

Trailer Model Asphalt Reclaimer

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2, 3 or 4 Ton Trailer Model

ASPHALT HOTBOX RECLAIMER

RECYCLED HOT MIX
ANYWHERE,
ANYTIME
ANY TEMPERATURE



*May show Options

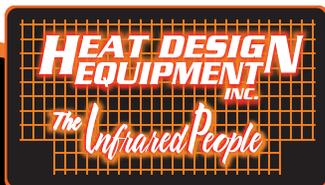


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The *HDE Asphalt Hotbox Reclaimer* is capable of both maintaining the temperature of virgin asphalt and re-heating cold material to workable temperatures. The HDE asphalt hotbox reclaimer can be used 365 days a year whether it is using material from the local asphalt plant or recycling left-over material to create hot patching material in the middle of winter. Re-heating left over material eliminates the need of disposal and can drastically reduce the amount of cold patch material needed to repair problem areas. The re-heating process can take 8-12 hours depending on the ambient temperatures and the amount of asphalt that is being heated. By the use of a digital temperature controller you are able to heat the asphalt safely until it is pliable and workable. The controller prevents any burning of the asphalt by turning the heaters off at a pre-set temperature (e.g. 300 °F.).

The HDE hotbox reclaimer will maintain proper working temperature of the asphalt for up to 48 hours. The hopper is heated by two infrared heaters. A PLC (*programmable logic controller*) monitors the hopper temperature and powers the hotbox to maintain the pre-set temperature. The automatic spark ignition has a built in safety that will automatically shut the gas off if there is a failure in ignition. The HDE infrared heaters allow for uniform heat without overheating the asphalt. Ventilation in the box allows the hot air to move evenly around the box while vents inside the hopper allow hot air from the heating chamber to heat the top portion of the asphalt in the hopper. The dual hopper allows for better heat distribution when being used as a hotbox and assists in the reclaiming of cold asphalt. The loading doors open to form a chute for easy loading of virgin hot mix at the plant. Unloading doors automatically lock in the up position to prevent accidental closing while removing the asphalt as well the sloped dual hoppers aid in removal of the hot mix.

The heat is fueled by one or more 100 pound vapor drawn LPG tank with a quick fill multi-valve. This eliminates the need to switch tanks and allows the operator to fill up at any propane depot. Our hotbox reclaimers can operate for up to 3 days before requiring a re-fill of propane (*dependent on hotbox size*).



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Controls

- PLC (programmable logic controller) mounted in a NEMA 4 rated enclosure is programmed to maintain 300°F - (lockable)
- Adjustable digital thermostat to maintain proper temperature of HOT asphalt & COLD mix
- Combination Hour/Volt battery meter
- LED lights to indicate operation & failure of the heating system
- Instructions are conveniently located inside the panel

Unloading Doors

- The double hopper allows for more efficient heat distribution & easy unloading
- Automatic safety locks



Loading Door Spring Assist



Rubber Torsion Axles



Fuel

- One 100lb vapor LPG tank with a quick fill multi-valve
- No need to switch tanks
- Allows the operator to fill up at any propane depot.



Regulator

- Adjustable regulator to control the temperature of the heaters.
- C.S.A. & C.G.A. approved propane regulator

Other Features & Benefits

- 12-volt 3-try electronic spark ignition with 100 % flame-out detection shut off.
- 12 Volt deep cycle battery with trickle charger
- Thermocoupler probe for accurate temperature measurement of the asphalt
- GROTE LED lighting & wiring harness
- Platform for holding tools, compactor and pylons
- Owners manual with safety instructions & parts list

*May show Options

Stainless Infrared Heaters

- Two Infrared heaters with patented design and serviceable cartridges providing 25,000 to 55,000 BTU's (depending on hotbox size)



Side Chute Asphalt Reclaimer

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2, 3 or 4 Ton Side Chute Model

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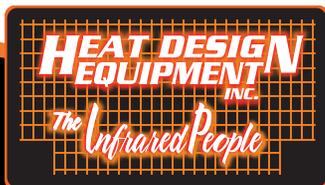


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The *HDE Asphalt Hotbox Reclaimer side chute model* is designed to be mounted on a truck deck. Out Hotbox reclaimers are capable of both maintaining the temperature of virgin asphalt and re-heating cold material to workable temperatures. The HDE asphalt hotbox reclaimer can be used 365 days a year whether it is using material from the local asphalt plant or recycling left-over material to create hot patching material in the middle of winter. Re-heating left over material eliminates the need of disposal and can drastically reduce the amount of cold patch material needed to repair problem areas. The re-heating process can take 8-12 hours depending on the ambient temperatures and the amount of asphalt that is being heated. By the use of a digital temperature controller you are able to heat the asphalt safely until it is pliable and workable. The controller prevents any burning of the asphalt by turning the heaters off at a pre-set temperature (e.g. 300 °F).

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**Loading
Door
Spring
Assist**



**Quick
Fill
Multi
Valve**

Unloading Doors

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*May show Options



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Other Features & Benefits

- 12-volt 3-try electronic spark ignition with 100 % flame-out detection shut off
- 12 Volt deep cycle battery with trickle charger
- Thermocoupler probe for accurate temperature measurement of the asphalt
- Owners manual with safety instructions & parts list
- 2 to 4 unloading doors dependent on Hotbox size
- 3 Optional mountings depending on your needs shown below



Deck Mount



Truck Mount



Skid Mount