

## 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 (1524 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 (1168 mm)

**Broom material** 26 in wire (660 mm)

**Disc Construction** Steel

**Speed** Variable with engine RPM,  
adjustable on side of machine

**Drive** Full hydraulic

**Digging Pressure & Wear Control**

Closed loop control hydraulic spring

**Lift control** Hydraulic

**Flexibility** Free-floating and full  
sideways oscillation

**Mounting** Trailing Arm

**Down Pressure Indicator** In cab dial

## AVAILABLE ENHANCEMENTS

- Outside cab, side broom down pressure control
- Outside cab, main broom down pressure control
- LED strobe
- Arrow stick
- Automatic lubrication system
- Fire extinguisher
- Broom camera system (rear standard)
- Front spray bar
- Hydrant wrench
- Lighting bundles
- In cab side broom speed
- Cleated belt conveyor

## CONVEYOR

**Type** Squeegee with rubber edging

**Material** (elevator bottom) Bolt-in  
multi section abrasion resistant steel  
plates

**Speed Variable** with engine, forward  
and reverse

**Flexibility** Lift independent (for large  
object passage)

**Drive** Reversible hydraulically-driven  
steel chain on polyurethane sprockets

**Clearance** Liftable to 12 in (305 mm) for  
bulk object passage

**Adjustment** Hydraulic chain adjuster

**Lift Control** Hydraulic

**Cascade Washdown** With fill diverter

## INSTRUMENTATION/ CONTROLS

### Warning Lamps & Buzzer

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

## 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.

## HYDRAULIC SYSTEM (SWEEPER)

**Sweep System Pump** Quad gear pump

**Capacity** 24 GPM @ 1,200 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**

5.45 cu yd (4.16 m<sup>3</sup>)

**Material Volume**

3.8 cu yd (2.9 m<sup>3</sup>)

**Dumping** Right side

**Hopper Lift and Dump Controls**

Hydraulic in-cab

**Inspection Door Offload**

Right Side

Minimum dump height

38in (508 mm)

Maximum dump height

11 ft 2 in (3404 mm)

**Maximum Hopper Dump Angle** 50°

**Design Lift capacity** 10,000 lbs (4536 kg)

**Lifting Mechanism** Two stage scissors  
with hydraulic cylinders

## WATER SPRAY SYSTEM

**Tank Construction** Polyethylene

**Tank Capacity** 360 gals (1362 L)

**Fill Hose** 15 ft 0 in (4572 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

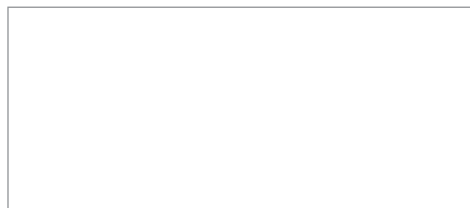
Consult Factory



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Your Elgin Dealer is:



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