

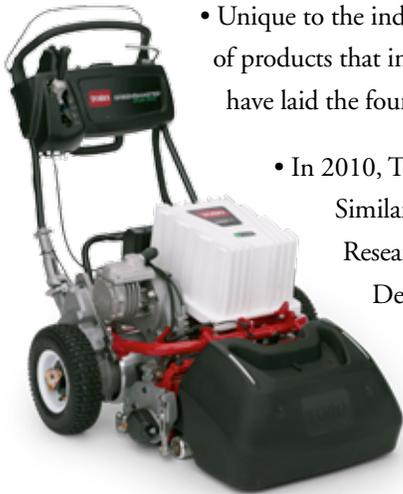


Our Commitment to Responsible Environmental Practices

Consistent with the principles on which we were founded, The Toro Company is committed to helping customers enrich the beauty, productivity and sustainability of the land with innovative turf and landscape maintenance equipment, and irrigation solutions. At the same time, we employ strategies and practices to protect, support and enhance the human and natural resources important to our future.

Product Innovation

Innovation is a constant driver in our success – as we strive every day to develop products that yield performance, productivity, and environmental benefits to our customers. This includes efforts to advance fuel efficiency and reduce emissions through propane, biofuels, hybrid, advanced battery, electronic fuel injection, and hydrogen fuel cell technologies.



*Toro® Greensmaster® eFlex®
lithium-ion battery-powered greensmower*

- Unique to the industry, Toro's Center for Advanced Turf Technology (CATT) has been influential in the development of products that increase productivity, save water, reduce fuel consumption, and improve growing conditions. They also have laid the foundation for future innovations in robotics, fuel cells, advanced battery technologies and site assessment.
- In 2010, Toro partnered with ATK to develop two utility vehicles powered by advanced hydrogen technology. Similar to what Toro successfully demonstrated as part of a three-year project with the New York State Energy Research and Development Authority (NYSERDA), these prototype vehicles were delivered to the U.S. Defense Logistics Agency for operational demonstration.
- Toro's Greensmaster® eFlex® walk greens mower, the industry's first lithium-ion battery-powered machine, can mow up to nine greens on a single charge.

- Toro's Greensmaster® TriFlex™ Hybrid riding greens mower features an all-electric reel drive system.
- Toro and Exmark propane-powered professional mowing equipment utilize a cleaner-burning fuel that can reduce maintenance cost and extend engine life.
- Toro and Exmark were first in the turf industry to approve B20 biodiesel fuel for most commercial and landscape contractor equipment.



Exmark® Lazer Z® propane-powered mower

- Compliant with applicable worldwide exhaust and evaporative emission standards set forth by the U.S. Environmental Protection Agency (EPA), California Air Resources Board (CARB), and the European Union.

For gasoline-powered products:

- The EPA’s Phase 3 emission standards, implemented during 2011 and 2012 for small off-road engines, have reduced exhaust hydrocarbons by roughly 35 percent and evaporative emissions by about 45 percent.
- Product changes include low permeation fuel lines and tanks, sealed and tethered fuel caps, carbon canisters, and other modifications – in accordance with EPA and CARB guidelines.

For diesel-powered products:

- The EPA’s Tier 4 emissions regulations for non-road diesel engines (25-74 horsepower) took effect January 1, 2013. These require particulate matter emissions to be reduced 90 percent, plus additional reductions in hydrocarbons and nitrous oxide emissions. Toro has partnered with Yanmar America as supplier of Tier 4 compliant engines for its innovation, low lifecycle ownership cost, and reduced environmental impact.



EPA Tier 4 compliant diesel engines

- Our proprietary Recycler® cutting system mulches grass clippings into fine particles to return vital nutrients and moisture back to the soil, helping reduce yard waste in landfills.

Irrigation Efficiency

Our innovative water-saving irrigation technologies continue to revolutionize the irrigation industry, and help customers in diverse turf and agricultural markets use this critical resource more efficiently.



