

Ray-Tech Infrared RC4000

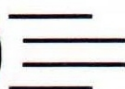
**The smallest of our trailer mounted
asphalt reclaimers!**

The RC4000 is a two ton trailer mounted reclaimer / hot box. With this piece of equipment, you can reclaim cold asphalt into a hot, workable material in just 12 hours!

This box will also hold new material at the proper working temperature for 48 hours without damage.



- Enables you to use asphalt when you want it, regardless of the season.
- All controls preset at factory.
- Dumping capability available.
 - Fuel efficient and thermostatically controlled.
 - Options available.



Ray-Tech Infrared Corp.

Manufacturer of Infrared Road Maintenance Equipment

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

At Ray-Tech Infrared we take pride in building the most efficient and user-friendly infrared road maintenance equipment available!

Heating System

- **Burners** – Two (2) 35,000 BTU Infrared burners located under reclaimer. Independent thermostat control of each burner to more accurately control temperature of 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 (both 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 hose with regulator to reduce withdrawal pressure to 11" water column. External emergency shut-off valve.

Temperature Controls

- Cold material placed in unit will be totally reclaimed in 12 to 14 hours.
- Skin temperature will not exceed 320 degrees while reclaiming.
- Controls will automatically reduce skin temperature to 300 degrees maximum after material has been reclaimed, allowing material to be held for an extended period of time (approximately 48 hours).
- Controls are located in a secured location behind lockable doors of unit to protect from tampering.
- A combination of sensing devices, thermostats and timers control the reclaiming and holding cycles automatically.

Construction

- **Chassis** – 5" x 3½" x 3/8" angle front boxed, 4" x 5.4 channel cross members. Heavy-duty nose plate with nine (9) 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.
- **Rinse Tank** – 12-gauge construction. 12-gallon capacity, with bottom draw off, for cleaning rakes and shovels.

Mounting

- **Type** – Dual axle trailer.
- **Axle** – Two (2) rated at 6000 lb. ea.
- **Suspension** – Torflex Tandem
- **Wheels** – Steel, 3,050 lb. rating.
- **Tires** – Four (4) R16 load range "E".
- **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** – 1½" steel ring with 3-inch I.D. (Two safety chains included)

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").

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.
- Indicator light for reclaiming.
- 7-Pole RV style truck connector.

Electrical System

12 Volt system throughout with 12 volt deep cell storage battery. Charger mounted in unit. Easy connection to 115 volt power supply for charging.

Dimensions

- **Length** – 11' - 8"
- **Width** – 7' - 2"
- **Width with top doors open** – 7' - 3"
- **Height** – 6' - 4"
- **Height with doors open** – 8' - 6"
- **Weight** – 4,300 lbs.
- **Gross Weight** – 9,500 lbs.

Available Options

- *Compactor Platform w/ Manual Winch*
- *Roller Cradle w/ 24V Winch*
- *Time Delay System*
- *Surge Hydraulic Brakes*
- *12 Volt Lighting (Set Of Two)*
- *Cold Patch Heating Controls*
- *Arrow Stik Safety LED Light Bar*
- *Hydraulic Dump*
- *Hydraulic Top Doors*
- *Hydraulic Shovel Doors*

Performance Specification:

Asphalt Reclaimer: The asphalt will reach a 270°F minimum average temperature after twelve hours of heating time.

Transport and reclaim asphalt at a working temperature to make year-round permanent patches!

Contact us today to learn more!