

## Stinar SPW-500PL Potable Water 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 / with wheel simulators
- 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

### Water Tank:

- 700-gallon (2650 Liter) water tank
- Tank and baffles constructed with stainless steel.
- 1.5in (38mm) tank vent
- 3/4in (19mm) tank fill
- 2in (51mm) tank drain
- Level Gauge
- Low level cut-off switch
- Two (2) - 20in (508 mm) stainless steel manhole
- Spring rewind hose reel with 25 ft. (7.6m) of 1in (25mm) hose with 3/4 in (19mm connector)
- Breakaway coupling on water hose
  - *Prevents damage to aircraft if truck should drive away from aircraft without disconnection.*
- Backup auxiliary hand pump for water pump
- Subfloor frame mounted to the chassis frame.
- All fittings are stainless steel or low-lead brass
- **110-volt Winterization Package includes:**
  - *Insulated Water Tank and Pump Compartment*
  - *1500-watt space heater*
  - *12v DC heater in pump compartment*
  - *All plumbing components wrapped in heat tape that are located outside pump compartment.*
  - *1000-watt stainless steel immersion heater located in water tank*

### Shroud:

- Shroud height, approximately 62in (1575mm)
- Overall shroud width, approximately 96in (2438mm)
- Shroud constructed with corrosion resistant galvanized steel sheet
- 4in “Potable Water Service” decals affixed to shroud.
- Inner shroud walls protected with PPG Ameri-shield polyurethane coating
- Rear step platform and subframe powder coated for added durability

### Rear Platform:

- Rubber bumpers located on rear platform
- Rear platform/bumper height, 24in (610mm)
- Grip strut decking (non-slip surface)
- Cable step for access to platform
- Proximity Safety Sensors on Basket rails for collision avoidance

### Pedestal Lift:

- 30in x 40in (762mm x 1016mm) pedestal operators’ platform
- Pedestal lift raises to a height of 116in (2946mm)
- Lift capacity – 300lbs. (135kg)
- Basket – Safety Yellow
- Operational 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 park*
  - *Prevents engagement of hydraulic system unless parking brake is applied*
  - *Prevents truck from being driven unless pedestal is fully retracted to down position*
- 10 lb. fire extinguisher mounted in the cab.
- Weatherproof manual storage box – contains 1 set of Chassis Service, Parts and Wiring manuals and flash drive with digital copy.
- Back-up camera. *Includes 5.6in automotive grade LCD, 2 camera inputs, front controls, flush panel mount, rear view image automatically appears when reverse gear is selected. Includes one Night-Vue camera, metal mounting bracket and connector cable*
- Photo electric sensors. *Install two photo electric 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*
- 100lb model breakaway coupling for water hose, prevents damaging aircraft if truck should drive off with hose still connected.

## Controls:

- Cab controls include:
  - Flashing amber warning light switch
- Rear Shroud controls include:
  - Water pump ON/OFF switch
  - EMERGENCY STOP switch
- Pedestal controls include:
  - Raise/Lower switch
  - Water pump On/Off switch
  - Emergency STOP switch

## 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
- Roof mounted LED Flashing Beacon
- Ford Installed LED warning strobes – engagement switch on truck dash

## Paint:

- Protected by epoxy-based primer and two coats of polyurethane paint
- Standard paint scheme unless specified otherwise:
  - Ford Cab – Oxford White
  - Shroud – Oxford white
  - Pedestal – Oxford White
  - Platform – Black
  - Sub-frame - Black

## Miscellaneous:

- Instructional placards
- All components equipped with grease fittings
- Two combined Stinar, LLC Operation, Parts and Maintenance manuals (1 Printed & 1 PDF digital version on USB drive)
- Chock block holder/box and two rubber wheel chocks

### Shipment:

- Shipment in 60-90 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 and availability of chassis at time of purchase. Estimated production date right now: (based on receipt of order)

### Approximate Shipping Dimensions/Weight:

- Overall length: 301in (7645 mm)
- Overall width: 96in (2438 mm)
- Overall height: 83in (2108 mm)
- Weight: 11,000lb (4990kg) \*estimated\*

*Dimensions confirmed prior to shipment.*

### Warranty:

- Industry leading 36 months from shipment for the Stinar manufactured water components. Stinar, LLC manufactures warranty covers all manufactured Stinar, LLC components. Purchased OEM parts are covered by OEM manufacturers warranty.
- **Chassis warranty is based on OEM manufactures warranty.**

### Commissioning, Inspection, and Training:

- Onsite In-depth product training performed at customers facility for new unit.
- Full PDI conducted prior to shipment
- 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** \_\_\_\_\_