



Branch Office
P.O. Box 692109
Tulsa, OK 74169
918-809-8011

Branch Office
P.O. Box 11035
Kansas City, KS 66111
913-371-8260

Main Office
P.O. Box 2007
Maryland Heights, MO
63043

February 27, 2012

Reva Jones, GS Specialist/Buyer
MODOT
P.O. Box 270
Jefferson City, MO 65102

Dear Reva,

Thank you for the opportunity to provide MODOT the 2012 proposal for several models of sweepers manufactured by the Elgin Sweeper Company. Key Equipment and Supply Company would like to assure you that each model meets 100% of your specifications.

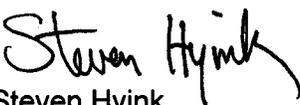
All of the units are bid with the entire hopper manufactured from grade 304 Stainless Steel. The SS is the same thickness or gage as the standard Elgin hopper. On the air products this includes the dust separation chamber also. We also provided the drop down screens in Stainless Steel also.

Any District or other entity may choose to delete the Stainless Steel and substitute the LifeLiner coating system.

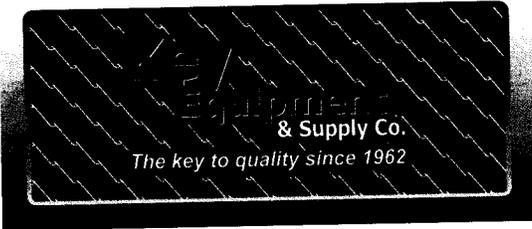
Photos are enclosed to show a regenerative air unit delivered with a Stainless Steel hopper.

If you need any information, please call our Kansas City office at 800-262-0149 or our St. Louis office at 800-325-4323. If I am traveling and you have an urgent need for information, a message will be forwarded immediately to my mobile phone. I am also available by e-mail at steve@keyequipment.com.

Yours truly,


Steven Hyink
President

Item 1



Branch Office
P.O. Box 692109
Tulsa, OK 74169
918-809-8011

Branch Office
P.O. Box 11035
Kansas City, KS 66111
913-371-8260

Main Office
P.O. Box 2007
Maryland Heights, MO
63043

February 28, 2012

Reva Jones, GS Specialist/Buyer
MODOT
P.O. Box 270
Jefferson City, MO 65102



Dear Reva,

Thank you for the opportunity to provide all MODOT Districts the 2012 Elgin Whirlwind MV Pure Vacuum Street Sweeper featuring Dual 36" side brooms and the ability to vacuum on both sides at the same time. Key Equipment and Supply Company is proud to provide the safest, durable and most dependable street sweeper on the market today.

Please review the following standard features:

- Auxiliary engine, John Deere 4045TF150, 4 cylinder Turbocharged diesel,
- Horsepower: 115 HP (86 kW) at 2500 RPM
- Displacement: 276 cu. in. (4.5 L)
- Drive: Fluid coupling blower drive with power belt
- Doors, fiberglass access doors provide easy service and maintenance on auxiliary engine, hydraulic and electrical system
- LED clearance lights
- In cab hopper dump
- Fuel water separator for aux engine
- Control console, with rocker switches for all sweep functions, including memory sweep in an ergonomically designed console with full gauge package including diagnostic gauge, tachometer, engine hour meter, oil pressure indicator, coolant temperature, voltmeter and fuel level indicator, auxiliary engine RPM control, side broom down pressure controls, manual reset circuit breakers, water level gauge and warning lights for hopper "up", hopper rear door "open" and hopper "full"
- Auto shutdown, auxiliary engine
- Hopper rear door, hydraulically opened/closed and locked/unlocked with external controls
- Camera, Rear View
- Fuel tank, 50 gallon (189 L)
- Hose, hydrant fill, 16'8" (5080 mm) with coupling
- Electronic Throttle
- Auto Shutdown Auxiliary Engine
- Hydraulic oil cooler
- Sweep resume/sweep transport/reverse pick-up

In addition to the standard features, the following product enhancements meet and or exceed the 2012 MODOT specifications:

- Robert Shaw Automatic Lube System, Sweeper Only (grease pump for each zerck)
- Complete Hopper Constructed of Grade 304 Stainless Steel
- Stainless Steel Hopper Screens
- Right Hand Stainless Steel Hopper Inspection Door with Grab Handle and Step
- Whirlwind MV Operators, Service and Parts Manuals
- (2) LED Strobe Lights with limb Guards mounted Front and Rear of Hopper
- (2) Alternating LED Strobe Lights mounted Flush on Rear
- Auxiliary electric/hydraulic pump (to raise hopper without impeller engaged)
- Left and Right Side Broom Tilt Controlled from in Cab
- Front Spray Bar
- Chassis Hour Meter, Aux. Engine Hour Meter, Side Broom Hour Meter
- (2) Bostrom 905 mid-back air suspension seats
- Heated remote controlled West Coast mirrors
- Low hydraulic oil level / high temperature automatic engine shutdown
- Turbo II air precleaner
- Paint Cab Yellow to Match Sweeper
- Paint Sweeper Yellow
- MODOT Special Arrowboard
- AM/FM/CD Radio

Delivered Price per Unit

\$244,195.00

Price is good through February 28, 2013

Includes on site factory certified training by Key Equipment for service and operation

Payment Terms are Net 10

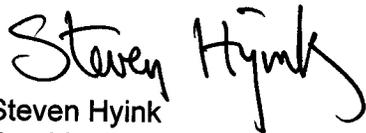
Delivery in approximately 90 days A.R.O.

Base chassis is 2012 Freightliner M2 with dualization, Subject to Availability. Other chassis choices are offered.

Other product enhancements are available to add to these specifications...see enclosure.

If you need any information, please call our Kansas City office at 800-262-0149 or our St. Louis office at 800-325-4323. If I am traveling and you have an urgent need for information, a message will be forwarded immediately to my mobile phone. I am also available by e-mail at steve@keyequipment.com.

