

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 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 Adjustable on side of machine
Drive Full hydraulic
Digging Pressure & Wear Control
Hydraulic control adjusted inside cab
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

Electrical System (Sweeper & Chassis)

Twelve Volt Negative Ground System
110 amp alternator
Battery 2 12v 1500 CCA total
Circuit Protection Automotive breakers
Wiring Number identified and color-
coded with weatherproof connectors
Central wiring and relay locker

Hydraulic System (Sweeper)

Sweep System Pump Load sense piston
Capacity 32 GPM @ 2700 RPM
Fittings 37° 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 9,400 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 Side broom and rear-view

Available Enhancements

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

Paint

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

Chassis

Isuzu NRR. Contact your
Elgin Dealer for detailed
chassis specifications.

Warranty

Sweeper
1 year parts and labor
Engine
Consult Factory

Your Elgin Dealer is:



Elgin Sweeper Company
1300 W. Bardlett Rd.
Elgin, Illinois, U.S.A. 60120-7529
847-741-5370 Phone
847-742-3035 Fax
www.elginsweeper.com

© 2013 Elgin Sweeper Company. Federal Signal Corporation is listed on the NYSE
by the symbol FSS. Broom Badger is a trademark of Elgin Sweeper Company

Effective 8/13 P/N 0705390-A
Specifications subject to change without notice.