



Picture.

MODOT Bid [REDACTED]

Black = Options**Blue = Standard Equipment****RED = Included in MODOT Bid**

Standard Sweeper Equipment for ES 351

Standard Factory Warranty: 2 years or 2,000 Hours

Sweeping Equipment powered by Chassis Engine via
"Hot Shift" transmission PTO

Centralized Systems Locker
for hydraulics, water and
pneumatics

4.5 Cubic Yard Stainless Steel Hopper with Lifetime Warranty

All wiring is color coded and
numbered

Stainless Steel Hopper with Window and skylight

Dust Proof Electrical Wiring -
IP65 Standards

Variable High Dump - ground to 12' 5" w/ dump angle of 54
degrees

Water Proof Electrical Wiring -
IP67 Standards

Large Hopper Access Door

25' Hydrant Hose with
Coupling & Wrench

44" dual gutter brooms - leading arm digger type; work together
or independently

Dual Rear Work Lights

In Cab Gutter Broom Speed Control

Gutter Broom work lights

In Cab Gutter Broom Down Pressure Control

(2) Rear LED Flashing Strobes

Manual Gutter Broom lateral adjustment with pin stops to
achieve 12 foot sweep path

Rear Main Broom Cover and
Anti-carryover wrap

In Cab conveyor height adjustment.

Sweep Pause and Resume
System

Conveyor -12 flight squeegee with hardened polyurethane
sprockets and Stainless Steel wear plates

Water Fill, Anti-siphon

Conveyor Bearings - sealed and self-aligning

Tool Storage

Conveyor Flush Out System

Electric Back-Up Alarm

Conveyor raise in reverse & Stall Alarm

Water Tank - 360 Gallons
molded polyethylene.

Main Tube Broom - 34.5" x 58" polypropylene; direct
hydraulically driven

Spray Nozzles - 4 at each
gutter broom & 4 across front
bumper

Dirt Shoes - T-Plate heavy duty steel

Hydraulic System - load sensing w/ variable displacement pump

Run-dry twin diaphragm water pump - hydraulically driven

In Cab Low water alarm

Hydraulic Oil Temperature Gauge

1 each Sweeper Manuals - Operations, Parts and Service

Hydraulic Oil Filter Restrictor Indicator

Air Ride Seats

Tilt Steering

Air Ride Cab

AM/FM/WB Radio

Remote & Heated Mirrors

Front Swaybar

Backup Alarm

Dualization

Power Locks

Power Windows

Allison 3500 RDS Transmission

Standard Chassis Equipment

AM/FM/WB Radio CD, A/C, Dual Air Suspension Seats, AirRide Cab, Front Swaybar, Remote & Heated Mirrors, Back Up Alarm, Dualization, and Allison 3500 RDS Transmission, 2 group 31 batteries 2250 CCA, 160 amp Alternator, Battery disconnect, Right hand exhaust, power windows and locks. Two speed rear axle with a 6.17 / 8.42 ratio.

1	ES35103	Gutter Broom In-Cab Tilt Control - Dual	\$2,850
1	ES35105	Gutter Broom In-Cab Lateral control - hydraulically variable	\$3,500
1	ES35108	Carbide Dirt Shoe ILOS Steel	\$1,625
1	ES35112	Camera Single Rear Vision with 7 inch display	\$1,375
1	MODOT	Required Arrow Board	\$6,500
1	ES35101	Dual Gutter Broom - Includes Dual In-Cab Gutter Broom Controls, Down Pressure and Speed	Included
0	ES35102	Ultra High Dump - 14' 2" Scissor Lift	\$4,500
0	ES35104	Gutter Broom In-Cab Tilt Control - Single	\$1,450
0	ES35106	Strip main broom with mandrel ILOS tube broom	\$1,500
0	ES35107	Brush dirt shoes ILOS T-plates	\$950
0	ES35109	Low Pressure Spraybar - for rear pick-up broom	\$530
	ES35110	Rear mounted LED Strobe w/ Limb Guard	\$370
0	ES35111	Hopper work Light - white LED	\$350
0	ES35113	Cameras Dual Rear & Side with 7 inch display	\$1,900

0	ES35114	Split Arrow Stick, LED	\$1,300
0	ES35115	PM-10 Dual, Adds 9 Extra Spray Nozzles Per Side	\$3,700
0	ES35116	Technical Manuals - additional copy supplied on CD	\$275
0	ES35117	Technical Manuals - hard copy of technical manuals, supplied in English	\$375
1	2017 Freightliner M2 Conventional Chassis, AirRide Cab, Cummins 6.7 260 HP Engine with EPA 2013 Emissions. Chalmers CSI 1023 Rear Suspension - Only chassis available on the ES351		\$89,600



THE JOHNSTON ES351 MECHANICAL SWEEPER

NIROSTA®
IN MY BODY



Johnston
NORTH AMERICA

INTRODUCING THE NEW JOHNSTON ES 351 EASY SWEEP



SIMPLE SOLUTION • BIG ADVANTAGE

The Johnston ES351 Mechanical Sweeper is the newest model from the world's largest manufacturer of street sweepers. It underscores Johnston's entry into the competitive 4-wheel chassis mounted sweeper class. Johnston's "Easy Sweep" Mechanical sweeper is matched with Freightliner's M2 chassis and together; they offer both superior performance and a level of comfort and drivability that any operator will appreciate.

