



Arrange for a demonstration today!

No CDL License Required

High Pivot Dump



Spacious cab shown with optional dual steering



# IT'S THE AIR FLOW!

The Stewart-Amos Sweeper Co's Galaxy R-4 is a chassis mounted Regenerative Air street sweeper. The R-4 features a blast orifice style sweeping hood generating powerful air flow for optimal sweeping performance.

The bolt-together stainless steel hopper combined with two-piece stainless separation screens means years of high productivity and low maintenance.

Computer aided design of the dust separator provides uninhibited air flow for precise air return and fan protection. The abrasion resistant steel high-pressure backward inclined fan produces the maximum air flow pressure with minimal horse power requirements and low noise levels.

## The benefits of the Galaxy R-4 include:

- 4.65 Cubic Yard Hopper
- High Performance Sweeping
- Clear Air Dust Suppression
- High Pivot Slide-Back Dumping
- Integral Hydraulic Dump & Screen Inspection Doors
- Highly Maneuverable & Mobile
- Huge One-Piece Polyethylene Tool Compartment
- Extremely Fuel Efficient
- Ease of Maintenance
- Simplicity of Design
- Rugged Construction
- Remarkably Quiet
- Proudly made in the U.S.A. 

Stewart-Amos' Galaxy Series - The Powerhouse in Regenerative Air Sweepers

# GALAXY R-4

Harrisburg, PA  
800.482.2302  
stewart-amos.com

  
**STEWART-AMOS**  
Sweeper Co.



# GALAXY R-4 SPECIFICATIONS

## Debris Hopper:

Capacity: 4.65 Cubic Yards  
 Construction: Stainless Steel  
 Exterior Finish: Brushed Stainless  
 Interior Finish (No Coating Required): Stainless Steel  
 Suction Tube Diameter: 12"  
 Suction Tube Material: Replaceable, AR - Steel  
 Engine Shroud (Optional): Stainless Steel  
 Inspection Doors: 1 On Each Side  
 Inspection Door Opening: 13.7 x 26"  
 Dump Type: Hydraulic  
 Dump Cylinders: 2 @ 4 x 16  
 (Counterbalance Safety Valves Standard)  
 Dump Height: 70"  
 (Measured from ground to hopper opening)  
 Pre-Dump Hopper Separation: 3" Slide-back  
 Dump Controls: Electric - In Cab  
 Separator Screen Construction:  
 Removable 2 pc Stainless Steel  
 Separator Screen Maintenance:  
 Hydraulic Assist Access Door

## Auxiliary Engine:

Type / Fuel: 4 Cycle / Diesel  
 Model: 3024CT Caterpillar  
 Servicing Dealer Network: Perkins / CAT  
 Number of Cylinders: 4  
 Displacement: 2.2L  
 Bore: 84 MM  
 Stroke: 100 MM  
 Brake Horsepower: 61HP  
 Oil Filter: Spin On  
 Air Filter: 2 pc / Dry Type w/ safety element  
 Safety Shutdown: Temperature and Oil Pressure

## Impeller:

Diameter: 30"  
 Type: 10 Blade / Backward Inclined / High Pressure  
 Maximum Speed: 3050 RPM  
 Drive: 6 Groove Banded Belt  
 Construction: 2 Abrasion resisting grades  
 of keyed welded steel  
 Mounting: 2 Sealed & greaseable ball bearings  
 Housing Construction: Welded Steel  
 Housing Type: Unobstructed for open flow  
 Liner: Replaceable corded rubber  
 Liner Bolts: Coated for increased abrasion resistance

## Hydraulic System:

Pump Type: Fixed Displacement Gear  
 Drive: Direct from Auxiliary Engine  
 Pump Capacity: 7 GPM  
 System Filter: 6 Micron  
 Reservoir Capacity: 16 Gallons

## Hydraulic Back Up: (optional)

Pump Type: 12 Volt DC  
 Controls: In Cab  
 Purpose: Temp Power All Hydraulic Functions without auxiliary engine

## Curb Broom Right Side Standard:

Controls: Electric In-Cab  
 Diameter: 39"  
 Drive: Direct - Hydraulic Motor  
 Tilt: Electric/In-Cab  
 Suspension: Spring  
 Bristle Type: Vertical Digger  
 Bristle Material: Oil Tempered Wire

