

GENERAL SPECS

Sweep Path

Main broom only: 60 in (1524 mm)
Main broom & one side broom:
90 in (2286 mm)
Main broom and 2 side Brooms:
120 in (3048 mm)

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 in (864 mm)

Broom Material Polypropylene

Length 60 in (1,524 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 in (1,168 mm)

Broom Material 26 in 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

AVAILABLE ENHANCEMENTS

- LED strobe
- Arrow stick
- Automatic lubrication system
- Broom camera system (rear standard)
- Front spray bar
- Lighting packages
- Squeegee with rubber edging
- Extended side broom reach
- In-cab controlled variable speed side brooms
- Strip broom
- Lifeline™ Hopper System

CONVEYOR

Type Chevron Belt with molded-in rubber cleats

Material (belt) Rubber reinforced fabric

Speed Variable with auxiliary engine RPM

Cleat Clearance Adjustable up to 4 in, in cab raisable up to 6 in 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 (132.5 L)

Inlet Strainer 100 mesh

Return Filter 6 micron

Filter Restriction Indicator

Breather 10 micron

Cooler Externally mounted

Valves Electro-hydraulic

PAINT

Body: High-gloss white powdercoat

Custom colors available

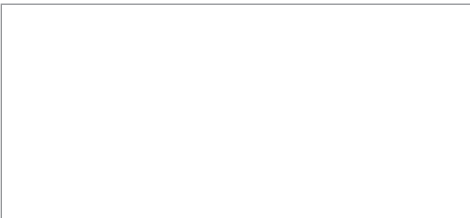
Undercarriage:

Grey powdercoat

CHASSIS

Available on commercial cab-over and conventional. Contact your Elgin Dealer for detailed chassis specifications.

Your Elgin Dealer is:



HOPPER

Volumetric Capacity 4.5 cu yd (4.1 m³)

Material Volume 3.3 cu yd (3 m³)

Hopper Lift and Dump Controls

Electro/Hydraulic in-cab

Inspection Door Offload

Right Side

Minimum dump height 38 in (965 mm)

Maximum dump height 10 ft

(3,048 mm)

Maximum Hopper Dump Angle 50°

Design Lift Capacity 10,000 lb (4,536 kg)

Lifting Mechanism Two stage with hydraulic cylinders

WATER SPRAY SYSTEM

Tank Construction Polyethylene

Tank Capacity 360 gals (1362 L)

Fill Hose 16 ft 8 in (5,080 mm)

with 2.5 in (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

WARRANTY

SWEEPER

1 year parts and labor

ENGINE

Consult Factory



Elgin Sweeper Company
1300 W. Bartlett Rd.
Elgin, Illinois, U.S.A. 60120-7529
847-741-5370 Phone
847-742-3035 Fax
www.elginsweeper.com

Effective 04/26

Specifications subject to change without notice.
P/N 0705395-E

© 2026 Elgin Sweeper Company

Federal Signal Corporation is listed on the NYSE by the symbol FSS