

GENERAL SPECS

Sweep Path:

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

Chassis Commercial Class 8

Wheel Base Chassis dependent

Warranty Sweeper, 1 year parts and labor

CHASSIS

Make Battle Motors

Model LNT

Motor Cascadia HVH410

Charge System J1772 CCS Charge Port

ePTO 13-27 kW @2750 rpm

Battery Lithium Ion 400kWh, 700V

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

Variable geometry 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

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" (305 mm) for bulk object passage

INSTRUMENTATION/CONTROLS

Warning Lamps & Buzzer

Amber: Coolant Level, Hydraulic Oil Level, Hydraulic Filter Restriction

Red: Battery Voltage, Coolant Temp, High Hydraulic Oil Temp

Working Lamps

Amber: Full Load Indicator, Conveyor Stall, Hopper Up, Low Water

Green: Elevator Down, Sweep Mode, Transport Mode, Dump Mode, Full Water

Red: Unlevel Ground

LOW VOLTAGE ELECTRICAL

Voltage 12 V/negative ground

Battery Group 31, 1900 CCA

Wiring Hot stamp identified with weatherproof connectors

HYDRAULIC SYSTEM

Sweep System Pump

Quad gear pump

Capacity 26.7 gpm

Fittings O-ring face seal

Reservoir Capacity 23 gal

Inlet Strainer 100 mesh

Return Filter 6 micron

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

PM-10 Compliant

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 Triplex Positive Displacement

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
- Hopper camera
- Hydrant wrench
- Lighting bundles

PAINT

Body:
High-gloss white powdercoat
Custom colors available

Undercarriage:
Grey powdercoat

CHASSIS

Battle Motors LNT
Contact your Elgin Dealer for detailed chassis specifications.

WARRANTY

Sweeper
1 year parts and labor

Your local Elgin Dealer is:



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