

***SSPH***

# ***Specifications***

## ***SSPH Slip In Pre-Mix Heater***

*Slip-In Style Pre-Mix Heater for heating, hauling, storing, and dispensing bituminous patching material for street and road repair.*



***Stepp Manufacturing Co. Inc.***

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# SSPH

**HOPPER:** Shall have a capacity of 4 cubic yards. Triple wall construction, inner hopper to be constructed of 10 gauge material. Air jacketed chamber to be constructed of 12 gauge material, and insulated with 2" of 1½# density hi-temperature fiberglass insulation. The purpose of the air jacket is to create a heating medium to transfer the heat to the product without any hotspots. Insulation cover to be 16 gauge. Hopper shall be covered with two (2) 16 gauge double wall insulated steel, hydraulically operated doors. Door operation will be controlled from rear curb side of unit. Doors shall open to form a funnel into the storage hopper. Material will be delivered to the rear of the unit by raising the dump box to the appropriate position. The material is dispensed onto a folding platform which allows dispensing onto a shovel platform or directly onto the repair site on the roadway. The discharge door to be hydraulically operated and controlled from the rear curb side of the unit also.

## **SHOVEL PLATFORM:**

Constructed of 7 gauge material, located under the discharge end of the hopper, shall folding to allow material to dispense onto the ground.



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## *Stepp's Slip-In-Style Pre-Mix Heater*

**SUB-FRAME:** Sub-frame shall be constructed of 2 x 8 rectangular steel tubing with solid round rollers and telescopic legs for loading and unloading onto vehicle. Front telescopic legs move up and down and will fold under the sub-frame for loading. Rear legs telescope up and down for loading and adjust for different heights of vehicle.



### **HYDRAULIC CONTROLS AND PIPING:**

Hydraulic controls shall be provided for the hopper doors, discharge door, and optional tack pump. The hydraulic valves will be located on rear curb side of unit. Valves to be a directional valve, with each section having pressure compensation suited for operation being performed. All hydraulic lines to be run in steel tubing with compression fittings.



**OUTSIDE INSULATION:** Unit shall be insulated with 2" of 1½# hi-temperature fiberglass insulation. Hopper shall be covered with insulation cover of 16 gauge material.

**PAINT:** All surfaces to be primed with red oxide and painted manufacturers highway orange unless otherwise specified.

**MANUALS:** Two (2) sets of shop and operational manuals will be furnished with each unit.

**WARRANTY:** One (1) year on parts and workmanship. Component parts manufacturers warranty prevails.



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## Available Options

### **STROBE LIGHTS/DOT3 LIGHTING/ ARROW BOARD:** (Optional)

Various configurations available to match your fleet.

### **WASH DOWN SYSTEM:** (Optional)

Wash down tank will be equipped with a 12 V.A.C. pump with application hose and wand for cleaning tools and hopper. (Separate from flush Tank)

### **HAND TORCH:** (Optional)

Unit will be equipped with a 200,000 BTU Hand Torch with shutoff valve and 15' of LP hose.

**HEATED TACK TANK:** (Optional) One hundred (100) gallon capacity tack tank constructed of 12 gauge steel with 8" fill cap, 2" molasses gate valve, 2½" diameter dial type thermometer with temperature range from 50° - 550° F. Tank to be insulated with 2" of fiberglass insulation and covered with 16 gauge steel cover. Tank will be heated by a 175,000 BTU diesel burner, firing into a flue running the full length of the tank and returning to a vertical stack. Tank to be located on the curb side of Pre-Mix hopper.

### **SHOVEL CLEANING COMPARTMENT:** (Optional)

Shovel cleaning compartment to be constructed of 12 gauge steel with 2" drain in bottom of compartment. Located on rear side of unit for ease of accessibility.



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