## Dust Suppression:

Water Capacity: 130 Gallons  
 Tank Construction: Polyethylene  
 Pump Type: 12 Volt Diaphragm; 2 GPM  
 Controls: In Cab

## Sweeping Hood:

Type: Blast Orifice Left to Right  
 Towing Type: 2 Trailing Arms  
 Suspension: 4 Springs  
 Up Storage: Rubber Stops  
 Hood Chamber Type: Blast Orifice  
 Material: High strength welded Steel  
 Pressure Tube: 12" Diameter AR Steel  
 Suction Tube: 12" Diameter AR Steel  
 Hood Width: 80.5"  
 Flaps: Bolt In Rubber  
 Skids: Double Row  
 Skid Material: Steel With Tungsten Carbide

## Controls:

Type: Electric  
 Location: In Cab  
 Circuit Breakers: Individually Resettable  
 Configuration: Rocker Switch  
 Switches: Sealed and Back Lighted  
 Monitoring Gauges:  
 - Coolant Temperature - Oil Pressure  
 - Voltage - Hour Meter  
 - Tachometer

## Standard Chassis:

Capacity GVWR: 17,950 lbs  
 Make: ISUZU  
 MODEL: NQR

## Drivetrain:

Type/Fuel: 4 Cycle / Diesel  
 Model: Isuzu - 4 HK-TC  
 Cylinders: 4  
 Displacement: 5.19L / 317 CID  
 Horsepower: 205HP @ 2400RPM  
 Starter: 12V / 3KW  
 Alternator: 12V / 110 AMP  
 Battery: 2 @ 12 V - 750 CCA Each  
 Oil Filter: Spin On  
 Air Filter: 2 Piece - Dry type w/ safety element  
 Transmission: Isuzu, Automatic  
 Speeds: 6 Forward , 1 Reverse

## Tires and Wheels:

Configuration: 4 Rear , 2 Front  
 Tire Type: Tubeless / Steel Belted Radials  
 Tire Size: 225/70R 19.5F  
 Wheels: Steel / One Piece

## Brakes:

Type: Front Disc / Rear Drum  
 Power: Vacuum / Hydraulic Boosted  
 w/4-Channel ABS Hydraulic  
 Parking: Mechanical / Trans Mounted  
 Exhaust: Vacuum Operated

## CAB Type: (Cab over Engine)

Engine Access: Manual Tilt  
 Construction: Steel  
 Air Conditioning: Standard  
 Radio: AM/FM/CD stereo  
 Power windows and door locks  
 Steering: Integral Power  
 Color: White

## Weights and Dimensions:

Total Empty Weight: 11,500 lbs  
 Chassis only Curb Weight: 6420 lbs  
 Wheel Base: 109"  
 Turning Diameter (Curb to Curb): 33' 6"  
 Overall Length: 214"  
 Overall Height: 92"  
 Overall Width: 92"  
 Sweeping Width (hood only): 80.5"  
 Sweeping Width (hood and left broom): 101"  
 Sweeping Width (hood and dual brooms): 122"

## Optional Equipment:

- Engine Shroud
- 12 Volt Backup Hydraulic System
- Hopper Drain
- Big Bumper
- Hand Hose 6"
- Spare Tire & Wheel
- Back-Up Alarm
- Spray Bar
- Left Gutter Broom
- LED Bar Light
- Dump Assist Shaker
- LED Hood Lights
- Dual Steer Chassis
- Safety Camera System with 7" Monitor

## Standard 12-Month Warranty:

- 12 Month, 1000 Hour Warranty (whichever Occurs First)
1. Chassis: Limited 36 mo or unlimited mileage
  2. Perkins & Caterpillar Auxiliary Engines: Limited 12 mo or 1000 hrs
  3. R4: Limited 12 mo or 1000 hrs
  4. Hydraulics: Limited 12 mo or 1000 hrs
  5. Electrical Controls & Components: Limited 12 mo or 1000 hrs
  6. LED Lighting: Limited 12 mo or 1000 hrs
  7. Carbide Skid Shoes: Limited 12 mo or 1000 hrs
  8. Fan: Limited 12 mo or 1000 hrs

- Please read actual warranty for details and limitations
- Combination of options may require heavier GVW Chassis

## Sold and Supported Locally by:

