

Stinar SLS-500PL Lavatory Service Truck:

Chassis:

- RAM 5500 Reg Cab Chassis 4x2 (168.5in WB) – Model Year 2023
- Dual rear wheels
- Oxford White Paint
- 4x2 drivetrain configuration
- 6.4L V8 Heavy Duty Hemi Engine
- 4.44 Axle Ratio
- PTO Prep
- 19.5 Argent Painted steel wheels
- Center High-Mounted Stop Lamp
- 6-spd Auto Aisin As66RC HD transmission
- 84in cab to axle
- 22gal (83 liter) mid-ship fuel tank
- Exterior Backup Alarm
- Engine Block Heater
- Tradesman Level 1 Equipment Group
- Rearview camera and prep kit
- Vinyl bench seat and floor trim 40/20/40 configuration (adjustable Driver)
- 225/70Rx19.5G FT A/P Tire
- Tow-Mode Digital Rear-View Mirror Package
- 5 year – 60,000 mile RAM powertrain warranty
- 5 year – 60,000 mile RAM roadside assistance

Waste Tank:

- 600 gallons (2271 Liter) waste tank capacity
- Tank and baffles constructed with 12-ga. (2.7 mm) stainless steel
- Waste tank sight window / magnifying lens
- Waste tank 20in (508 mm) stainless steel manhole
- Waste tank flushing system
- 12 ft. (3.65m) of 4in diameter (102 mm) waste hose with aircraft coupling
- Stainless steel hose storage pan located at rear of waste tank
- Choice of Dump System (Open or Closed)
- Subfloor frame mounted to the chassis frame.

Flush Tank:

- Minimum 200gal (757 Liter) flush water/rinse tank constructed of 12-ga. (2.7 mm) stainless steel.
- 110-volt Extreme Winterization Package: *Includes insulated water tank and pump compartment, a 1500-watt space heater, a 12V DC heater in the pump compartment, plumbing components wrapped in heat tape that are located outside the pump compartment*
- 500-watt immersion heater located in each flush water/rinse tank
- Centrifugal water pump design allows automatic pump and valve drain back to prevent spillage and freeze-up
- Flush water/rinse tank level gauge

- Flush water/rinse tank flow meter
- Low-level cut-off switch located in the flush water/rinse tank
- Flush water/rinse tank 20in (508 mm) stainless steel manholes
- Spring-loaded hose reel for flush rinse/water hose, 25 ft. of 1in (25.4mm) hose
- 100 lb. model Breakaway coupling for flush water/rinse hose. *Prevents damaging aircraft if truck should drive away from the aircraft without disconnecting hoses*
- 2in (51 mm) fill size
- 1.5in (38 mm) vent size
- 1in (25.4 mm) drain
- Tank sump, 6in x 6in x 12in (152.4 mm 304.8 mm)

Shroud:

- Shroud height, approximately 62in (1575mm)
- Overall shroud width, approximately 96in (2438mm)
- Shroud constructed with corrosion-resistant galvanized steel sheet
- Pump compartment floor constructed with stainless steel
- 4in “Lavatory Service” decals affixed to shroud
- Inner shroud walls and subframe protected with PPG Ameri-shield polyurethane coating.
- (2) Backup floodlights
- (4) Warning corner strobe lights

Rear Platform:

- Rubber bumpers located on rear platform
- Rear platform/bumper height, 24in (610mm)
- Grip strut decking (Non-slip surface)

Pedestal Lift:

- 30in x 40in (762mm x 1016mm) pedestal operators’ platform
- Pedestal lift raises to a height of 116in (2946mm)
- Lift capacity – 350lbs. (159kg)
- Electrical connection
- Controls

Safety Features:

- Back-up alarm
- Amber flashing beacon
- Red and amber reflective decals placed on base of shroud and platform
- Interlock switches prevent:
 - Engine from starting unless the transmission is in neutral.
 - The engagement of the hydraulic system unless the parking brake is applied
- 10lb. fire extinguisher mounted in the cab
- Weatherproof operations manual storage box – contains 1 set of Chassis Service, Parts, and Wiring manuals, and flash drive with a digital copy.
- Back-up camera. *Includes OEM Truck LCD, 2 camera inputs, front controls, flush panel mount, and rear view image automatically appears when reverse gear is selected. Includes one Night-Vue camera.*

- Photoelectric sensors. *Install two photoelectric sensors on the top of the shroud, one each on the passenger and driver side. The sensors detect distances up to 2 m (6.56 ft.). Both sensors are tied into a single audible alarm*
- One pair of orange sight wands mounted on the front bumper

Controls:

- Cab controls include:
 - Flashing amber warning light switch
 - PTO switch
- Rear Shroud Controls:
 - Water pump ON/OFF switch
 - EMERGENCY STOP switch
- Waste tank drain control located at left rear corner of truck
- Pedestal Control

Hydraulic System:

- Live drive PTO
- 12 VDC electric directional control valves
- Thirty-two gallon (121 liter) hydraulic tank
- High pressure filter, suction strainer
- Hydraulic motor driving water pump

Electrical System:

- 12 Volt DC system powered by truck batteries and engine alternator system
- Electrical distribution box located on rear shroud

Lighting:

- Adjustable Work lights with integral ON/OFF switches located in pump compartment and on rear shroud
- (2) Back-up flood lights
- Roof mounted LED Flashing Beacon

Paint:

- Protected by epoxy-based primer and two coats of polyurethane paint
- Standard paint scheme unless specified otherwise:
 - RAM – White
 - Shroud – White

Miscellaneous:

- Prop rods on pump compartment access doors
- Instructional placards
- All components equipped with grease fittings
- Three combined Stinar, LLC Operation, Parts and Maintenance manuals (2 Printed & 1 PDF digital version on USB drive)

Shipment:

- Shipment in ____ days after receipt of order and confirmation of payment. Shipment schedule subject to change based on production backlog at the time the order is received, quantity and options ordered, and on-time delivery of customer specified Ford commercial chassis.

Approximate Shipping Dimensions/Weight:

- Overall length 290in (7366 mm)
- Overall width 96in (2438 mm)
- Overall height 82in (2083 mm)
- *Dimensions confirmed prior to shipment*

Warranty:

- 36 months from shipment for the Stinar manufactured waste components. Stinar, LLC manufactures warranty covers all manufactured Stinar, LLC components. Purchased OEM parts are covered by OEM manufacturer's warranty.

Chassis warranty is based on OEM manufacturer warranty.

Commissioning, Inspection, and Training:

- Onsite In-depth product training performed at customers facility for new unit.
- Full PDI conducted prior to shipment: No charge for at factory review prior to shipment. Customer responsible for all applicable travel expenses.
- Onsite Post-Delivery Inspection done prior to customer training and conducted at time of equipment arrival.

Customer Requested Options:

Add – any desired options for final price quote

Payment Terms:

- Check or wire transfer.
- *50% down payment with order; Balance due prior to shipment*

To submit specification sheet for quotation, please sign, date, and return by email or fax (507-572-1201). Any questions, please call 507-572-2016.

Customer Signature _____ **Date** _____

Stinar Corporation _____ **Date** _____