

Ray-Tech Infrared SR8000

4 Ton Capacity Storage Box

With the SR 8000, you can accomplish a better quality job at a smaller cost. With this piece of equipment, you can hold and store asphalt at the proper working temperature for 48 hours without damage.



SR8000 shown with Liquid Tank Option



SR8000TM (Truck Mount Configuration)

- Enables you to use asphalt when you want it, regardless of the season.
- Four Ton Capacity.
- All controls preset at factory.
- Eliminates cold patching method.
- Fuel efficient and thermostatically controlled.
- Options available.
- Made in the U.S.A.



Ray-Tech Infrared Corp.

Manufacturer of Infrared Road Maintenance Equipment

www.raytechinfrared.com • 1-800-884-2072

Ray-Tech Infrared SR 8000

At Ray-Tech Infrared Corporation, we take pride in building efficient road maintenance equipment.

Heating System

- **Energy Converters** – Two (2) 22,000 BTU ceramic faced Infrared type converters, secured in heating chamber. Independent thermostat control of each converter to more accurately control temperature of the asphalt.
- **Electronic Ignition** – Consisting of electronic module, flame sensing probe, and direct spark electrode.
- **Fuel** – 100% propane gas (vapor withdrawal). Two (2) 100 lb. cylinders (cylinders not included). Automatic switchover valve.
- **Tankholders** – Heavy duty hinged brackets hold cylinders.
- **Safety Controls** – 100% shutoff gas valve, controlled by electronic ignition module, with a direct spark electrode and flame-sensing probe automatically shuts down ignition and gas valve if no flame is present for 12 seconds. High-pressure gas hose with reusable fittings, regulator to reduce withdrawal pressure to 11" water column. External emergency shut-off valve.

Temperature Controls

- Holding time for plant mix is approximately 48 hours without damage to asphalt.
- Controls are located in a secured location behind lockable doors of unit to protect from tampering.
- Thermostats control the holding temperature automatically.

Construction

- **Chassis** – 5" x 3½" x ⅜" angle front boxed, 4" x 5.4 channel cross members. Heavy-duty nose plate with three (3) position holes.
- **Storage Bin** – Double wall to hold heated air to prevent heat loss from asphalt. 10 to 16 gauge steel double

and triple wall throughout. Hopper of 12 gauge steel for extra long life.

- **Insulation** – Inside of middle wall coated with 1250 degree aluminum paint to reflect infrared evenly around inner walls. Third wall around complete unit holds 2" rigid insulation.
- **Loading Doors** – Manually opened top doors form chute for loading asphalt. 12 and 16 gauge with 2" rigid insulation.
- **Shoveling Doors** – Two (2) vertical track doors, on rear of unit. Double action linkage with positive safety lock. Manual operation. Shear angle base for maximum positive cutoff. The shoveling deck is approximately 30" from ground level.
- **Spill-proof Container** – 12-gauge construction. 12-gallon capacity with bottom draw-off, for cleaning rakes and shovels.

Mounting

- **Type** – Dual axle trailer.
- **Axles** – 7000 lb. each.
- **Suspension** – Leaf spring tandem.
- **Wheels** – Steel, 3,530 lb. rating.
- **Tires** – Four (4) 9.5 x 16.5, 10 ply.
- **Brakes** – Electric on all wheels with breakaway switch.
- **Fenders** – 3/16" diamond plate.
- **Lights** – 12 volt system LED running, brake, signal and hazard lights.
- **Jack** – 10,000 lb. (Nose leveling)
- **Tow Ring** – 1⅝" steel ring with 3-inch I.D. (two safety chains included).

Dimensions

- **Length** – 14' - 2"
- **Width** – 7' - 3"
- **Width with top doors open** – 8' - 8"
- **Height** – 7' - 6"
- **Height with doors open** – 8' - 9"

Weight

- **Unladen weight** – 3,900 lbs.
- **Gross Weight** – 12,600 lbs.

Safety Features

- Externally mounted grab handles on each corner.

- Electrically operated breakaway switch.
- Locking front doors protect controls.
- Lockable propane tank valve cover.
- Amber reflectors (front & sides).
- Red reflectors (rear and sides).
- Safety lights (refer to "Lights").
- Safety controls (refer to "Heating system").
- Rope Pulls for ground level operation of loading doors.

Electrical System

- 12 Volt systems throughout with 12 volt deep cell storage battery. Charger mounted in unit with provisions for easy connection to 110-volt power supply.

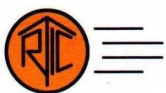
Lights

- Two (2) LED (Light Emitting Diode) *brake, running, directional and hazard* lights mounted at each top rear corner.
- Two (2) LED *brake, clearance and directional* lights at top rear center.
- License plate light.
- "Power ON" Indicator light.
- Male 7-Pole RV style truck connector.

Optional equipment

- 24" x 24" compactor platform/winch.
- 21-gallon liquid asphalt storage container, independently heated and thermostatically controlled, with 2-quart ladle.
- Surge hydraulic brakes.

Other Models available: SR 8000 TM, CM and CM/D (Truck Mount, Chassis Mount and Chassis Mount/Dump respectively). Also SR 12000 and SR 16000 (6 and 8 ton Dump).



Ray-Tech Infrared Corp.

Manufacturer of Infrared Road Maintenance Equipment

198 Springfield Rd. · P.O. Box 1119

Charlestown, NH 03603

PHONE 1-800-884-2072 FAX: 1-603-826-3447

www.raytechinfrared.com info@raytechinfrared.com