

# RegenX<sup>®</sup>





## EASY TO USE, EASY TO MAINTAIN, **THE EASY CHOICE FOR YOUR OPERATION**

Rugged construction for years of dependable service. Innovative features to simplify operation and maintenance. Superior performance to get the job done right—the first time, with less effort and expense. These are the qualities Elgin has been building in its equipment since it introduced the world's first self-propelled, motorized street sweeper in 1914.

Today, you will find all of these advantages in the Elgin RegenX regenerative air street sweeper. The product of years of development with input from municipal and contract customers, sweeper operators, service technicians and project supervisors, the RegenX delivers superior performance day in and day out.

As you explore its features, you will understand why we offer the RegenX with an industry leading one-year, unlimited hours warranty.





## A SMARTER DESIGN TAKES PRODUCTIVITY TO NEW HEIGHTS

The RegenX features a roll-off dump height of 56" (142.24 cm) with a 50° dump angle and 8 yd<sup>3</sup> (6.11 m<sup>3</sup>) hopper. This level of performance can help you avoid double-handling and driving back to a facility to dump. You can increase efficiency even more by placing roll-off containers along your route. All of this saves you time, effort, expense, and fuel costs.

### EASY-TO-CLEAN HOPPER

To make cleaning faster and easier the RegenX hopper features:

- Rounded corners for easy cleaning and better load evacuation
- Self-deploying dust separator evacuates dust when hopper is dumped
- Easy access dust separator washout doors
- Simple inlet design with deflector loads debris evenly simplifying washout





## A SIMPLER DESIGN MEANS GREAT SAVINGS FOR YOU

Throughout the design of the RegenX you will find performance advantages that improve productivity, reduce downtime, simplify maintenance, and enhance operator performance—all to help you create a cleaner environment for your community. RegenX performance advantages include:

- Overall simpler design with fewer moving parts
- Bolt-on parts in key areas (like the dust separator and hopper inlet) for easier servicing
- Easy access to all service and maintenance components
- Convenient switches for faster operation
- Water level indicator visible from side mirror while operating
- Dual quick disconnect on suction tube for easy maintenance and access to obstructions
- Extended steel suction tube for improved material flow
- Adjustable rear bumper for efficient offloading into containers
- Adjustable hopper door locks for proper seal



### **SUPERIOR SIDE BROOM FOR ENHANCED CLEANING**

To provide superior cleaning action, the RegenX broom features:

- Innovative in-cab pneumatic float for adjustable side broom pressure
- Elgin's unique trailing arm design provides inward motion to avoid obstacles
- Standard parallelogram linkage allows side brooms to closely follow road contours and maintain a consistent broom tilt angle with the road surface



## DESIGNED TO HELP OPERATORS DO MORE WITH LESS EFFORT

The best technology makes our lives and our work easier. That is why the RegenX has been designed for operators of all levels.

It has easy-to-master controls with no control modules, simple operation, and simplified maintenance. The result is higher productivity with less downtime, and a short learning curve for operators. With the RegenX, operators can focus on their work, not the controls, bringing added safety to every job. Advantages include:

- Simplified controls with preset throttle adjustments that can be made on the fly
- The ability to change from sweep to transport mode with the flip of a switch
- Simple dump controls
- Expedited, easier washout and cleanup
- Fast, easy access to maintenance and service points



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## INNOVATION AT WORK

A closer look at the Elgin RegenX reveals innovative design features, systems, and components that not only simplify operation and improve performance but also make maintenance and servicing faster and easier. The result is the optimal efficiency of your operations, as you reduce maintenance requirements and downtime. The RegenX brings you an array of innovative systems including:



### Pickup Head

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Our exclusive pickup head features a convenient port that allows you to totally clean out the head while the unit stays clean and dry.



### Dust Separator

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The high-efficiency dust separator features a centrifugal design that spins air at a high speed, isolating dust into a self-emptying collection chamber that evacuates as the hopper is dumped.



### Fan Drive

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Our high-performance, low-maintenance fan drive system allows for belt changes in less than five minutes with no tools required.



## OUR COMMITMENT TO QUALITY ONLY BEGINS WITH OUR EQUIPMENT

The Elgin RegenX is manufactured in an ISO 9001 certified, advanced industrial plant with over 208,000 sq. ft. (19,350 sq. m.) of space. We employ the latest technology to build the most reliable equipment, including high-precision laser cutters, efficient, accurate computer numerical controls, and a sophisticated powder coating system.

When you build a quality product you can back it up with a full one-year, unlimited hours warranty. Elgin also backs up your investment with superior local service and support. Our goal is to keep your machine—and your entire operation—up and running.

The RegenX can be customized to your unique requirements to meet local standards and regulations by means of a broad selection of configurations, options and accessories.

Through our international dealer network, we maintain a vast inventory of spare parts and offer fast shipment to any region of the world.

Altogether, the rugged, reliable Elgin RegenX is easy to operate, easy to maintain, and an easy choice when you are looking for quality equipment that is built to last.



### RegenX Truck Mounted Regenerative Air Sweeper Specifications

Auxiliary Engine	Fan Drive System	Electrical System	Dust Control System	Sweep System	Pick-up Head
John Deere 4045T Tier 4 Horsepower: 74 hp (55 kw) @ 2400 RPM Torque: 224 ft.-lb. (304 Nm) @ 1600 RPM 4-cylinder, turbocharged diesel High temperature and oil pressure automatic shutdown	Hardox Steel Fan Sealed-for-life bearings Fluid coupler Spring-loaded belt tensioner Keyed and tapered pan shaft	Heavy-duty, waterproof electrical connectors and color-coded wires with functional identification Wire harnesses include protective braiding	265 gal (1003 L) polyethylene water tank Heavy duty nozzles 2 water pumps with run dry capability High and low selectable pump speed In-cab low water visual and audible alarm	High performance regenerative air Sweeping path: 12 ft. (365.8 cm) Side brooms diameter: 42 in. (106.7 cm)	Length: 90 in. (2,286 mm) Area: Approx. 2,700 in. <sup>2</sup> (17,420 cm <sup>2</sup> ) Hose Pressure: 14 in. (355 mm) Hose Suction: 13 in. (330 mm)

Sold in skids for local mounting on a large selection of chassis brands

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## POWERFUL VERSATILE SIMPLY BETTER

The RegenX regenerative air street sweeper is brought to you by Elgin, the company that introduced the first motorized street sweeper more than a century ago. Today, Elgin is part of Federal Signal, an international company with fifteen manufacturing facilities. Its broad range of quality equipment is sold all around the world.

The RegenX is a product of the vast resources of Elgin and Federal Signal. Innovative in design, rugged in construction, RegenX offers you advanced technology that delivers:

- Easy controls for operators at all levels
- Simplified maintenance to maximize uptime
- Greater efficiency in even the most demanding applications
- An industry leading warranty
- Strong, local service and support



[Elginsweeper.com](http://Elginsweeper.com)

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Specifications subject to change without notice. Some products shown with optional equipment. RegenX<sup>®</sup> is a registered trademarks of Elgin Sweeper.

Products may be covered by one or more United States Patents and/or pending patent applications.

Elgin Sweeper is a subsidiary of Federal Signal Corp. | Federal Signal Corp. is listed in the NYSE by the symbol FSS.

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