

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-CR-TE4

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 42" (1067 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

Available Enhancements

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

Lift control Hydraulic

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 cab display

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 PM-10 compliant

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

Paint

Body

High-gloss white
Custom colors available

Undercarriage

Gray powdercoat

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:

© 2022 Elgin Sweeper Company. Federal Signal Corporation is listed on the NYSE by the symbol FSS. Broom Badger is a trademark of Elgin Sweeper Company



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

Effective 5/22 P/N 0705390-D
Specifications subject to change without notice.