



Arrange for a demonstration today!

12ft. 2in. Dump Height



STARFIRE S-6t

For High Production and High Performance sweeping applications, Stewart-Amos Sweeper Co.'s Starfire S-6t is the full size sweeper for your most severe sweeping applications.

The S-6t is a full-size dual engine mechanical broom street sweeper mounted on a commercial chassis and manufactured for grueling day-in and day-out continuous heavy duty sweeping.

Built with reliability and simplicity in mind, the S-6t 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-6t include:

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

The Starfire S-6t 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.

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



EFFECTIVELY SIMPLE

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

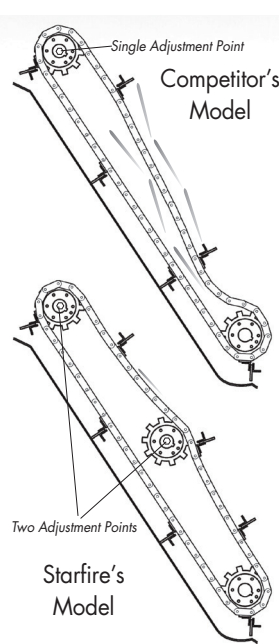
Exclusive 3-Shaft Elevator

BENEFITS:

LONGER LASTING. 3rd shaft ensures just the right amount 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-6t SPECIFICATIONS

General:

Debris Hopper: 6.0 cubic yards volumetric
Sweeping Path: 12 ft. maximum
Dump Height (variable): 15" to 146"
Turning Radius*: 22' 5"
Overall Length*: 25' 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 aux. engine rpm
Dirt Shoes: Carbide, 2" wide or brush style

Gutter Brooms:

Diameter: 42" or 54"
Type: Spring balanced auto wear compensating
Drive: Hydraulic and reversible
Mounting: Free-floating, trailing arm
Lift Control: Hydraulic, in-cab
Speed: Variable with aux. engine rpm
Tilt Control: in-cab (electric)

Elevator System:

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 (see side bar above)
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: Top Loading 6.0 cubic yards
Dump Height (variable): 15" to 146"
Hopper Door Reach from Side: 54"
Inspection door, window, and safety prop
4 Corner hopper lift
Quad (4) "X" style scissor lifts

Paint:

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

Hydraulic System:

Pump: Dual tandem gear
Capacity: 22 gpm @ 2000 rpm
Reservoir: 45 gallons
Filter: 10 micron
Oil Cooler: Radiator type with electric remote mount
Integral hydraulic pressure gauges

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: 2 1/2" x 20' with NST coupler and inline strainer
5" Anti-siphon air gap
Filter: 80 mesh
Elevator flush out system
Air purge system

Electrical System:

Alternator: 160 AMP Voltage: 12 volt
LED Lights: front and 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 rear mounted color cameras

Instrumentation and Controls:

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

Sweeper Engine:

Make: Kubota V2403-M-TE3
Tier 3 Compliant/T4 Interim
Horsepower: 59 continuous @ 2700 rpm
Type: in-line, four-cylinder turbo diesel

Auto shutdown for high temperature/low pressure

Standard Accessories:

Auto pickup in reverse
Independent left and right gutter brooms
"ONE-TOUCH" Sweeping
50 gallon*, common fuel tank
Operators, parts and maintenance manuals
Dry type single stage air cleaner with restriction indicator
IN-CAB Adjustable gutter broom sweeping swath- 8ft. to 10ft. (Option to 12ft.)

Limited Warranty Policy**

The Starfire S-6t 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)

54" gutter brooms for a 12 foot swath
Dual 3.6 GPM Water pumps for 7.2 GPM
High output aux. engine 74.3 hp @ 2600 rpm ILOS
Load sensing hydraulic system with variable displacement pump ILOS
Hopper Vibrator
Auto Lube System
Pressure Wash Down System with 50' hose and wand
Arrow Board
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

• Please read actual warranty for details and limitations

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