

Total Tank - Features

**Automated Emulsion Storage System  
The Key to an Efficient Road Repair System**

**Save Labor & Material Costs — Emulsion Mixture is Always Ready for your Road Repair Crew**

Finally, there is an Automated Emulsion Storage System that is specially designed for proper storage and handling of asphalt emulsions. The **Total Tank Emulsion Storage System** gently heats and agitates emulsions to preserve their performance and ease of application.

**Features Include**

- Agitator supported by 2" tapered roller
- Tank roof coated with rubberized sealant
- Single weatherproof NEMA 3R enclosure protects electrical system
- Entire tank insulated with 3-inch foil-backed high-density insulation with heat shield

**Standard System Features**

- **Timed Agitator** - supported by 2" tapered roller bearings
- **Emulsion Temperature Gauge**
- **Emulsion Quantity Measuring System**
- **Blanket Heaters** - six 1000w blanket heaters (220v) with thermostatic control
- **Enclosed Electrical Components** - protected within a single weatherproof NEMA 3R enclosure
- **Two Ball Valves** - two 3-inch ball valves for easier loading and unloading
- **Insulated Valves** - wrapped with 220v heat tape and protected by insulated aluminum cover
- **Carbon Steel Tank** - 1/4" carbon steel tank construction
- **Insulating Blanket** - three-inch high-density foil-backed insulation with heat shield around entire tank keeps emulsion temperature even
- **Large Loader Hose** - fast loading with 10-foot long 3-inch diameter loader hose
- **Inspection Hatch** - interior inspection hatch on top side of system
- **Safety Cage** - safety cage on top of system\*
- **Ladder** - complete with safety cage on top of system\*
- **Access Port** - 24-inch round access port at base of system
- **Heavy-Duty Steel Stand** - provides sturdy tank support system

- **Optimum Gravity Flow Loading** - valves are 5' 6" above ground surface for optimum gravity flow loading
- **Removal Access** - easy access for servicing heating blankets

### **Optional System Features**

- **Stand Heights** - various stand heights available for special applications
- **Heaters** - heaters available in variety of wattages
- **Extra Ball Valve** - extra 3-inch ball valve located at bottom of system

### **System Sizes**

- **3000 Gallon** - Insulated tank size 8' 6" x 8' 6"
- **4000 Gallon** - Insulated tank size 8' 6" x 11' 3"
- **5000 Gallon** - Insulated tank size 8' 6" x 13' 10"
- **6000 Gallon** - Insulated tank size 8' 6" x 16' 4"
- **Larger Tanks** - available upon request

### **Suggested System Foundation**

- **Foundation Construction** - completely flat concrete pad
- **Lag Plates** - flush with concrete; 1/2-inch thick steel; 14-inches square
- **Concrete Area** - 12 feet square outside diameter; 12-inches thick; 1/2-inch rebar on 1-foot centers
- **For more information** - for more information and pad schematics, contact Total Patcher or your local distributor

### **Customer Responsibilities**

- **Site Prep** - site and pad construction and preparation
- **Electrical** - final electrical hook-up of system
- **ADEM Requirements** - fulfillment of ADEM requirements
- **EPA Regulations** - fulfillment of EPA regulations