The Elgin Broom Badger™ – Easy to operate. Easy to maintain. No CDL required.

Looking for a maneuverable yet powerful compact mechanical sweeper? If so, consider the Broom Badger™ from Elgin Sweeper. This dual-engine sweeper, is easy to operate and maintain and does not require a CDL to operate making it ideal for municipal and contractor customers who need powerful cleaning without a full-size sweeper. The compact, low-profile design allows easy access to tree-lined streets. The short, 109-inch wheelbase and a tight turning radius give the operator great maneuverability for cul-de-sac curb lines and narrow streets without sacrificing robust sweeping performance.

**Chassis/Cab**  The Broom Badger is mounted on an Isuzu NRR 19,500 lb class 5 cabover chassis that provides highway travel speed for quick transport from job to job and excellent visibility for safer operation. An available air ride suspension option provides additional operator comfort. The standard 12-inch spot mirrors and low-cut windows provide the operator with precise gutter broom viewing. A standard dual-camera and color monitor system provides views to the side broom or rear view. The ergonomically designed control console provides easy, comfortable operation.

**Sweep System**  The efficient sweeping system is powered by an auxiliary Tier 4i Kubota 59-horsepower diesel engine and the variable displacement hydraulic pump provides just the necessary amount of oil.

- **Broom design**  The sweeper features dual gutter brooms with a 114-inch sweep path (max). The direct drive brooms feature in-cab control for down pressure and tilt angle. Four-link broom trailing arms provide increased longevity.

- **Elevator design**  Featuring a 58.5-inch direct drive squeegee-type conveyor to handle heavy-duty sweeping applications and eliminate the need for curtains and provides increased productivity. The hinged cover allows for easy cleaning and inspection.

- **Water tank and hopper**  The sweeper is equipped with a 220-gallon water tank for dust suppression. The side-dumping, 4-cubic yard debris hopper enables extended sweeping intervals for increased productivity on the job. A full payload can be off-loaded from the side dump hopper from ground level to a 10 ft. dump height.

For more information or to request a demonstration of the Elgin Broom Badger contact your Elgin dealer or visit www.elginsweeper.com to locate a dealer nearest you.
General Specs

Sweep Path:
- Main broom only: 58” (1,473 mm)
- Main broom & one side broom: 87” (2,210 mm)
- Main broom and 2 side brooms: 114” (2,896 mm)

Chassis
- Commercial Class 5
- Wheel Base: 109” (2,769 mm)

Warranty
- Sweeper, 1 year parts & labor

Sweeper Engine

- Make: Kubota V2403M
- Type: 4 cylinder
- Displacement: 2.4 L
- Horsepower: 59 @ 2700 RPM
- Torque: 122 lb. ft. (165 Nm)
- Aspiration: Turbo charged

Main Broom

- Type: Prefab disposable
- Polypropylene filled
- Diameter: 36” (914 mm)
- Broom Material: Polypropylene
- Length: 58” (1,473 mm)
- Core Type: Disposable steel tube
- Speed: Variable with engine RPM to: Constant forward
- Drive: Hydraulic motor with direct drive
- Digging Pressure & Wear Control
  - Adjustable spring
- Lift control: Hydraulic
- Mounting: Full-floating trailing arm

Side Broom

- Type: Disposable 4 or 5 segment, plastic
- Diameter: 36” (914 mm) streetside
  42” (1067 mm) curbside
- Broom material: 26” wire (660 mm)
- Disc Construction: Steel
- Speed: Variable with engine RPM, adjustable on side of machine
- Drive: Full hydraulic
- Digging Pressure & Wear Control
  - Hydraulic
- Lift control: Hydraulic
- Flexibility: Free-floating and full side-ways oscillation
- Mounting: Trailing Arm
- Down Pressure Indicator: In cab dial

Conveyor

- Type: Squeegee with rubber edging
- Material: (elevator bottom) Bolt-in two-section abrasion resistant steel plates
- Speed: Constant
- Drive: Reversible hydraulically-driven steel chain on polyurethane sprockets
- Adjustment: Chain adjuster
- Lift Control: Hydraulic

Instrumentation/Controls

- Warning Lamps & Buzzer: Conveyor stall
- Warning Lamps
  - Hopper position
  - Low water tank level
  - Engine oil pressure
  - Engine coolant temp
- Shutdown: Hydraulic oil level
  - Hydraulic oil temp
  - Engine oil pressure
  - Engine water temp

Hydraulic System (Sweeper)

- Sweep System Pump
  - Load sense piston
- Capacity: 32 GPM @ 2700 RPM
- Fittings: 37º JIC
- Reservoir Capacity: 30 gal (114 L)
- Return filter: 10 micron
- Filter Restriction: Gauge
- Breather: 10 micron
- Cooler: Externally mounted
- Valves: Electro-hydraulic with manual override

Hopper

- Volumetric Capacity: 4 yd³ (3.02 m³)
- Material volume: 3.2 yd³ (2.45 m³)
- Dumping: Left side
- Hopper Lift and Dump Controls
  - Hydraulic in-cab
  - Inspection Door
- Offload
  - Left Side
  - Minimum dump height 18” (457 mm)
  - Maximum dump height 120” (3,048 mm)
  - Maximum hopper dump angle: 50°
- Design lift capacity: 9,000 lbs (4,090 kgs)
- Lifting mechanism: Two stage scissors with hydraulic cylinder

Water Spray System

- Tank construction: Polyethylene
- Tank capacity: 220 gals (833 L)
- Pump: Electric diaphragm
- Spray nozzles:
  - 4 across main broom
  - 3 over each gutter broom
  - 5 across front bumper
- Controls: In-cab pump control

Camera System

- Rear-View: Camera system

Available Enhancements

- LED strobe
- Arrow stick
- Fire extinguisher
- Hydrant wrench
- Chassis air suspension
- Conveyor flush
- Driven suspension seat

Paint

- Body: High-gloss white
- Custom colors available
- Undercarriage: Black

Chassis

- Isuzu NRR. Contact your Elgin Dealer for detailed chassis specifications.
- Consult Factory

Warranty

- Sweeper: 1 year parts and labor
- Engine: Consult Factory

Your Elgin Dealer is:

Joe Johnson Equipment
2521 Bowman St
Innisfil, Ontario
L9S 3V6 Canada
Phone: 705.733.7700
www.jei.com

Elgin Sweeper Company
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Effective 11/12
Specifications subject to change without notice.