

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

Engine (Freightliner M2)

- Make** M2 Cummins ISC with DEF
Type 6 cylinder
Displacement 8.3 L
Horsepower 260 @ 2200 RPM
Torque 660 lb. ft. (898 Nm)
Aspiration Turbo charged

Main Broom

- Type** Prefab disposable
Polypropylene filled
Diameter 34" (864 mm)
Broom Material Polypropylene
Length 60" (1524 mm)
Core Type Disposable steel tube
Speed Constant
Drive Hydraulic motor with direct drive
Digging Pressure & Wear Control
Closed loop hydraulic spring
Lift Control Hydraulic
Mounting Full-floating trailing arm
Down Pressure Indicator In cab dial

Side Broom

- Type** 5 or 6 segment plastic disposable
Diameter 46" (1188 mm)
Broom material 26" wire (660 mm)
Disc Construction Steel
Speed Adjustable on side of machine
Drive Full hydraulic
Digging Pressure & Wear Control
Pneumatic, from cab
Lift Control Pneumatic
Flexibility Free-floating and full side-ways oscillation
Mounting Trailing Arm

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 control

Conveyor

- Type** Squeegee with replaceable rubber edging
Material (elevator bottom) Bolt-in multi section abrasion resistant steel plates
Speed Constant, forward and reverse
Flexibility Lift independent (for large object passage)
Drive (forward and reverse) Hydraulic motor
Adjustment Hydraulic chain adjuster
Lift Control Hydraulic (independent of rear broom)
Ground Clearance Liftable to 12" (305 mm) for bulk object passage
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 (Chassis)

- Twelve Volt Negative Ground System**
160 amp alternator
Battery 2- Group 31, 1850 CCA
Circuit Protection Activated by ignition switched constant duty solenoid (except lights).
Wiring Hot stamp identified with weatherproof connectors

Hydraulic System

- Sweep System Pump** Variable displacement
Capacity 22 gpm
Fittings O-ring face seal
Reservoir Capacity 23 gal
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

- Freightliner M2, or International 4400.
Contact your Elgin Dealer for detailed chassis specifications.

Your local Elgin Dealer is:



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' (3048 mm)
Maximum hopper dump angle 50°
Design lift capacity 12,000 lbs. (5443 kgs)
Lifting mechanism Two stage scissors with hydraulic cylinders

Water Spray System

- Tank Construction** Polyethylene
Tank Capacity 360 gallons (1362 L)
Fill Hose 15' 0" (4572 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

Warranty

- Sweeper**
1 year parts and labor
Engine
Consult Factory



1300 W. Bartlett Road
Elgin, Illinois, U.S.A. 60120-7529
(847) 741-5370 Phone
(847) 741-3035 Fax
www.elginsweeper.com