Yours truly,



Steven Hyink
President

MODOT Whirlwind Options

Options for Dual Whirlwind Red denoted items are included in 2012 MODOT Bid		
Special	DEDUCT FOR SINGLE SIDE NOZZLE/BROOM	\$5,000.00
Special	MODOT SPECIAL LED ARROWBOARD	\$6,000.00
1078045	TURBO II PRECLEANER	\$300.00
1069822	AUTO-LUBE ON SWEEPER MODULE	\$3,600.00
1071234	SS HOPPER SCREENS	\$1,000.00
1101937	STAINLESS STEEL RH HOPPER INSPECTION DOOR WITH STEP	\$500.00
2202489	ENTIRE HOPPER AND DOOR, GRADE 304 SS	\$10,000.00
702440	WHIRLWIND SERVICE MANUAL	\$100.00
1087729	LH 36" SIDE BROOM TILT CONTROL FROM CAB	\$750.00
1087730	RH 36" SIDE BROOM TILT CONTROL FROM CAB	\$750.00
1075400	AM/FM/CD RADIO	\$500.00
1081364	HEATED REMOTE CONTROLLED WEST COAST MIRRORS	\$1,500.00
1081745	(2) BOST 905 VINYL MIDBACK AIR SUSP SEATS	\$1,000.00
1086637	FRONT SPRAY BAR	\$250.00
1087135	AUXILIARY ELECTRIC/HYDRAULIC PUMP SYSTEM	\$600.00
Special	LOW HYD OIL LEVEL + HI TEMPERATURE SHUTDOWN	\$200.00
Special	FRONT AND REAR HOPPER LED STROBES WITH PROTECTORS	\$900.00
Special	TWO LED ALTERNATING FLASHERS IN REAR BUMPER	\$700.00
Special	PAINT SWEEPER RAL 1037 YELLOW	\$0.00
Special	PAINT CAB RAL 1037 YELLOW	\$1,850.00
Special	2012 FREIGHTLINER M2/106 CHASSIS	\$70,000.00
Special	2012 INTERNATIONAL 4300 CHASSIS	\$77,000.00
Special	2012 AUTOCAR EXPERT CAB-OVER CHASSIS	\$98,000.00
Special	2013 FREIGHTLINER M2/106 CHASSIS	\$72,000.00
Special	28" DIAMETER SIDE BROOM MODEL ILO 32"	\$0.00
Special	10 CUBIC YARD HOPPER MODEL ILO 8 CU YD	\$4,500.00
	-----ALARM-----	\$0.00
1048703	BACKUP ALARM-SMART SA940-G	\$360.00
1048753	BACK UP ALARM-PRECO	\$250.00
	-----AUX ENGINE-----	
1078204	AUX-AIR FILT REST IND LIT	\$575.00
1086686	COLD WEATHER STARTING KIT	\$380.00
1088321	AUX ENG PRE-CLEANER	\$450.00
1088982	1000 WATT BLOCK HEATER	\$355.00
	-----DECALS-----	
1090209	T3 WHITE LOGO-MV	\$0.00
	-----HOPPER-----	
1092627	LIFELINER HOPPER COATING	\$6,875.00
1085864	RH INSPECTION DOOR	\$390.00
1085882	LH INSPECTION DOOR	\$390.00
1085886	LH INSPECTION DOOR & STEP	\$645.00
1101938	stainlesssteel left hand inspection door/step	\$725.00
1085887	6" HOPPER DRAIN	\$745.00
1088318	SS LINED HOPPER W/O HOPPER DOOR	\$6,015.00
1089326	6" HPR DRAIN IN SS DOOR	\$1,640.00

MODOT Whirlwind Options

		\$0.00
	-----INSTRUCTIONS-----	\$0.00
704051	JD 4045HF TR3 OP MANUAL	\$45.00
704050	JD 4045HF TR3 PARTS BOOK	\$60.00
704052	JD 4045HF TR3 TECH MANUAL	\$180.00
701413	WHIRLWIND MV-3000 OP	\$65.00
702217	WHIRLWIND MV-3000 PARTS	\$120.00
	-----LIGHTS-----	
1100375	LED MARKER LIGHTS	\$70.00
1088212	WIRE/MOUNT REAR	\$195.00
1088213	WIRE/MOUNT REAR BEACON W/GUARD	\$405.00
1088214	WIRE/MOUNT REAR STROBE/GUARD	\$435.00
1088216	WIRE/MOUNT R&L REAR (USE W/WANDERING HOSE)	\$640.00
1088217	WIRE/MOUNT R&L REAR (USE W/OUT WANDERING HOSE)	\$530.00
1088219	(2) REAR STROBES W/GUARDS	\$960.00
1088228	ARROWBOARD	\$1,530.00
1088229	REAR ARROWBOARD LED	\$2,295.00
1088230	WIRE/GUARD (for a beacon or strobe) W/ARROWBOARD	\$1,530.00
1088231	WIRE/GUARD (for a beacon or strobe) W/ARROWBOARD-LED	\$2,365.00
1088233	REAR BEACON / ARROWBOARD	\$1,785.00
1088234	ARROWBOARD W/REAR STROBE	\$1,785.00
1088235	REAR BEACON/ARROWBOARD-LED	\$2,500.00
1088246	REAR STROBE/ARROWBOARD-LED	\$2,500.00
1088335	DUAL REAR FLOOD LIGHTS	\$330.00
1088336	SINGLE REAR FLOOD LIGHT	\$175.00
1088384	WIRE MOUNT R&L REAR BEACON (USE W/WANDERING HOSE)	\$1,090.00
1088385	WIRE MOUNT R&L REAR BEACON (USE W/O WANDERING HOSE)	\$870.00
1088386	WIRE MOUNT R&L REAR STROBE (USE W/WANDERING HOSE)	\$1,020.00
1088387	WIRE MOUNT R&L REAR STROBE (USE W/O WANDERING HOSE)	\$870.00
1088533	(4) ALTERNATING FLASHING LIGHTS, REAR	\$760.00
1089481	(4) ALTERNATING FLASHING REAR LED LIGHTS	\$1,530.00
1090157	(2) REAR BUMPER STROBES	\$775.00
1090458	(2) ALTERNATING FLASHING LIGHTS, REAR	\$615.00
1090922	REAR BEACON / LED ARROWSTICK	\$1,420.00
1090923	REAR STROBE / LED ARROWSTCK	\$1,410.00
1095148	DUAL REAR LED FLOOD LIGHTS	\$480.00
1095149	SINGLE REAR LED FLOOD LIGHT	\$245.00
1095531	REAR LED ARROWSTICK	\$1,750.00
1096798	(2) REAR BEACONS / ARROWBOARD	\$1,690.00
1096799	(2) REAR BEACONS / ARROWBOARD	\$1,690.00
1096800	(2) REAR BEACONS / LED ARROWBOARD	\$2,650.00
1096801	(2) REAR BEACONS / LED ARROWBOARD	\$2,650.00
1096802	(2) REAR STROBES / ARROWBOARD	\$1,805.00
1096803	(2) REAR STROBES / ARROWBOARD	\$1,805.00
1096804	(2) REAR STROBES / LED ARROWBOARD	\$2,640.00
1096805	(2) REAR STROBES / LED ARROWBOARD	\$2,640.00
	-----PM10 COMPLIANT-----	

