

Starfire S-4 Specifications

General:

Sweeping Path: 110" maximum
 Debris Hopper: 4 .5 cu. yd.
 volumetric
 Dump Height (variable): 16" to
 122"
 Turning Radius*: 17'
 Overall Length*: 19'6"
 Overall Height*: 98" with standard
 Beacons
 GVWR*: 19,500#
 *Based upon sweeper unit and
 GMC W-5500 series cab-over
 chassis

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

Gutter Brooms:

Diameter: 42"
 Type: Disposable 4 segment with
 wire fill
 Drive: Hydraulic and reversible
 Mounting: Free-floating, trailing arm
 Lift Control: Hydraulic, in-cab
 Speed: Variable with aux. engine
 rpm

Conveyor/Elevator:

Type: 7-flight squeegee with
 replaceable
 rubber edging
 Liner: Bolt-in, 2 piece AR steel

Water Spray System:

Tank Capacity: 200 gallons
 Construction: Polyethylene
 Mounting: Removable
 Pump: 7 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
 Filter: 80 mesh
 Conveyor flush out system

Electrical System:

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

Camera and Monitor Safety

System:

5" Color monitor with right side
 gutter
 broom and reverse color cameras

Instrumentation and Controls:

Sweeper function rocker switches
 Fuel gauge
 Elevator stall alarm
 Auxiliary engine hour meter and
 tachometer

Sweeper Engine:

Make: Kubota V2003MT
 Horsepower: 55 @ 2800 rpm

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 light in lieu of standard
 Strobe/Beacon protector
 Gutter broom tilt; in-cab (electric)
 Front mounted magnet
 Epoxy Hopper liner
 Stainless steel hopper
 Hopper skylight
 Extended warranties
 Body paint colors
 Others upon request

Wide variety of available

chassis**

**Consult your dealer for details



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: 4.5 yd.

Dump Height (variable): 16" to 122"

Hopper Door Reach from Side: 44"

Hopper and clearance inspection door,

window, and safety prop

Hydraulic System:

Pump: Dual tandem gear

Capacity: 20 GPM @ 1200 rpm

Reservoir: 45 gallons

Breather: 10 micron

Type: in-line, four-cylinder turbo diesel

Displacement: 122 cubic inches

Compression Ratio: 22:1

Standard Accessories:

Auto pickup in reverse

Auto shutdown for high temperature/low

pressure

Independent left and right gutter broom

operation

33 gallon, common fuel tank

Operators, parts and maintenance manuals

Dry type single stage air cleaner with

restriction indicator

Paint:

Body: Standard white- high-gloss urethane enamel

Undercarriage: Flat black enamel

Please Note: Specifications are subject to change without notice