktronics strives to produce quality LED products with as minimal impact on the environment as possible.

ENVIRONMENTAL POLICY

It is the intention of Daktronics, Inc. to contribute to the protection and improvement of the environment. We are committed to the fullest extent to comply with all local, state and federal regulations. We view the *SD DENR as a resource to help us understand and comply with established environmental rules. We will not hesitate to contact them with our questions and concerns. Daktronics, Inc. attempts to take a proactive status in establishing and maintaining environmental procedures that protect the environment, our employees' health, our customers, suppliers and surrounding neighbors. Whenever possible, Daktronics, Inc. will seek to reduce our *VOC and *HAP emissions by finding lower or no VOC replacement products. We strive to utilize our products most efficiently in order to reduce waste. We search to find the most effective means to reuse or recycle our waste products. When disposal of waste is necessary, Daktronics, Inc. will take steps to ensure that it is done in accordance with all local, state and federal regulations. Daktronics, Inc. will also seek to conduct business with suppliers and subcontractors that share our concern for the environment. We will not tolerate known violations of environmental laws either by inaction or by actions of our employees, contractors, or suppliers.

LEAN & GREEN **RECYCLE**

- Aluminum
- Steel
- Cardboard
- Plastic
- Glass
- Paint Product Cans
- Wood
- Paper
- Printed Circuit Boards

Daktronics strives to eliminate waste while manufacturing quality products by incorporating Lean principles into everyday practices. Principles such as five S (Sort, Straighten, Shine, Standardize and Sustain) are designed to reduce waste and help Daktronics reach short and long term environmental goals.

PRESERVE

One way that Daktronics contributes to the protection and improvement of the environment is through the Adopt-a-Highway program. Year after year, Daktronics employees volunteer to clean up trash along a four mile stretch of interstate 29 (located just south of corporate headquarters).

CONSERVE

After 15 minutes, sensors shut off lights in offices, conference rooms, and restrooms throughout the company. This move conserves countless amounts of energy.

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Daktronics is committed to using the latest green lighting technology.

LED **TECHNOLOGY**

Daktronics is the world leader in LED technology; which is the most efficient form of lighting commercially available today. "Daktronics is committed to using the latest green technology; including the most energy-efficient LEDs from top-quality LED suppliers," said Paul Gilk, head of Commercial Engineering. Here are the qualities that make Daktronics' LED technology a sustainable and environmentally friendly solution.

- LEDs have a lifeline of up to 100,000 hours.
- Typically, LEDs burn about 10% of their energy as heat and the rest as light; as opposed to their predecessor, the incandescent light bulb, which burns about 98% of their energy as heat and 2% as light.
- LEDs lower monthly power bills and require low maintenance.

SOLAR **POWER**

Providing an innovative and sustainable solution, Daktronics now offers a solar power option for scoreboards. Upon installation, the scoreboard is ready for use with an operation time of 20 hours, with full sun power, or 15 hours without sunshine. Although it takes five days to completely recharge a dead battery, the display still runs for 3.5 hours every day, ensuring reliable usage for consecutive game days. "Combining Daktronics blue with solar rays we've effectively produced a 'green' scoreboard for the first time in company history," said Kurt Kaski, lead designer for the project. "A lot of people like the green factor. Since it's a renewable energy source they're doing their part to help the environment." The solar power option is available for a select number of baseball, football, soccer and multisport scoreboards.

STAR **CIRCUITS**

Star Circuits, a division of Daktronics, produces more than 200,000 printed circuit (PC) boards annually. Throughout the process of making PC boards, a large amount of by-products are created that need disposal. For each circuit board produced, approximately half a pound of waste is being recycled. On a yearly basis, Star Circuits recycles approximately:

- Foil 50,000 lbs (22,727 kilos)
- Copper 30,000 lbs (13,636 kilos)
- Silver Film 4,000 lbs (1,818 kilos)
- Aluminum 3,000 lbs (1,363 kilos)
- Tin Dross 2,700 lbs (1,227 kilos)
- Lead Dross 1,300 lbs (590 kilos)

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