

General Specs

Sweep Path:

Main broom only: 60"
 Main broom & one side broom: 90"
 Main broom and 2 side Brooms: 120"

Chassis Commercial Class 7

Wheel Base Chassis dependent

Warranty Sweeper, 1 year parts & labor

Sweeper Engine

Make Cummins Qsf 2.8 L

Type 4 cylinder

Displacement 2.8 L

Horsepower 74 @ 2500 RPM

Torque 221 lb. ft. (299 Nm)

Aspiration Turbo charged

Main Broom

Type Prefab disposable Polypropylene filled

Diameter 34" (864 mm)

Broom Material Polypropylene

Length 60" (1,473 mm)

Core Type Disposable steel tube

Speed Variable with engine RPM

Drive Hydraulic motor with direct drive

Digging Pressure & Wear Control

Closed loop control hydraulic spring

Lift control Hydraulic

Mounting Full-floating trailing arm

Down Pressure Indicator In-cab dial

Side Broom

Type Disposable 5 or 6 segment, plastic

Diameter 46" (1,168 mm)

Broom material 26" wire (660 mm)

Disc Construction Steel

Speed Reversible and variable with engine RPM

Drive Full hydraulic

Digging Pressure & Wear Control

Pneumatic spring

Lift control Pneumatic

Flexibility Free-floating and full side-ways oscillation

Mounting Trailing Arm

Down Pressure Indicator In-cab gauge

Conveyor

Type Belt with molded-in rubber cleats

Material (belt) Rubber reinforced fabric

Speed Variable with auxiliary engine RPM

Cleat Clearance Settable 1" to 4", in cab raisable up to 6" while sweeping

Adjustment Jack screw

Lift Control Hydraulic

Cascade Washdown With fill diverter

Instrumentation/Controls

Warning Lamps & Chime

Low hydraulic oil

Conveyor stall

Warning Lamps

Hydraulic oil temperature

Hydraulic oil filter restriction

Low water spray

Broom position

Hopper position

Water tank level

Electrical System (Sweeper)

Twelve Volt Negative Ground System

60 amp alternator

Battery 12v 1000 CCA

Circuit Protection Activated by ignition switched constant duty solenoid (except lights).

Wiring Hot stamp identified with weatherproof connectors

Hydraulic System (Sweeper)

Sweep System Pump Triple section gear pump

Capacity 13.5 GPM @ 1200 RPM

Fittings O-ring face seal

Reservoir Capacity 35 gal (132 l)

Inlet strainer 100 mesh

Return filter 6 micron

Filter Restriction Indicator

Breather 10 micron

Cooler Externally mounted

Valves Electro-hydraulic

Hopper

Volumetric Capacity 4.5 yd³ (3.4 m³)

Material volume 3.3 yd³ (2.5 m³)

Hopper Lift and Dump Controls

Electro/Hydraulic in-cab

Inspection Door

Offload

Right Side

Minimum dump height 38" (965 mm)

Maximum dump height 10' (3,048 mm)

Maximum hopper dump angle 50°

Design Lift capacity 10,000 lbs (4545kgs)

Lifting mechanism Two stage with hydraulic cylinders

Water Spray System

Tank construction Polyethylene

Tank capacity 360 gals (1362 l)

Fill Hose 16' 8" (5080 mm) with 2.5" (64 mm) NST hydrant coupling

Pump Electric diaphragm

Spray nozzles 3 across main broom and over each gutter broom

Water Filter 80 mesh plastic housing

Controls In cab pump control and flow control valves at each side broom



Available Enhancements

- LED strobe
- Arrow stick
- Automatic lubrication system
- Fire extinguisher
- Broom camera system (rear standard)
- Front spray bar
- Hydrant wrench
- Lighting bundles
- Squeegee with rubber edging
- Extended side broom reach
- In-cab controlled variable speed side brooms

Paint

Body: High-gloss white powdercoat

Custom colors available

Undercarriage:

Grey powdercoat

Chassis

Autocar Xpert, Freightliner M2, or International 4300.

Contact your Elgin Dealer for detailed chassis specifications.

Warranty

Sweeper

1 year parts and labor

Engine

Consult Factory

Your Elgin Dealer is:



Elgin Sweeper Company
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Effective 03/14
 Specifications subject to change without notice.
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