MODOT Whirlwind Options

1087903	PM-10 DUAL GATE VALVE 28"	\$2,710.00
1087904	PM-10 SNGL GATE VALVE 28"S	\$2,710.00
1087899	PM-10 DUAL GATE VALVE 36"	\$2,710.00
1087900	PM-10 SNGL GATE VALVE 36"	\$2,710.00
	-----SAFETY-----	
	FIRE EXT.2 1/2 ABC DRY CHM	\$155.00
1036150	HYDRANT WRENCH (ELKHART)	\$75.00
1048643	SLOW MOVING VEHICLE EMB.	\$100.00
1088452	UTILITY COVER LIFTER RH	\$2,295.00
1088453	UTILITY COVER LIFTER LH	\$2,295.00
1095548	LEFT HAND SIDE ADDITIONAL CAMERA	\$470.00
	---SIDE BROOM OPTIONS---	
1036814	ALUM.S.B. SEG ILO STD EA.	\$385.00
1049993	PLAS/POLY SB SET	\$110.00
1078904	DUAL POLY BROOMS	\$205.00
1086721	VARIABLE SPEED BROOMS, DUAL	\$1,195.00
1086722	VARIABLE SPEED BROOM, SINGLE	\$605.00
1087950	SDBRM TILT LH 28"	\$1,090.00
1087951	SDBRM TILT RH 28"	\$1,090.00
	-----SWEEPER OPTIONS----	
1079679	AIR PURGE	\$295.00
1086718	AUTO SHUTTER LH	\$450.00
1086719	AUTO SHUTTER RH	\$500.00
1067561	NOZZLE 3RD CASTER WHL-SNGL	\$300.00
1067562	NOZZLE.3RD CASTER WHL-DUAL	\$500.00
	-----TOOL BOX/TOOL KIT---	
1053426	TOOL KIT	\$565.00
1057687	TOOL BOX W/TOOLS	\$635.00
	-----WANDER HOSE-----	
1059263	4 FT ALUM. WH EXT. TUBE-RR MNT	\$715.00
1063656	(2)4 FT ALUM WH EXT TUBES-RR MNT	\$1,315.00
1082041	W/H LIGHT DUTY SPRING ASST	\$2,390.00
1086694	HYD WAND HOSE DUAL	\$3,825.00
1086695	HYD WAND HOSE SNGL	\$3,955.00
1086696	HYD WAND HOSE SNGL W/FRONT	\$3,825.00
1086697	HYD W/H DUAL VRSPD	\$3,828.00
1086698	HYD W/H SNGL VRSPD	\$3,825.00
1086699	HYD W/H SNGL VRSPD W/FRONT	\$3,750.00
	-----WATER SYSTEM-----	
1032484	25' WATER FILL HOSE	\$155.00
1040094	QUICK DISCONNECT WATER FILL	\$455.00
1059209	HOPPER DELUGE	\$890.00
1078258	LOW PRESSURE WASHDOWN	\$960.00
1086682	HIGH PRESSURE WASHDOWN	\$3,060.00
1094283	low pressure washdown (use w/pm 10)	\$960.00
1086683	high pressure washdown (use w/pm10)	\$3,060.00
1105406	high pressure wasdown- high psi at low rpm	\$3,560.00
1105407	high pressure washdown(use w/pm10) high psi at low rpm	\$3,560.00