CONVEYOR

Utilizing a chain driven, 12 flight-squeegee type conveyor, traveling on polyurethane sprockets, the Johnston Easy Sweep captures and moves all street debris up a 100% Nirosta Stainless Steel conveyor floor and into its stainless steel hopper.

STAINLESS STEEL HOPPER

Standard with every Johnston Easy Sweep mechanical sweeper is a large 4.5 cubic yard debris hopper that is constructed of 100% Nirosta Stainless Steel. It is specially designed to be both abrasion and corrosion resistant and carries a **Non Pro-Rated Lifetime Warranty**.

SCISSOR LIFT

Standard two stage, heavy duty scissors lift makes dumping easy, from ground level to 12'6". The Johnston Easy Sweep can easily lift 12,000 lbs to clear most 10 wheel trucks with side boards. All dump controls are hydraulic and in-cab.

JOHNSTON IS THE STAINLESS STEEL COMPANY

NIROSTA®
IN MY BODY



FEATURES

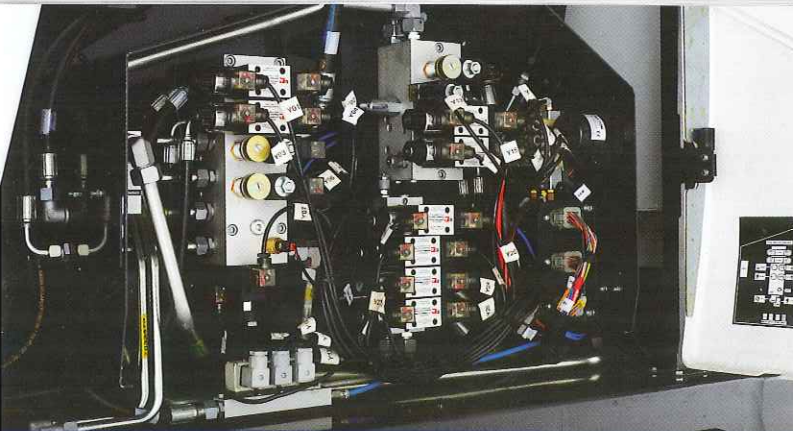


T-PLATE DIRT SHOES

The new Johnstone Easy Sweep mechanical sweeper can be ordered with the standard T-Plate designed dirt shoes with carbide inserts or new maintenance free "Strip-Brush" type dirt shoes.

GUTTER BROOMS

Large 44 inch, hydraulic driven, "Leading Arm/Digger Type" free floating gutter brooms. The dual gutter brooms can extend out to achieve a 144 inch total reach, facilitating cul-de-sac sweeping. Broom discs are drilled to accept four or five segment broom sections.

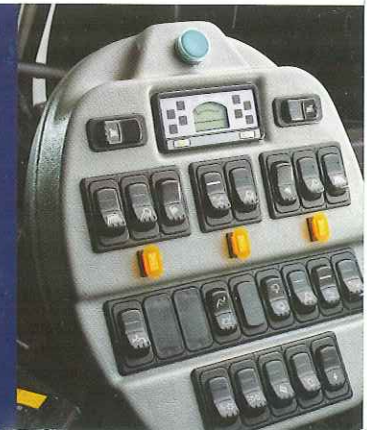


SYSTEMS CONTROL

All sweeper hydraulics are centrally located in a "Systems Control Locker" for ease of access. All hydraulic valves are fitted with light emitting diodes and manual overrides to signal function and to allow for easy diagnostics and maintenance.

CONTROLS

Control panel is centrally mounted, making it easily accessible from both driving positions. All sweep functions, water spray and dump actions are controlled from this console via conventional rocker switches, allowing the operator to maintain a forward line of sight while performing any task.





ADDITIONAL FEATURES

WHEEL BASE

The Johnston Easy Sweep is built on a 136" wheel base chassis, which allows for the unit to feature the tightest turning radius in the industry, 18' 6"

REAR AXLE

The Johnston Easy Sweep features a two speed axle as standard, allowing the operator to achieve low sweeping speeds without riding the brake

HYDRAULICS

The Johnston Easy Sweep features "Loading Sensing Hydraulics" which adjust hydraulic flow to accommodate the demand in the sweeping gear, maximizing efficiency and minimizing heat

Water

The Johnston Easy Sweep features a baffled 360 gallon polyethylene water tank, supplying water to the run-dry centrifugal pump for extended sweep periods in between fill-ups

Founded in 1904, Johnston Sweepers, Ltd. is the global leader in providing municipal street sweepers to over 80 countries. Johnston North America's sweepers come with cutting edge technology providing superior performance, ease of operations and the lowest cost of ownership. We provide compact vacuum sweepers and truck mounted: regenerative air, vacuum and mechanical sweepers. Our extensive dealer-partner network is fully equipped to support your sales and service needs anywhere in North America.

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