Turf Guard® soil sensors

- Advanced solutions in site assessment, like Toro’s new PrecisionSense™ technology, help customers measure and map variability in soil moisture, salinity, compaction and turf health to more efficiently manage water and other resources.
- Leveraging Toro’s innovative Turf Guard® wireless soil sensing technology used on golf courses and sports fields, the award-winning Precision™ Soil Sensor helps homeowners maximize irrigation efficiency by watering only when the soil needs moisture.



Precision™ Series Spray Nozzles

- Toro’s patented Precision™ Spray and Rotating Nozzles, which easily retrofit existing irrigation systems, reduce flow rates by 35% while still covering the same distances, and deliver a lower application rate to provide up to 30% water savings.

- In partnership with water districts in California, Toro introduced freesprinklernozzles.com in 2011 to help homeowners realize significant water savings. To date, over 120 cities are participating and interest is growing in other states. Collectively, hundreds of thousands of Toro’s Precision™ Spray Nozzles have been redeemed by customers with the potential to save more than 1 billion gallons of water over a five-year period.



Toro® Drip Irrigation

- Agricultural growers around the world seek technologies that help increase productivity of existing land and water resources. Led by Toro’s patented Aqua-Traxx® tape and BlueLine™ offerings, our innovative solutions help growers worldwide maximize efficiencies in water usage and improve crop yields.
- With global concerns surrounding water availability and cost, Toro’s WaterSmart® Symposium brings together customers and industry experts to discuss resource challenges, improved management practices, and advanced irrigation technologies.

Recycling Programs

- Recycling program converts used irrigation drip tape into reusable products like garbage bags, plastic lumber and highway barriers. (El Cajon, CA; Italy; and Australia)
- On a global level, the company and its distributor partners are actively involved in various product take-back and recycling programs.

Operational Efficiency

Our focus remains constant on eliminating waste and increasing efficiencies in our operations.

- The Tomah (Wisconsin) manufacturing facility, which produces commercial equipment sold in North America and exported worldwide, is registered as ISO 14001 compliant. This requires integration of environmental protections and compliance into all aspects of the business to ensure continuous improvement. The site also has been recognized by the Wisconsin environmental program, Green Tier, for excellence of its environmental programs.
- Our Riverside irrigation testing facility includes a closed-loop system that utilizes filtered, recycled water to minimize overall water and energy consumption. (Riverside, CA)
- Toro installed new exhaust scrubbing technology at its engineering test facility to reduce carbon monoxide and other contaminants by more than 90 percent. (Bloomington, MN)
- All worldwide manufacturing facilities recycle steel, aluminum, plastics, cardboard packaging and paper.
- Recover and reuse powder (paint) coating at manufacturing sites.
- Recycle water used in production through a wastewater treatment system. (Tomah, WI; Windom, MN; Juarez, Mexico)
- Installed new cleaning systems with reduced energy and water requirements. (Beatrice, NE)
- Replacing inefficient lighting fixtures at many facilities to reduce our energy usage and carbon footprint.
- Recycle and reuse 90+ percent of plastic waste generated by manufacturing drip irrigation products. (El Cajon, CA; Sanford, FL; Australia; and Italy)
- Rainwater collection and redistribution system to irrigate garden and grounds. (Australia)
- Transport product components from suppliers to our facilities in returnable, reusable or recyclable packaging.
- Transport many professional products in returnable, reusable steel crating to reduce wood packaging waste.

Community

The Toro Company has built a legacy of environmental, educational and community support deeply rooted in our culture.

- Provide annual financial support to environmental organizations.
- Initiate employee activities to renovate parks and restore lakes, rivers and landscapes to their natural beauty.
- Support environmental research projects on water use efficiency, resource management and turf health. (Environmental Institute for Golf, Irrigation Foundation, and SAFE Foundation)
- Educate individuals of all ages on efforts in environmental sustainability. (Golf Environment Organization, National Recreation and Park Association, The First Tee, and Audubon International)
- Fund turf management research programs at leading academic institutions to further the science of turf management and improve efficiency in resource management.
- Donate turf and landscape equipment, and irrigation solutions, to nonprofits to help maintain landscapes and reduce water use.