MODOT Whwirlwind Options

1105515	high pressure washdown w/wand hose high psi at low rpm	\$3,375.00
1105516	high pressure washdown(use w/pm10) w/wand hose high psi at low rpm	\$3,375.00
1091366	high pressure washdown hose reel	\$1,080.00
1091367	high pressure washdown hose reel (use w/right hand inspection door)	\$1,080.00
		\$0.00
	---M2 CHASSIS OPTIONS---	
1070639	LED/STOP/TAILO/REAR TURN LT	\$550.00
1080756	FENDER MOUNTED MIRROR-LH	\$480.00
1080977	12" CONVEX MIRRORS-M2 IL0	\$255.00
1081746	(1) BOST. 905 VINYL MIDBACK	\$810.00
1081747	2 BOST AIR 905 CLOTH HI-BACK	\$1,750.00
1081188	KEY-SPARE	\$30.00
1081748	BOSTROM AIR 905 CLTH HI-BACK	\$960.00
1081901	GY SPARE TIRE & WHEEL,BAL	\$870.00
1081909	SNGL ARM REST-VINYL	\$340.00
1081910	DUAL ARM REST-VINYL	\$650.00
1081911	SNGL ARM REST-CLOTH	\$340.00
1081912	DUAL ARM REST-CLOTH	\$650.00
1086489	WIRE/MNT CAB/REAR	\$765.00
1092868	BEACON CAB/REAR	\$1,020.00
1092687	STROBES CAB/RR	\$1,275.00
1090653	DUAL AIR HORNS	\$1,100.00
1092022	auto lube sweeper and truck chassis	\$6,765.00
1092336	(2) aluminum extentions front mounted	\$1,270.00
1092685	wire/mount cab/front;hopper rear (use w/air horn)	\$1,090.00
1092686	beacons cab/front; hopper/rear(use w/air horn)	\$1,190.00
1092687	stobes cab/front; hopper/rear(use w/air horn)	\$1,405.00
1093019	2 ½ lb fire extinguisher	\$165.00
109320	5 lb fire extinguisher	\$210.00
1094347	front spray bar single(use w/pm10)	\$680.00
1094348	front spray bar dual (use w/pm10)	\$670.00
1098662	wire/mount -cab/front; hopper/rear w/arrowboard	\$1,435.00
1098663	beacons cab/front; hopper/rear with arrowboard	\$2,240.00
1098664	stobes cab/front; hopper/rear with arrowboard	\$2,620.00
1098665	wire/mount-cab/front;hopper/rear with arrowboard(used w/airhorn)	\$1,435.00
1098666	beacon cab/front; hopper/rear with arrow board(used w/airhorn)	\$2,240.00
1098667	stobes cab/front; hopper/rear with arrowboard(used w/ air horn)	\$2,620.00
1103641	led strobe cab/front; hopper rear	\$1,540.00
1103642	led stobes cab/front; hopper/rear(used w/air horn)	\$1,540.00
	Extra Keys for sweeper (3)	\$45.00

