**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 L9
Type: 6 cylinder
Displacement: 8.9 L
Horsepower: 260 @ 2200 RPM
Torque: 720 lb. ft. (976 Nm)
Aspiration: Turbo charged

**Main Broom**
Type: Prefab disposable
Polypropylene filled
Diameter: 46” (1188 mm)
Length: 60” (1,524 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: 26” (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 sideways oscillation
Mounting: Trailing Arm

**Conveyor**
Type: Squeegee with replaceable rubber edge
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: 10 micron
Breather: 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 11’ 2” (3,404 mm)
- Maximum hopper dump angle 50º
- Design lift capacity 11,000 lb (4,990 kg)
- Lifting mechanism: Two stage scissors with hydraulic cylinders

**Water Spray System**
Tank Construction: Polyethylene
Tank Capacity: 360 gallons (1,362 L)
Fill Hose: 15’ 0” (4,572 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**
- 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

**Paint**
Body: High-gloss white powdercoat
Custom colors available

**Chassis**
Freightliner M2, Autocar Xpert, or International 4400. Contact your Elgin Dealer for detailed chassis specifications.

**Warranty**
Sweeper: 1 year parts and labor
Engine: Consult Factory

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**Your local Elgin Dealer is:**

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