



Elgin Sweeper ships Hybrid Broom Bears with an Odyne Electrification System

Odyne's patented plug-in hybrid electrification system integrated with Elgin Sweeper improves efficiency and lowers emissions for municipalities

Pewaukee, WI. – March 24, 2022, Odyne Systems, LLC and Elgin Sweeper announced Hybrid Broom Bears integrated with a patented Odyne Electrification System. Elgin, one of the largest manufacturers of sweepers for municipal, construction, industrial and airport applications in the U.S., has provided hybrid sweepers to the City of LA using Odyne's plug-in hybrid electrification ePTO technology.

Learn more about how sweeper electrification can impact you and your community, visit <https://www.elginsweeper.com/products/mechanical/hybrid-broom-bear>

The Odyne electrification system reduces emissions, fuel consumption, noise, and operating costs by powering the Broom Bear's sweeper using cleaner energy from the grid. The system uses a high-capacity lithium-ion battery in conjunction with the Broom Bear's extremely effective sweeper to provide unchanged class leading performance with higher efficiency. The Odyne system also integrates with an Allison transmission to provide the flexibility to recharge by the vehicle engine if needed for extended operation while still improving efficiency. The plug-in electric system is available on standard CNG or diesel-powered truck chassis and reduces emissions by drawing upon stored electrical energy.

"Elgin is excited to have Odyne as our partner for Electrification Systems and looks forward to helping municipalities accomplish their mission of sustainability by advancing the type of innovative sweeping technology found in the hybrid Broom Bear sweeper" commented Mike Higgens, Vice President and General Manager of Elgin Sweeper. Ron Schmidt, Chief Technology Officer for Elgin Sweeper, went on to add that "Elgin and Odyne worked together to develop the hybrid Broom Bear, including customer needs assessment through product testing and validation. The objective of hybrid Broom Bear development is to assist cities in their efforts to increase energy efficiency, reduce carbon, and provide a clean and healthy environment."

"Odyne's engineering and manufacturing team are excited to work collaboratively with Elgin Sweeper with the Hybrid Broom Bear. Odyne is pleased to help Elgin advance their mission of sustainability and to assist communities in reaching their goals for a clean, healthy environment. The Plug-In Hybrid Electric Broom Bear leverages an Odyne patented ePTO electrification system that is the next generation of electrification systems for medium and heavy-duty vehicles. Odyne's efficiency technology is also being applied to a wide variety of vehicles including those that typically utilize generators, cranes, compressors, digger derricks, buckets,

pumping, export power, and hydraulics, to name a few,” stated Joe Dalum, President and CEO of Odyne.

About Odyne Systems, LLC

Odyne Systems, LLC, is a leading manufacturer of electrification systems for medium and heavy-duty trucks. Their advanced plug-in ePTO, PHEV, and fully-electric export power technology enables trucks over 14,000 pounds to have substantially lower emissions, improved performance, quieter job site operation, lower fuel consumption and reduced operating and maintenance costs. Odyne sells its patented ePTO electrification systems for new and retrofit applications direct to fleets and truck manufacturers, and through OEM chassis dealers, truck equipment manufacturers, and leasing companies.

Learn more about how Odyne electrification technology can support your medium and heavy-duty vehicle electrification needs, visit <https://www.odyne.com>

About Elgin Sweeper, Inc.

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 country, 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.