Four Wheel (Vacuum) or Regenerative Air Street Sweeper – Item #1

General

- The intent of this specification is to secure the latest model and design "Vacuum or Regenerative air street sweeper" with extension broom capable of removing litter, debris, etc. from street surfaces. All items appearing in Manufacturer's published literature and specifications as standard are assumed to be included in bidder's proposal.

Cab/Chassis

- Must be diesel engine with shatterproof safety glass, tinted windshield and windows; Dual two-speed windshield wipers and washers with intermittent feature; factory installed AC/Heater and defroster; high back air suspension bucket seats or mid-back in air ride seats for both operator positions.
- Dual operating controls, RH and LH Operator positions with all O.E.M. components, AM/FM radio, LH and RH grab handles, seatbelts, LH and RH electric remote West Coast type outside mirrors, with 8" spot convex mirrors.
- RH gauge package shall be identical to original LH gauge package on dash
- Controls for all drive and sweeping functions shall be in-cab mounted.
- Engine protection system utilizing coolant temperature, oil pressure, etc.
- Minimum H.P. on chassis engine to be 200
- Chassis must have a minimum 32,000 pound GVWR and meet all current emission and motor vehicle standards

Electrical System, 12 Volt

- Sealed multiple beam headlights with dimmer switch, combination stop, tail, backup and directional signals, hazard warning flashers, clearance lights, front side marker lights, inside cab dome light and instrument lights.
- (Preferred) Wiring harnesses are to be color coded with a preference for hot stamping and labeling a min. of every 12".
- Battery box/holder(s) shall be mounted to frame rail easily accessible.

Brakes

- Full air, service complete, cam type
- Parking brake to be spring set with air release

Steering

- Full power hydraulic

Sweeping/Cleaning Equipment

- Hopper, door and internal components shall be constructed of rust proof grade 304 Stainless Steel. All wear areas such as fan housing & pickup head shall be constructed of abrasion resistant steel with epoxy coating, replaceable liners, or other proven means to reduce wear.

Blower Fan & Exhaust

- Fan compartment shall be acoustically lined/sound suppressed and include replaceable wear liner. Fan speed independent of vehicle speed.
- Fan, fan compartment and all drive mechanism shall be housed in an enclosed compartment for safety and additional sound suppression.
- Fan housing shall incorporate an inspection/clean out door.

Side or Gutter Brooms

- Located each side, center of sweeper; hydraulically driven and hydraulic or pneumatic raised, lowered, suspended, adjusted, and tilted with inside cab controls.
- Power tilt gutter brooms on both sides controlled from inside cab.
- Broom contact pattern must remain constant with regards to vertical broom movement due to changes in pavement conditions.

Vacuum Nozzles/(Vacuum Sweepers Only)

- Minimum 11" inside diameter suction hoses; smooth inside bore hoses. Nozzles to be abrasion resistant (AR 400) steel; quick disconnect at pickup head for easy clean out.
- For safety nozzles must automatically raise when truck is placed in reverse.

Pick-Up Sweeping Head/ (Regenerative Air Sweepers Only)

- Minimum of 87" wide with abrasion resistant steel shoes/runners, heavy duty 3/8" thick wall rubber hoses attaching to hopper, quick disconnect on suction hose only, suspended from a minimum of 4 adjustable springs one (1) on each corner of pick-up head.
- For safety head must automatically raise when truck is placed in reverse.
- For performance, regenerative pick-up head must include a broom inside of the head.
- A quick disconnect shall be located near pickup head for easy clean out.

