

GENERAL SPECS

Sweep Path:
Main broom only: 60"
Main broom & one side broom: 90"
Main broom and 2 side Brooms: 90"
Chassis Commercial Class 7
Wheel Base Chassis dependent
Warranty Sweeper, 1 year parts & labor

ENGINE (FREIGHTLINER M2 DIESEL)

Make M2 Cummins L9
Type 6 cylinder
Displacement 8.9 L
Horsepower 260 @ 2200 RPM
Torque 860 lb. ft. (1,166 Nm)
Aspiration Turbo charged
***Compressed Natural Gas (CNG)**
 Chassis Available

MAIN BROOM

Type Prefab disposable
Polypropylene filled
Diameter 34" (864 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

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
Mounting Free floating trailing arm
Motion Pneumatically inward/outward, raised/lowered

AVAILABLE ENHANCEMENTS

- Chevron conveyor belt
- Outside cab, side 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 Lifiable 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

ELECTRICAL SYSTEM (CHASSIS)

Voltage 12 V.D.C. / negative ground
Alternator 160 amp
Battery 2 Group 31, 1850 CCA
Circuit Protection Automotive style blade fuse
Wiring Hot stamp identified with weatherproof connectors

HYDRAULIC SYSTEM

Sweep System Pump
 Variable displacement
Capacity 15.4 gpm
Fittings O-ring face seal
Reservoir Capacity 23 gal
Inlet Strainer 100 mesh
Return Filter 6 micron

PAINT

Body: High-gloss white powdercoat
Custom colors available
 Undercarriage:
 Grey powdercoat

CHASSIS

Freightliner M2.
 Contact your Elgin Dealer for detailed chassis specifications.

Your local Elgin Dealer is:



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 11' 2" (3,404 mm)
Maximum hopper dump angle 50°
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 350 gallons (1,325 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 side broom
Water Filter 80 mesh / plastic housing
Controls In cab pump control and flow control valves at each side broom

HYBRID SYSTEM

Architecture Parallel - electric or mechanical drive
Mode Selection None - fully automated
Battery Type Lithium Ion / high voltage
Controls Battery Management System
Plug-in Charging Standard SAE J1772 socket (automotive)
Pause Sweep Energy Conservation System

WARRANTY

SWEEPER
 1 year parts and labor
ENGINE
 Consult Factory
BATTERY
 Consult Factory



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Effective 4/21
 Specifications subject to change without notice.
 P/N