



**MOUNTED ON NON-CDL CHASSIS**  
*Arrange for a demonstration today!*



**STARFIRE S-4c**



11' Dump Height;  
 Extra Reach 44"  
 Dump Door

Spring balanced, full floating brooms auto compensate for wear. Require no operator judgement.

**From chip seal milling operations to heavy city street cleaning, the Stewart Amos Sweeper Co.'s Starfire S-4c can handle it.**

The S-4c is a heavy duty, 4.0yd<sup>3</sup> dual engine mechanical broom street sweeper mounted on a highly maneuverable cab over chassis. No CDL is required! It's as productive as sweepers mounted on larger trucks.

Manufactured with reliability and simplicity in mind, the S-4c is built for day-in and day-out continuous duty sweeping. The short wheel base chassis creates an extremely tight turning radius making it perfect for cleaning confined city streets, cul-de-sacs, construction sites, milling jobs, and open highways.

**The benefits of the Starfire S-4c include:**

- Exclusive Three-Shaft Elevator Design
- Variable Height Dumping up to 11'
- Left or Right Side Hopper Dump—You Choose (select at time of purchase)
- Tight 16'9" Turning Radius
- Larger 36-Gallon Fuel Tank
- Rugged Construction
- Extremely Fuel Efficient
- Effectively Simple Electrical & Hydraulic Systems
- Ease of Maintenance
- Simplicity of Design
- Remarkably Quiet
- Safety Monitoring Camera System
- PM-10 Certified – Rule 1186
- Proudly American



**No CDL License Required**



**EFFECTIVELY SIMPLE**

Harrisburg, PA, USA | 800.482.2302 | [stewart-amos.com](http://stewart-amos.com)



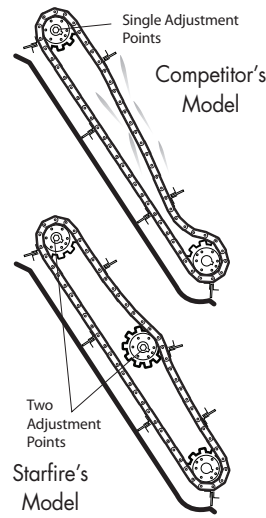
# Exclusive 3-Shaft Elevator

## BENEFITS:

**LONGER LASTING.** 3rd shaft ensures just the right amount of upper chain support and tension. Extends chains wear life and eliminates chain slapping.

**REDUCED MAINTENANCE COSTS.** 3rd shaft doubles amount of available chain adjustments. This and optimum upper chain support reduces chain wear and need to remove chain links by more than 50%.

**BETTER LOADING PERFORMANCE.** Maintains unrestricted debris movement. 3rd shaft maintains optimum chain spacing ensuring effective sweeping of large/bulky debris to minimize clogging.



Massive quad (4) "X" style lift scissors with four corner lift provide exceptional hopper stability especially when dumping wet, unbalanced or sticky debris.

# S-4c SPECIFICATIONS

### General:

Sweeping Path: 10' maximum  
Debris Hopper: 4.0 cubic yards volumetric  
Dump Height (variable): 16" to 132"  
Turning Radius\*: 16' 9"  
Overall Length\*: 19' 5"  
Overall Height\*: 102.5" including Strobe Lights  
GVWR\*: 19,500#

### Main Broom:

Length: 58" Diameter: 36"  
Type: Chevron  
Drive: Hydraulic motor/direct drive & reversible  
Mounting: Full floating, trailing arm, with shocks  
Lift Control: Hydraulic, in-cab  
Speed: Variable with auxiliary engine rpm  
Dirt Shoes: Carbide, 2" wide

### Dual Gutter Brooms:

Diameter: 42"  
Type: Spring balanced, auto wear compensating  
Drive: Hydraulic & reversible  
Mounting: Free-floating, trailing arm  
Lift Control: Hydraulic, in-cab  
Tilt control; in-cab (electric)  
Speed: Variable with auxiliary engine rpm  
Dual Float Protected

### Elevator System:

Type: 7-flight squeegee with replaceable rubber edging  
Liner: Bolt-in, 2 piece AR steel plates  
Chain: HD constant radius roller chain  
Sprockets: Urethane  
Shafts: Three (see side bar above)  
Drive: Hydraulic, in-cab, & reversible  
Lift Control: Hydraulic, in-cab  
Elevator Jam Warning: Buzzer & light in-cab  
Flushing System: Built-in

