

HDE



HDE
ASPHALT
MAINTENANCE VEHICLE



RECYCLED HOT MIX
ANYWHERE,
ANYTIME
ANY TEMPERATURE



*May show Options

The HDE asphalt maintenance vehicle is a turnkey infrared asphalt repair machine that will heat up and soften a localized area of the surface course asphalt. This allows the area to be re-worked and compacted repairing any surface deterioration. The highly efficient infrared heaters can soften the top 2.5" of asphalt to the original mixing temperatures in 5 to 10 minutes without burning the asphalt.

Potholes, surface cracks, bad joints, bird baths, catch basins, and manholes can be economically repaired with minimal time expended and minor traffic re-routing throughout the year. The HDE asphalt heaters have also proven well for pre-heating of the asphalt for cold weather paving.

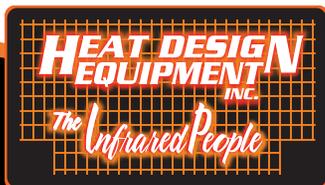
The unit is available in three different heating sizes and up to 5 standard reclaimer designs.

RECLAIMER MODELS

- 2.3 ton reclaimer
- 3.3 ton reclaimer
- 4.5 ton reclaimer
- 6 ton reclaimer
- 4-6 ton auger unit

HEATER MODELS

- 8' x 6'6" (52 Square feet)
- 12" x 6'6" (79 Square feet)
- 15" x 6'6" (99 Square feet)



ASPHALT MAINTENANCE TRAILER

HDE 750 2TMT



FULL HYDRAULICS

The heater deck raises and lowers hydraulically by two 4" cylinders that are controlled from either side of the truck. A built in safety (Velocity Fuse) allows for the heater deck to lower slowly in case of a hose rupture.



RECLAIMER

The HDE hotbox reclaimer will maintain proper working temperature of the asphalt for up to 48 hours. The hopper is heated by two 25,000 BTU infrared heaters. A digital PLC temperature controller monitors the hopper and powers the ignition system required to keep the material pliable. The automatic spark ignition has a built in safety that will automatically shut the gas off if the flame goes out.



QUICK ATTACHMENT

The HDE heating deck is built with a quick attachment system; this allows the heating unit to be removed from the truck in less than 10 minutes.



VAPOURIZER

The C.G.A approved vaporizer converts the liquid propane to vapor gas. Unlike conventional vapour heating system, a liquid system will not freeze up and can operate on 1 propane tank at a time at temperatures of -15°F (-25°C). Operating on liquid propane allows the truck to carry fewer tanks and allows you to empty a tank completely.



ADJUSTABLE TEMPERATURE

HDE's heaters are capable of running at pressures from 5 PSI up to 40 PSI. HDE's unique High/Low system allows the operator to heat the patch with higher temperature for the first 5 minutes followed by 5 minutes of low heat. This enables the operator to reduce the fuel usage while the heat is penetrating deeper into the already heated patch.



PATENTED CARTRIDGE SYSTEM

HDE's replaceable ceramic cartridge allows for easy replacement of the heating element. Typical cartridge life is about 1,500 hours and can be changed in less than 20 minutes. This patented design prevents the heat from transferring to the heater plenum (top), thus extending the life of the heater.