Water System

- Industrial grade polyethylene or stainless steel water tank to be standard of manufacturer with filler capacity, strainer and low level indicator. Minimum of four (4) spray nozzles on main broom, two (2) on each side broom, one (1) inside hopper to dampen debris being swept by suction nozzle, and a front spray bar, or additional nozzles for dusty areas being swept, all spray nozzles controlled separately on console inside cab.
- Inside cab 'low' water indicator required.
- Hydrant fill hose required, minimum 16 feet.
- A Stainless Steel mesh filter is required in the water system to prevent spray bars from clogging.

Automatic Lubrication System

- Complete with individually calibrated injector pumps and lines for each grease point. An electronic controller will allow for adjustment of lubrication cycles. A manual override button will provide for testing.

Engine, Sweeper

- Minimum 4-cylinder turbo charged Tier 3 diesel; engine should have air-cleaner with pre-cleaner, full flow oil filter, variable RPM control, temperature and oil and coolant level shut-off, and emergency shut-off. Must meet minimum of Tier 3 emissions.
- Engine compartment to be easily accessible from left and right for service.
- A shutdown shall be supplied which stops the engine when the hydraulic oil in the reservoir falls below the acceptable level required.
- A shutdown shall be supplied which stops the engine when the engine temperature and oil pressure falls below the acceptable level required.

Hopper

- Air Sweeper Hopper shall be a minimum of seven cubic yard capacity, constructed of grade 304 Stainless Steel including rear door, screens and dust separator.
- For safety, a hopper load indicator must be provided to warn Operator that chassis is loaded to capacity of chassis suspension.

- To reduce dust during transport and dumping, the hopper must be able to be unloaded without the fan engaged and moving air.

Instruments, Inside cab mounted

- Water temperature, oil pressure and diesel gauges for all engines, ammeter, speedometer/odometer, tachometer, electric hour meter for all engines, broom hour meter. All instruments are to be located in cab between seats, centrally located for good vision from operator position(s).

Control Panel

- Shall include all sweeping and auxiliary engine controls. The control panel shall be mounted forward in the truck cab to allow easy viewing and access to all controls from either operator's position.

Arrow Board

- Arrow board specifications are attached. **LED warning lights shall be utilized.** Please list any alternative method and specifications for less cumbersome arrow signaling that will maintain the 6' X 3' size and effectiveness of safety. Price shall not exceed that of standard specifications. All new provisions subject for review by Missouri Department of Transportation's Operations Division. *If any questions, please call the District or General Services.*

Electrical

- All wiring shall be color coded and hot-stamped with function every few inches.
- Control console shall be backlit for nighttime sweeping operation.
- A floodlight shall be adjacent to each side and main broom for safety.

Accessories

- A LifeLiner Coating or equivalent epoxy coating complete with repair kit or bolt in replaceable wear liners shall be provided for additional protection of the entire interior surface in the hopper in lieu of grade 304 Stainless Steel.
- Pricing should include listing for a cab jack as an option on the Bid Sheet. Cab jack will assist in raising the cab to prevent bodily damage (e.g. Back strain). *Ease of operability and safety is heavily looked upon.*

Safety Systems

- Backup alarm when transmission is placed in reverse, all sweep functions shall stop rotating and raise-up.
- Two (2) top-mounted **LED warning lights** shall be supplied with light protector. One (1) **LED warning light** to be mounted rear of unit and one (1) **LED warning light** to be mounted rear of cab, but not on cab itself.
- Two (2) flush mounted **LED warning lights** shall be installed in tailgate/bumper, bottom right and left hand corner.
- A back-up camera shall be mounted to rear of hopper with a color monitor mounted in cab to the dash to show Operator performance behind sweeper and for safety when backing up.

Paint

- Color of cab and sweeper to be "Highway Yellow" #13432 or manufacturer's standard safety or industrial yellow over a prime coat. (IF YOU HAVE ANY QUESTIONS REGARDING COLOR PLEASE CONTACT THIS OFFICE.)