

## General Specs

### Sweep Path:

Main broom only: 58" (1,473 mm)  
Main broom & one side broom:  
89" (2,261 mm)  
Main broom and 2 side brooms:  
120" (3,048 mm)

**Chassis** Commercial Class 5

**Wheel Base** 109" (2,769 mm)

**Warranty** Sweeper 1 year parts & labor

## Sweeper Engine

**Make** Kubota V2403

**Type** 4 cylinder, vertical

**Displacement** 2.434 L

**Horsepower** 65.1 @ 2700 RPM

**Torque** 146.4 lb. ft. (198.5 Nm)  
@ 1500 RPM

**Aspiration** Turbocharged

## 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 auxiliary engine RPM

**Drive** Hydraulic motor with direct drive

**Digging Pressure & Wear Control**

Adjustable spring

**Lift control** Hydraulic

**Mounting** Full-floating trailing arm

## Side Broom

**Type** Disposable 5 segment, plastic

**Diameter** 46" (1188 mm)

**Broom material** 26" wire (660 mm)

**Disc Construction** Steel

**Speed** Variable with auxiliary engine RPM

**Drive** Full hydraulic

**Digging Pressure & Wear Control**

Hydraulic control adjusted inside cab

**Lift control** Hydraulic

## Available Enhancements

- LED strobe
- Arrow stick
- Fire extinguisher
- Hydrant wrench
- Conveyor flush

## Flexibility

Free-floating and full side-ways oscillation

**Mounting** Trailing Arm

**Down Pressure Indicator** In cab display

## Conveyor

**Type** Squeegee with replaceable rubber edging

**Material (elevator bottom)** Bolt-in two-section abrasion resistant steel plates

**Speed** Variable with auxiliary engine RPM

**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 coolant temp

**Auxiliary engine**

Coolant level  
Hydraulic oil level  
Hydraulic oil temp  
Engine oil pressure

## Electrical System (Sweeper & Chassis)

**Twelve Volt Negative Ground System**

140 amp alternator

**Battery** 2 12v 1500 CCA total

**Circuit Protection** Automotive breakers

**Wiring** Hot stamp identified with weather-proof connectors

## Hydraulic System (Sweeper)

**Sweep System Pump**

Triple section gear pump

**Capacity** 31.3 GPM @ 2400 RPM

**Fittings** O-ring face seal

**Reservoir Capacity** 30 gal (114 L)

**Return filter** 10 micron

**Filter Restriction** In cap display

**Breather** 10 micron

## Paint

**Body**

High-gloss white  
Custom colors available

**Undercarriage**

Gray powdercoat

## Chassis

**Isuzu NRR**

Contact your Elgin Dealer for detailed chassis specifications.

**Cooler** Externally mounted

**Valves** Electro-hydraulic with manual override

## Hopper

**Volumetric Capacity** 4 yd<sup>3</sup> (3.02 m<sup>3</sup>)

**Material volume** 3.2 yd<sup>3</sup> (2.45 m<sup>3</sup>)

**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** 9,400 lbs (4,264 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

**Camera system** Rear-view

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