



Arrange for a demonstration today!



For High Productivity and Economical Performance from a single engine sweeper, Stewart-Amos Sweeper Co.'s Starfire S-5 is the full-size powerhouse for your most rigorous sweeping applications.

The S-5 is a full-size single engine mechanical broom street sweeper mounted on a conventional cab commercial chassis and manufactured for grueling day-in and day-out continuous heavy duty sweeping.

Built with reliability and simplicity of a single engine sweeper, the S-5 features a huge 6.0 cubic yard debris hopper and an in-cab controlled variable sweeping path for up to a 12 foot wide pass. Couple that with a 350 gallon water system and a 12' 2" hopper dump height and you get the complete package in street sweeping.

The benefits of the Starfire S-5 include:

- 6.0 Cubic Yard Hopper
- High Performance Sweeping
- Large Volume Dust Suppression
- Variable Height Dumping
- Highly Maneuverable
- Great Mobility
- Rugged Construction
- Extremely Fuel Efficient
- Ease of Maintenance
- Simplicity of Design
- Remarkably Quiet
- Safety Monitoring Camera System
- PM-10 Certified - Rule 1186
- Proudly made in the U.S.A.



12ft. 2in. Dump Height
Camera System



Spacious cab with easy to use controls system

Stewart-Amos Sweeper Co.'s Starfire Sweeper Series – The Powerhouse in Broom Sweepers



Harrisburg, PA | 800.482.2302 | stewart-amos.com



S-5 SPECIFICATIONS

General:

Sweeping Path: 12 ft. maximum*
 Debris Hopper: 6.0 cubic yards volumetric
 Dump Height (variable): 15" to 146"
 Turning Radius*: 21'5"
 Overall Length*: 23'4"
 Overall Height*: 9'6" with std. strobes
 GVWR*: 33,000#

*Based upon sweeper unit mounted on Freightliner M2 conventional chassis

Main Broom:

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

Gutter Brooms:

Diameter: 42"
 Type: Disposable segment- wire fill
 Drive: Hydraulic and reversible
 Mounting: Free-floating, trailing arm
 Lift Control: Hydraulic, in-cab
 Speed: Variable
 Gutter Broom Tilt: in-cab (electric)

Elevator Conveyor:

Type: 12-flight squeegee with replaceable rubber edging
 Liner: Bolt-in, 2 piece AR steel plates
 Chain: HD constant radius roller chain
 Sprockets: Urethane
 Shafts: Three
 Drive: Hydraulic, in-cab, and reversible
 Lift Control: Hydraulic, in-cab
 Elevator Jam Warning: Buzzer, in-cab
 Flushing System: Built-in

Debris Hopper:

Volumetric Capacity: 6.0 cubic yards
 Dump Height (variable): 15" to 146"
 Hopper Door Reach from Side: 53"
 Inspection door, window, and safety prop

Hydraulic System:

Pump: Variable Displacement
 Capacity: 24 GPM
 Reservoir: 45 gallons
 Filter: 10 micron
 Oil Cooler: Electric type

Water Spray System:

Tank Capacity: 350 gallons
 Construction: Non-Ferrous
 Mounting: Removable
 Pump: Electric diaphragm 3.6 GPM 45 PSI max.
 Spray Nozzles:

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

 Fill Hose: 2½" x 20' with NST coupler and inline strainer
 4" Anti-siphon air gap
 Filter: 80 mesh
 Elevator flush out system
 Air purge system

Electrical System:

Alternator: 140 AMP Voltage: 12 volt
 Lights: rear strobe lights; 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 reverse color cameras

Instrumentation and Controls:

Sweeper function rocker switches
 Fuel gauge
 Elevator stall alarm

Sweeper Power:

PTO from Chassis

Paint:

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

Standard Accessories:

Auto pickup in reverse
 Independent left and right gutter brooms
 "ONE-TOUCH" Sweeping
 Operators, parts and maintenance manuals
 IN-CAB Adjustable gutter broom sweeping swath- 8ft. to 10ft. (Optional to 12')

Warranty Policy**

The Starfire S-5 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 applies.

Available Options: (not included in base price)

*54" gutter brooms for a 12 foot swath
 Dual 3.6 GPM Water pumps for 7.2 GPM
 Arrow Board
 LED Light package in lieu of standard
 PM-10 Certification
 Strobe/Beacon Protector
 Front Mounted Magnet
 Epoxy Hopper Liner
 Stainless Steel Hopper
 Extended Warranties
 Body Paint Colors
 Others upon request
 Wide variety of available chassis**
 **Consult your dealer for details

The Starfire S-5 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 and Supported Locally by:

