

GENERAL SPECS

Sweep Path:

- Main broom only: 60 in
- Main broom & one side broom: 90 in
- Main broom and 2 side Brooms: 120 in

Chassis Commercial Class 7

Wheel Base Chassis dependent

Warranty Sweeper, 1 year parts and labor

ENGINE (FREIGHTLINER M2)

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

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 Constant

Drive Hydraulic motor with direct drive

Digging Pressure & Wear Control

Variable geometry spring

Lift Control Hydraulic

Mounting Full-floating trailing arm

SIDE BROOM

Type 5 or 6 segment plastic disposable

Diameter 46 in (1188 mm)

Broom Material 26 in 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 sideways oscillation

Mounting Trailing arm

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 in (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

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 in (965 mm)

Maximum dump height 11 ft 2 in (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 360 gallons (1,362 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

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

PAINT

Body: High-gloss white powdercoat

Custom colors available

Undercarriage: Grey powdercoat

CHASSIS

Freightliner M2, Autocar Xpert, International MV607, or Peterbilt 537. Contact your Elgin Dealer for detailed chassis specifications.

WARRANTY

Sweeper 1 year parts and labor

Engine Consult Factory

Your local Elgin Dealer is:



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