



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 Powder Coated
 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: 5 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
- Hopper Drain
- Big Bumper
- Hand Hose 6"
- Spare Tire & Wheel
- Back-Up Alarm
- Dual Steer Chassis
- Spray Bar
- Left Gutter Broom
- LED Bar Light
- Dump Assist Shaker
- LED Hood Lights
- Battery Disconnect
- 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:

