



Spraying Systems Co.[®]

SUSTAINABILITY INITIATIVES AND RESULTS

Spraying Systems Co., headquartered in Glendale Heights, Illinois, is a privately held company operating 12 manufacturing facilities on six continents and more than 90 sales offices worldwide. Advanced spray technology is widely used by manufacturers of food, paper, steel, pharmaceuticals, petrochemicals, building supplies, automobiles and agricultural equipment. Our spray nozzles and automated spray systems allow customized processes to meet highly specific performance requirements; reduce chemical, energy and water use; improve worker safety and safeguard the environment.

“Our focus on sustainability began long before it was called sustainability – we’ve been committed to saving our customers time, money and energy since our founding in 1937.”



From the CEO

More than 50 billion gallons flow through our products every day. Our spray nozzles disperse almost any imaginable fluid in a variety of controlled patterns with repeated optimized droplets. This precision translates directly into better performance and control for our thousands of customers in more than 200 manufacturing and agricultural industries, helping them reduce raw material waste, energy consumption, pollution, adverse health consequences and environmental impact. Our specially trained field sales engineers work closely with our customers to identify and capitalize on opportunities to improve the sustainability of their spraying applications. At the same time, we are committed to our own sustainability, employing highly specialized, state-of-the-art techniques to manufacture our precision spray components. We are producing leading technology to help firms worldwide improve their sustainability, quality and bottom lines.

Franklin E. Bramsen
Spraying Systems Co.



Committed to Environmental Sustainability

We are mindful of our environmental impact. Through our comprehensive ISO 14001 environmental management system (EMS), we manage our water and energy use as well as our waste and recycling, which is regularly audited by internal and external experts.

MATERIALS

The majority of the materials we use to manufacture our products are non-renewable, such as plastic, brass, steel and aluminum. To conserve these non-renewable resources, Spraying Systems Co. purchases raw materials with recycled content whenever possible.

WATER

We rely exclusively on municipal water in our Chicago-area facility, using it for normal building functions, R&D, landscaping, cafeteria operations and production processes. Approximately 75% of our R&D processes reuse water captured in a 10,000-gallon tank, which is flushed and cleaned just once per year. In addition, as part of our water-reduction initiative, we installed sub-meters to better analyze our water use and identify opportunities to reduce consumption.

We also proactively help customers assess water usage reduction opportunities in their operations that will not adversely affect process and product quality or efficiency. These efforts have resulted in water usage reductions of as much as 75% in certain operations.

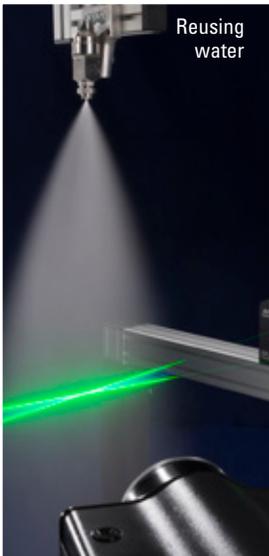
WASTE

To reduce packaging waste from incoming materials, we expanded our bulk purchasing practices. We optimized the plastic molding process to extend the time between line purging, reducing plastic waste. We also collect and recycle plastic waste, machine oil, cardboard, paper, aluminum cans, brass and stainless steel.

By increasing training and employee participation, we continue to add new materials to our recycling and cafeteria composting programs.



Reducing energy through building upgrades



Reusing water



Recycling waste



Recycling materials

Employees participating in the 2018 Wellness Walking Challenge



Committed to the Health & Well-Being of Our Stakeholders, Communities & Customers

We provide programs to maximize employee health and reduce risk. Our products are also designed for safe operation, including automating dangerous manual processes and improving the work environment. We are also involved in improvement initiatives to help make the local community safe.

ENERGY

We upgraded approximately 2,000 light fixtures, resulting in a 50% electrical lighting demand reduction.

Our compressor management control system monitors system usage, optimizes compressed air use and improves energy efficiency.

We've achieved a 20.3% decrease in natural gas consumption through the use of a building automation system that monitors and optimizes energy demand and through upgrades to our heating, ventilation and air conditioning systems.

Since 1995, we've reduced our carbon footprint from energy consumption by 46%.

Since 2015, we've reduced our carbon footprint by more than 5%.

EMPLOYMENT & BENEFITS

For production line workers, entry-level wages are standardized, regardless of gender and are above minimum wage. Full-time employees benefit from profit sharing, a voluntary 401(k) program as well as health, dental, life and travel insurance, short- and long-term disability, career advancement training and tuition reimbursement.

OCCUPATIONAL HEALTH & SAFETY

Our top priority is the health and safety of our employees. Spraying Systems Co.'s 2017 incident rate of 2.78 is well below the industry average of 5.0 for both 2015 and 2016.

TRAINING & EDUCATION

We offer an online education portal with 13 training programs for our manufacturing employees. The programs include a minimum of; 100 hours of online training and 1,800 hours of on-the-job experience. Employees who complete the training programs gain career skills and are eligible for company advancement. As of 2018, our employees completed 14,000 hours of training, earned 62 certifications with 148 more still in progress.



Our focus on sustainability reaches far beyond Spraying Systems Co.'s operations. Our advanced spray technology substantially impacts the sustainability goals of our customers. **We're committed to helping them use, consume, waste and risk less.**

For more information on our *Sustainability Initiatives and Results* report, email us at sustainabilityops@spray.com.



Spraying Systems Co.
Experts in Spray Technology

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