

**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 IM-425

**Charge System** J1772 CCS Charge Port

**ePTO** 110-135 kW continuous power; 225kW peak power

**Battery** Lithium Iron Phosphate 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** Liftable 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 yd<sup>3</sup> (3.4 m<sup>3</sup>)

**Material Volume** 3.3 yd<sup>3</sup> (2.5 m<sup>3</sup>)

**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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