

# RegenX6™



**ELGIN**  
Subsidiary of Federal Signal Corporation



## 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 RegenX1 single-engine 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 RegenX1 delivers superior performance day in and day out.

As you explore its features, you will understand why we offer the RegenX1 with an industry leading one-year, unlimited hours warranty.





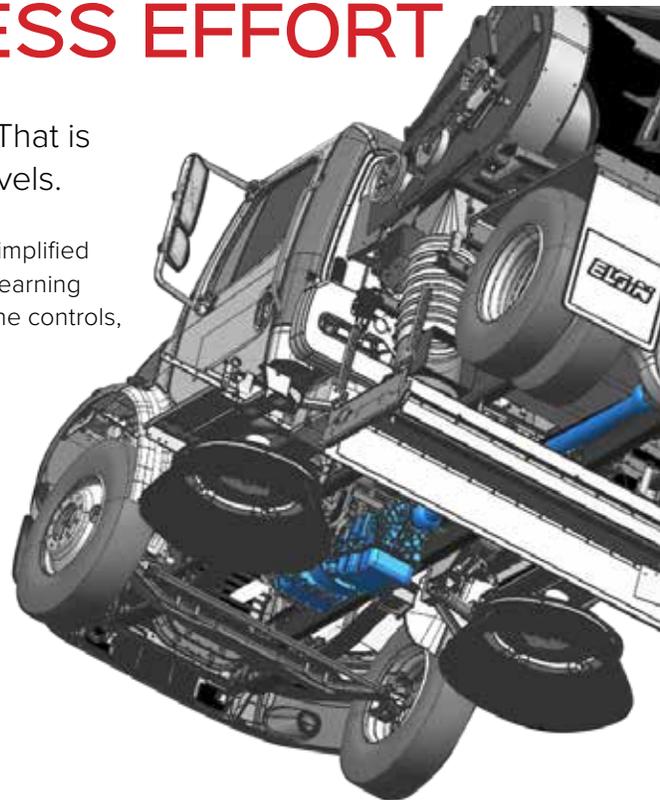
## SINGLE-ENGINE 4 WHEEL REGENERATIVE AIR SWEEPER **DO MORE WITH LESS EFFORT**

The best technology makes our lives and our work easier. That is why the RegenX1 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 RegenX1, operators can focus on their work, not the controls, bringing added safety to every job. Advantages include:

### **SINGLE-ENGINE ELIMINATES:**

- Maintaining two engines
- Complex aftertreatment system and maintenance
- Untimely auxiliary engine regenerations
- Cost exposure resulting from “missed” auxiliary engine regenerations
- Cumbersome belt tensioning systems
- Auxiliary engine noise and vibration





## A SMARTER DESIGN TAKES PRODUCTIVITY TO NEW HEIGHTS

The RegenX1 features a roll-off dump height of 56" (142.24 cm) with a 50° dump angle and 8 yd<sup>3</sup> (6.3 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 RegenX1 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 RegenX1 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. RegenX1 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
- Fixed 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 RegenX1 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



## INNOVATION AT WORK

A closer look at the Elgin RegenX1 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 RegenX1 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 RegenX1 is manufactured in an ISO 9001 certified, advanced industrial plant. We employ the latest technology to build the most reliable equipment, including high-precision laser cutters, efficient, accurate computer numerical controls (CNC), 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 RegenX1 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 RegenX1 is easy to operate, easy to maintain, and an easy choice when you are looking for quality equipment that is built to last.



### RegenX1 Truck Mounted Regenerative Air Sweeper Specifications

Fan Drive System	Electrical System	Dust Control System	Sweep System	Pick-up Head
<p>Drive Direct 2-groove banded power belt with spring-loaded idler belt tensioner</p> <p>Blower Construction Har-dox brand steel</p> <p>Blower Housing 7 gauge (4.6 mm) Steel</p>	<p>Chassis Battery Rating 12 volt</p> <p>Sweeper Battery Rating 1000CCA</p> <p>Chassis Engine Alternator 270 amperes</p> <p>Waterproof electrical connectors and color-coded, stamped wires for quick identification</p>	<p>265 gal (1003 L) polyethylene water tank</p> <p>Heavy duty nozzles</p> <p>2 water pumps with run dry capability</p> <p>High and low selectable pump speed</p> <p>In-cab low water visual and audible alarm</p>	<p>High performance regenerative air</p> <p>Sweeping path with 2 side brooms: 7.5 ft. (2,286 mm)</p> <p>Side brooms: 12 ft. (3,658 mm)</p>	<p>Length: 90 in. (2,286 mm)</p> <p>Area: Approx. 2,700 in.<sup>2</sup> (17,420 cm<sup>2</sup>)</p> <p>Pressure Hose: 14 in. (355 mm)</p> <p>Suction Hose: 13 in. (330 mm)</p>

# RegenXG<sup>TM</sup>

## POWERFUL VERSATILE SIMPLY BETTER

The Elgin innovation team traversed the country, speaking to hundreds of customers at all levels within the street sweeping industry, both municipal and contractor, in pursuit of true voice-of-the-customer insights. Years of real-world prototype testing and feedback refined the sweeper design to provide customers with exactly what they want and need while proving reliability and durability along the way.

### ELIMINATES:

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- Complex aftertreatment system and maintenance
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- Auxiliary engine noise and vibration



# ELGIN<sup>®</sup>

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