### Debris Hopper:

Volumetric Capacity: 4.0 cubic yards  
Dump Height (variable): 16" to 132"  
Hopper Door Reach from Side: 44"  
Inspection door, window, & safety props standard  
4 Corner hopper lift  
Quad (4) "X" style lift scissors  
Street or curb side dump—(select at time of purchase)

### Hydraulic System:

Pump: Dual tandem gear  
Capacity: 22 gpm @ 2000 rpm  
Reservoir: 40 gallons  
Hydraulic Oil Filter: 10 micron  
Oil Cooler: Electric remote mounted  
Integral hydraulic pressure gauges

### Water Spray System:

Tank Capacity: 200 gallons  
Construction: Polyethylene  
Pump: 3.6 GPM electric diaphragm  
Spray Nozzles:

- 4 on front spray bar
- 2 on each gutter broom
- 4 on main broom

Fill Hose: 20' with NST coupler with anti-siphon air gap  
Water Pump Prefilter: 80 mesh

### Electrical System:

Alternator: 120 AMP Voltage: 12 volt  
LED Lights: front & rear strobes; gutter brooms & rear mounted working lights; license plate; 2 stop/turn/tail; & clearance lights  
Backup alarm

### Camera & Monitor Safety System:

7" Color monitor with right side gutter broom & rear mounted color cameras

### Instrumentation & Controls:

Sweeper function rocker switches  
Elevator stall alarm & light  
Auxiliary engine hour meter & tachometer  
Electric throttle  
Console night light

### Sweeper Engine:

Make: Kubota V2403-M-TE3 T4 Interim  
Horsepower: 59 @ 2700 rpm  
Type: in-line, four-cylinder turbo diesel

### Paint:

Body: Standard white- high-gloss urethane enamel  
Undercarriage: Flat black enamel

### Standard Accessories:

Auto pickup in reverse  
Auto shutdown for high temperature/low pressure  
Independent left & right gutter broom operation  
36 gallon, common fuel tank  
Operators, parts & maintenance manuals

### Limited Warranty Policy:

The Starfire S-4c sweeper is guaranteed to be free from defects due to faulty materials and/or workmanship for a period of 12 months, or 1,000 hours (whichever occurs first). Liability is limited to replacement of defect parts at factory or authorized dealer. The standard warranty of the chassis manufacturer and auxiliary engine applies.

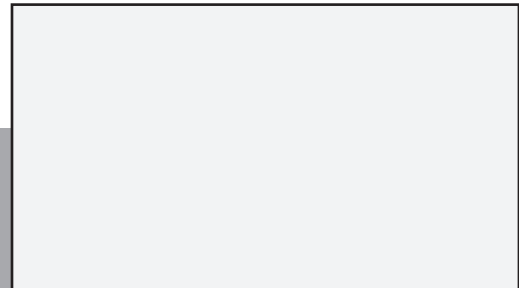
### Available Options: (not included in base price)

Arrow Board  
Strobe/Beacon protector  
Front mounted magnet  
Brush style dirt shoes  
Dual 3.6 GPM Water pumps for 7.2 GPM  
Epoxy Hopper liner  
Stainless steel hopper  
Extended warranties  
Body paint colors  
Auto Lube System  
Camera-dump observation  
Main broom light/bulky litter debris channeler  
Hopper camera-inside view  
Hopper Vibrator  
On-Board Hi-Pressure Wash down System (w/ 50' hose & wand)  
Others upon request  
\*\*Consult your dealer for details

Please read actual warranty for details and limitations

**The Starfire S-4c has built a reputation for rugged, reliability and superior sweeping performance. Let us build one for you. Call your dealer today to arrange for a demonstration.**

## Sold & Supported Locally by:



**HGACBuy**  
THE SMART PURCHASING SOLUTION

**GSA** Schedule  
Contract GS-30F-021AA

**STEWART-AMOS**  
Sweeper Co.

Harrisburg, PA, USA  
800.482.2302  
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**Please Note:**  
Specifications are subject to change without notice

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