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For Immediate Release

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Elgin Sweeper Changes Future of Street Sweeping with New Twist on Single-Engine Technology for Crosswind® Sweeper

*New sweeper configuration delivers increased productivity,
improved operation and reduced maintenance time and costs*

ELGIN, Ill. (Jan. 9, 2018) – [Elgin Sweeper](#), the leading manufacturer of street sweepers, today introduced an innovative single-engine configuration of its popular [Crosswind®](#) regenerative air sweeper used for cleaning large, paved areas such as streets, parking lots and airport runways. A variable-speed device installed between the chassis engine and transmission on the new configuration allows the engine to simultaneously power both the truck and the sweeper.

“Until now, single-engine air sweeper technology required a cumbersome multi-step process to switch between road and work modes,” said Mike Higgins, vice president and general manager of Elgin Sweeper. “With the single-engine Crosswind sweeper configuration, Elgin Sweeper is radically changing sweepers for good. More municipalities and contractors are embracing the single-engine Crosswind for their street sweeping needs.”

The new Crosswind allows the operator to switch between modes with a simple push of a button on the fly, without the need to stop. According to Higgins, the new sweeper is very easy to operate, with minimal training required compared to prior designs.

Extensive research, testing sparks technological advancements

“Although traditional single- and twin-engine sweepers clean effectively and satisfy EPA Tier 4 requirements, we knew we could create a better solution, and our customers agreed,” said Ron Schmidt, vice president of technology development at Elgin Sweeper.

Elgin Sweeper invested significant dollars and several years of research developing the new single-engine Crosswind before offering pre-production models to customers for field tests. “Thousands of hours of real-world use provided valuable customer feedback that helped us further refine the product and the technology before introducing this breakthrough sweeper to the market,” Schmidt said.

Improved operator experience

“The complaints we most often hear from operators of twin-engine sweepers are related to the noise and vibration from the auxiliary engine,” said James Crockett, strategic product manager at Elgin Sweeper.

“Because the average operator sweeps six hours per day, the din of the engine and the tremors of the auxiliary engine and its drivetrain can be both irritating and fatiguing to the operator. The single engine, combined with Elgin Sweeper’s Quiet Pak™ sound-dampening technology, helps minimize vibration and noise on the new Crosswind.”

Ease of maintenance saves time, costs

Because the chassis engine on the new Crosswind operates under a higher load, it minimizes particulate matter buildup that would require active regeneration to burn off. The time-consuming and costly maintenance checks, after-treatments and additional service requirements associated with an auxiliary engine are eliminated on the single-engine Crosswind. Downtime and expenses are drastically reduced with only one set of engine maintenance requirements.

“Performing oil changes, belt inspections and filter replacements on the single-engine Crosswind costs a fraction of the annual maintenance required on twin-engine sweepers,” Crockett said. “Those cost savings will have a more positive impact on a municipal or contractor customer’s bottom line.”

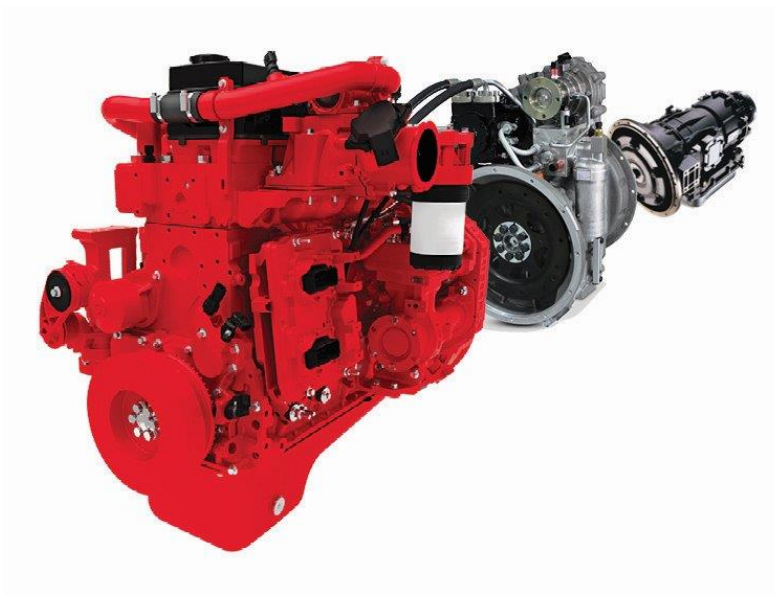
For more information on the single-engine Crosswind sweeper, or to find an Elgin Sweeper dealer, please visit www.elginsweeper.com.

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.

Photos



Elgin Sweeper today introduced an innovative single-engine configuration of its popular Crosswind® regenerative air sweeper. A variable-speed device installed between the chassis engine and transmission on the new configuration allows the engine to simultaneously power both the truck and the sweeper.



The new Crosswind® sweeper uses the chassis engine and transmission to simultaneously power both the truck and the sweeper, without the need for an auxiliary engine. The new technology eliminates the costly and time-consuming maintenance checks, after-treatments and additional service requirements associated with an auxiliary engine.