

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 8

Wheel Base Chassis dependent

Warranty Sweeper, 1 year parts and labor

CHASSIS

Make Battle Motors

Model LNT

Motor Cascadia IM-425

Charge System

J1772 CCS Charge Port

ePTO 75-80 kW continuous power;
210kW peak power

Battery Lithium Iron Phosphate
400kWh, 750V DC

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 segment plastic
disposable

Diameter 46 in (1188 mm)

Broom Material 26 in wire (660 mm)

Disc Construction Steel

Speed Adjustable with ePTO knob

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 Liftable to 12 in
(305 mm) for bulk object passage

INSTRUMENTATION/CONTROLS

Warning Lamps

Amber: Hydraulic Oil Level, Hydraulic
Filter Restriction

Red: 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

Wiring Hot stamp identified with
weatherproof connectors

HYDRAULIC SYSTEM

Sweep System Pump

Triple gear pump

Capacity 20 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 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

PM-10 Compliant

Tank Construction Polyethylene

Tank Capacity 360 gallons (1,362 L)

Fill Hose 15 ft 0 in (4,572 mm) with
2.5 in (64 mm) NST hydrant
coupling

Pump Triplex Positive Displacement

Spray Nozzles 4 across main broom
and 3 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
- LED strobe
- Arrow stick
- Automatic lubrication system
- Fire extinguisher
- 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:



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