



Arrange for a demonstration today!




10ft. 2in. Dump Height

From chip seal and milling operations to heavy spring clean-up, the Stewart-Amos Sweeper Co.'s Starfire S-4 can handle it.

The S-4 is a four wheel, dual engine, mechanical broom street sweeper that has a compact design, but is as productive as sweepers mounted on larger trucks.

Manufactured with reliability and simplicity in mind, the S-4 is built for day-in and day-out continuous duty sweeping. The short wheelbase chassis combines tight maneuverability like a 3-wheel sweeper, yet is still capable of traveling at highway speeds between job-sites.

The benefits of the Starfire S-4 include:

- 4.0 Cubic Yard Hopper
- High Performance Sweeping
- Large Volume Dust Suppression
- Variable Height Dumping
- Great Maneuverability and Mobility
- Rugged Construction
- Extremely Fuel Efficient
- Front & Rear Canopy Enclosures Maximize Component Protection
- Three Shaft Elevator Design
- Ease of Maintenance
- Simplicity of Design
- Remarkably Quiet
- Safety Monitoring Camera System
- PM-10 Certified - Rule 1186
- Quad (4) "X" Style Hopper Scissor Lift
- 4 Corner Hopper Lift
- Spring Balanced Brooms Auto Compensate for Wear
- Proudly made in the U.S.A. 

The Starfire S-4 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.

Spacious cab over chassis & right gutter broom camera system eliminates need for expensive dual steering.

No CDL License Required



EFFECTIVELY SIMPLE

Harrisburg, PA, USA | 800.482.2302 | stewart-amos.com

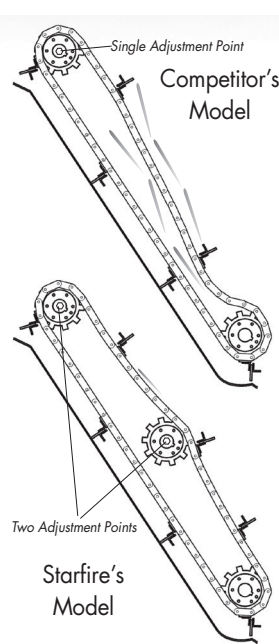
Exclusive 3-Shaft Elevator

BENEFITS:

LONGER LASTING. 3rd shaft ensures just the right amount 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-4 SPECIFICATIONS

General:

Sweeping Path: 10' maximum
Debris Hopper: 4.0 cubic yards volumetric
Dump Height (variable): 16" to 122"
Turning Radius*: 18' 6"
Overall Length*: 22'
Overall Height*: 102.5" including Strobe Lights
GVWR*: 19,500#

Main Broom:

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

Dual Gutter Brooms:

Diameter: 42"
Type: Spring balanced, auto wear compensating
Drive: Hydraulic and reversible
Mounting: Free-floating, trailing arm
Lift Control: Hydraulic, in-cab
Tilt control; in-cab (electric)
Speed: Variable with aux. 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, and reversible
Lift Control: Hydraulic, in-cab
Elevator Jam Warning: Buzzer and light in-cab
Flushing System: Built-in

Debris Hopper:

Volumetric Capacity: 4.0 cubic yards
Dump Height (variable): 16" to 122"
Hopper Door Reach from Side: 44"
Inspection door, window, and safety props
4 Corner hopper lift
Quad (4) "X" style lift scissors

Hydraulic System:

Pump: Dual tandem gear
Capacity: 22 gpm @ 2000 rpm
Reservoir: 45 gallons
Hydraulic Oil Filter: 10 micron
Oil Cooler: Electric remote mounted
Integral hydraulic pressure gauges

Water Spray System:

Tank Capacity: 200 gallons
Construction: Polyethylene
Mounting: Removable
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 and rear strobes; gutter brooms and rear mounted working lights; license plate; 2 stop/turn/tail; and clearance lights
Backup alarm

Camera and Monitor Safety System:

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

Instrumentation and Controls:

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

Sweeper Engine:

Make: Kubota V2403-M-TE3
Tier 3 Compliant/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 and right gutter broom operation
30 gallon, common fuel tank
Operators, parts and maintenance manuals

Limited Warranty Policy:

The Starfire S-4 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
100 gallon auxiliary water tank
Dual 3.6 GPM Water pumps for 7.2 GPM
Epoxy Hopper liner
Stainless steel hopper
Extended warranties
Body paint colors
Auto Lube System
Hopper Vibrator
On-Board Hi-Pressure Wash down System (w/ 50' hose and wand)
Others upon request
Wide variety of available chassis**
**Consult your dealer for details

• Please read actual warranty for details and limitations

Sold and Supported Locally by: