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The new RegenX® was built by Elgin, but designed by you.

Why RegenX®

Available on Non-CDL®, 26K GVW Chassis

Roll-Off Dump Height with 50° Dump Angle and 8 yd³ Hopper

Avoid double-handling, driving back to the facility to dump, and environmental ground-dumping restrictions.

Incredibly Easy to Clean

Simple hopper – rounded corners and external self-dumping dust separator

Easy-access washout doors for dust separator and pickup head

Cable-controlled drop-down screens standard

Easy to Service

Easy to access components with locations determined by experienced service technicians

Bolt-on wear parts wherever possible (dust separator, hopper inlet, etc.)

Simple design with no control modules for sweeper functions

Reliable

Better cleanout and easier serviceability

Highly efficient dust separator and large screen surface area reduce carryover and sand blasting

Overall simple design – less moving parts, more uptime

Built By Elgin® Designed By You

ElginSweeper.com/RegenX

Phone (847) 741-5370 • Fax (847) 742-3035

1300 W. Bartlett Road, Elgin, IL 60120 U.S.A.

*May vary based on local rules and regulations. Specifications subject to change without notice. Some items shown may be optional. Elgin® and RegenX® are registered trademarks of Federal Signal Corporation. Federal Signal Corporation is listed on the NYSE by the symbol FSS. Hardox® is a registered trademark of Hardox wear plate.
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Large 8 yd³ hopper capacity
- Superior Side Broom Design
  - Pneumatic flow for adjustable side broom pressure in cab
  - Elgin’s 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 til (angle) with the road surface
- Left-Hand Exhaust
  - Helps to avoid contact with tree limbs
- Easy-Access Switch to Drop Hopper Screws (standard)
- Bolt-on Hopper Inlet for Easy Replacement
- Bolt-on, External Dust Separator
- Slotted Bolt-on Curtain Assembly
  - Loosen 4 bolts to remove entire curtain assembly for service
- Water Level Indicator
  - Visible from side mirror while operating
- Dual Quick Disconnect on Suction Tube
  - Quick disconnect at top and bottom of suction tube for ease of maintenance and access to obstructions
- Extended Steel Suction Tube
  - Minimal corrugation in suction tube for improved material flow
- Adjustable Bumper
  - Customizable to various debris containers
- Adjustable Hopper Door Locks
  - for Proper Seal
- Easy-Access to Service/Maintenance Components
- No control modules

CONTAINER DUMP HEIGHT
- Large 8 yd³ hopper capacity
- 56” inch roll-off container dump height
- Avoid double-handling from dumping on the ground
- Improve operational efficiency by placing roll-off containers along your route
- Comply with environmental restrictions prohibiting dumping on the ground

THE DIFFERENCE IS SIMPLE.

Highly Efficient Dust Separator
- Dust Separator Inlet
  - Dust enters the separator from the hopper
- Centrifugal Separator Design
  - Air spins around tube at high speed, forcing dust to outside walls
- Skimmer Slot
  - Dust is skimmed off into the collection chamber
- Dust Collection Chamber
  - Self-emptying chamber that evacuates when the hopper is dumped
- Fan Inlet
  - Clean air exits the separator and returns to the fan

Fan belt change in less than 5 minutes - NO TOOLS REQUIRED
- Hardox Steel Fan
  - Highly efficient closed-face fan with backward curved vanes
  - Hardox steel vanes for durability (used in military-grade armor)
  - Fan change can be executed in approximately 1 hour
- Sealed-for-Life Bearings
  - No need to grease fan bearings
  - Secondary seal to prevent dirt from getting into the bearing
- Fluid Coupler
  - Acts as torque damper, increases reliability and life of drive system
- Spring-Loaded Belt Tensioner
  - Maintains consistent belt tension over time, easy to adjust
- Keyed and Tapered Fan Shaft
  - Provides ease of service

Fan Drive System

1. Dust Separator Inlet
2. Centrifugal Separator Design
3. Skimmer Slot
4. Dust Collection Chamber
5. Fan Inlet
6. Easy-Access Switch to Drop Hopper Screws (standard)
7. Bolt-on Hopper Inlet for Easy Replacement
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9. Slotted Bolt-on Curtain Assembly
10. Water Level Indicator
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14. Adjustable Hopper Door Locks
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16. No control modules

FAN DRIVE SYSTEM
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CLEAN...WITHOUT GETTING DIRTY.

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Why RegenX

1. **Rounded Corners**
   - For easier cleaning and better load evacuation

2. **Drop-Down Screens**
   - Cable-controlled, activated by switch on side of hopper

3. **Self-Emptying Dust Separator**
   - Evacuates dust when hopper is dumped

4. **Dust Separator Washout Doors**
   - Easy-access for effective washout of dust separator

5. **Simple Inlet Design with Deflector**
   - Deflector loads debris evenly without creating challenges for washout

6. **Pickup Head Clean Out Port**
   - Efficiently clean out pickup head while staying clean and dry

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