Low Emissions - Highly Economical Single Engine

The Elgin Broom Bear is now available powered by compressed natural gas. This means that a popular, commercial chassis, single engine mechanical sweeper is finally available. This rugged, mechanical sweeper is powered by the state of the art Cummins Westport L9N N-Gas natural gas engine making the Broom Bear a fully certified EPA/CARB emission standards single engine street sweeper. The Broom Bear can also be SCAQMD rule 1186 compliant with the optional PM-10 package. With it's three 3600 psi composite fuel tanks, the Broom Bear has a generous 51 gallon diesel equivalent fuel capacity giving a sweeping range even beyond the standard diesel Broom Bear. The Elgin Broom Bear is still tough on dust and debris while being easy on operators, but is now also easy on the environment.

For more information or to schedule a demonstration, contact your local Elgin dealer or visit www.elginsweeper.com to locate a dealer near you.

EcoInfused Technology® from Elgin Sweeper Company combines science and innovation to produce more environmentally efficient sweepers.
## CNG Fuel System

51.2 Gallon Diesel Equivalent
Three aluminum core, filament wound, 3600 psi gas cylinders
3600 psi nominal service pressure
50 scfm high flow CNG filter with coalescing and particulate elements
Stainless steel fuel lines
Meets all North American and international NGV system standards

## General Specs

| Sweep Path: | Main broom only: 60”
|            | Main broom & one side broom: 90”
|            | Main broom and 2 side Brooms: 120”

### Chassis

- Type: Commercial Class 7
- Wheel Base: Chassis dependent

### Warranty

- Sweeper: 1 year parts & labor

## Engine

- **Make**: Cummins Westport L9N N-Gas
- **Type**: In-line, 6 cylinder
- **Displacement**: 540 cu. in. (8.9 L)
- **Horsepower**: 260 hp @ 2000; 2200 RPM GOV
- **Peak Torque**: 660 ft./lbs. @ 1300 RPM

## Engine Accessories

- Spin-on CNG filter/water separator
- 18.7 SCFM air compressor
- Spin - on full flow/bypass oil filter
- Air intake warmer
- Engine block heater
- Viscous fan drive
- Auto shutdown protection

## 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)
- **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
- **Cascade Washdown**: With fill diverter

## Electrical System (Chassis)

- **Twelve Volt Negative Ground System**
- **160 amp alternator**
- **Battery**: Group 31, 1850 CCA
- **Circuit Protection** Activated by ignition switched
constant duty solenoid (except lights)
- **Wiring**: Hot stamp identified with weatherproof connectors

## Water Spray System

- **Tank Construction**: Polyethylene
- **Tank Capacity**: 360 gallons (1362 L)
- **Fill Hose**: 15’ 0” (4572 mm) with 2.5” (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

## Chassis

- Mounted on Freightliner M2 or Autocar Xpert
- Contact your Elgin dealer for detailed Chassis specifications

## Effective 6/19

Specifications subject to change without notice