



Elgin Sweeper Company
1300 W. Bartlett Road
Elgin, Illinois 60120
847.741.5370
elginsweeper.com

For Immediate Release

For more information, contact:

Tim Montgomery
Cooper Hong Inc.
630.377.2555, ext. 102
tmontgomery@cooperhong.com

Plug-in, Hybrid Electric Street Sweeper from Elgin Sweeper Helps Municipalities Reduce Greenhouse Gas Emissions

New sweeper delivers significant fuel savings, quieter operation, and reduced emissions without sacrificing power, performance, or productivity

ELGIN, Ill. (Dec. 3, 2019) – [Elgin Sweeper Company](#) (“Elgin Sweeper”), a leading manufacturer of street sweepers in North America, has initiated customer evaluations of a plug-in, hybrid electric version of its popular [Broom Bear](#) mechanical sweeper. The hybrid Broom Bear is another example of Elgin Sweeper’s ongoing commitment to help municipal customers reduce their carbon footprint, improve air quality, and mitigate climate change.

“Street sweepers have always been essential tools for improving water and air quality, and Elgin Sweeper has been committed to working with cities and municipalities across North America to make a positive impact on public health and the environment, while also offering competitive value to taxpayers,” said Mike Higgins, Vice President and General Manager of Elgin Sweeper. “We are pleased to team up with forward-thinking municipalities to help them accomplish their mission of sustainability by advancing the type of innovative sweeping technology found in the hybrid Broom Bear sweeper.”

Hybrid Broom Bear is tough on debris, easy on the environment

The hybrid Broom Bear uses a high-capacity battery to power the sweeper. The battery can be recharged while driving or when plugged into an electrical outlet.

Designed to tackle everything from heavy-duty construction debris, such as millings or gravel, to light street maintenance, the hybrid sweeper’s performance, speeds, capacity, and its availability to work all day remains unchanged from the standard Broom Bear sweeper.

The sweeper's short wheelbase, large brooms, and dual mode air suspension system is ideal for sweeping in densely populated areas. Its large hopper and water tank results in more productive sweeping time and fewer scheduled stops.

Less fuel, less noise

The plug-in, hybrid electric Broom Bear sweeper consumes dramatically less fuel relative to the baseline Broom Bear, while maintaining overall performance. The hybrid sweeper's low noise level is an added benefit for the operator, and especially for residents living in areas where sweepers routinely operate.

From concept to reality

"We could not have developed the hybrid Broom Bear sweeper without Elgin Sweeper's innovation process that has sparked the launch of several new sweepers in recent years," said Ron Schmidt, Chief Technology Officer for Elgin Sweeper. "The hybrid Broom Bear sweeper required a significant investment in research and development, including customer needs assessment through product testing and validation."

Schmidt added that the objective of the hybrid Broom Bear development is to assist cities with their sustainability initiatives. "Elgin Sweeper's team especially recognizes the City of Los Angeles and its team of street maintenance and fleet maintenance professionals for their insight and feedback, and for access to the city's streets and personnel during the product concept and development process," he said.

About Elgin Sweeper Company

Sold and serviced through a network of more than 100 dealer locations worldwide, Elgin Sweeper products are the sweepers of choice for a variety of general street maintenance, special industrial and airport applications. With more than 100 years of experience, Elgin Sweeper offers municipalities, contractors and industries the most sweeper options in the world, using the latest sweeping technologies—mechanical, pure vacuum, regenerative air, alternative fuel and waterless dust control. Elgin Sweeper is a subsidiary of Federal Signal Corporation's Environmental Solutions Group. For more information, visit www.elginsweeper.com.

About Federal Signal

Federal Signal Corporation (NYSE: FSS) builds and delivers equipment of unmatched quality that moves material, cleans infrastructure, and protects the communities where we work and live. Founded in 1901,

Federal Signal is a leading global designer, manufacturer and supplier of products and total solutions that serve municipal, governmental, industrial and commercial customers. Headquartered in Oak Brook, Illinois, with manufacturing facilities worldwide, the Company operates two groups: Environmental Solutions and Safety and Security Systems. For more information on Federal Signal, visit www.federsignal.com.

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Photos



Elgin Sweeper Company has initiated customer evaluations of a plug-in, hybrid electric version of its popular Broom Bear mechanical sweeper intended to assist cities with their sustainability initiatives.



Using a high-capacity battery that can be recharged while driving or when plugged into an electrical outlet, Elgin Sweeper’s hybrid Broom Bear sweeper is designed to tackle everything from heavy-duty construction debris, such as millings or gravel, to light street maintenance.