

# Mini Infrared Asphalt Heaters

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MINI

## INFRARED ASPHALT Heater

The *HDE Mini Infrared Asphalt Heaters* will heat up and soften a localized area of the surface course asphalt so that it can be re-worked and compacted to eliminate the surface deterioration. The highly efficient infrared heaters can soften the asphalt to original mixing temperatures in 5 to 10 minutes, making repair of an asphalt surface effective and economical.

Potholes, surface cracks, bad joints, segregation, bird baths, catch basins, and manholes can economically be repaired with minimal time expended and minor traffic re-routing throughout the year.

The *HDE P200 & P400-UT* are designed to be used as an infrared patcher and they can also change into a lineal crack/seam heater. Each heater is a separate heat zone controlled by a C.S.A. approved gas ball valve. The venturi design uses the pressurized gas from vapor withdrawal LPG cylinders and mixes it with air to create a mixture which, when ignited behind the ceramic cloth heats the surface of the cloth to high infrared emission temperatures 1400 - 1500°F (760 - 815°C). This feature eliminates the need for any batteries or blowers. The adjustable regulator allows the operator to control the amount of heat required to heat the asphalt. If the pavement is older, lighter, or coarser, the operator can turn the pressure up to allow for more heat penetration. After 5 minutes of high heat (25 - 45 PSI) the operator can turn the pressure to low heat (15 - 25 PSI), which allows the heat to soak deeper into the surface while eliminating any scorching of the asphalt. The steel caster wheels allow for easy maneuverability on any type of paved surface by pushing or pulling.

Our largest mini heater the HDE P400-UT can be attached to any 3-Point hitch tractor or small skid steer tractor.

**R202**  
Heating Area  
24" X 24"

**P100 Heating Area**  
19 3/4" X 51 1/8"

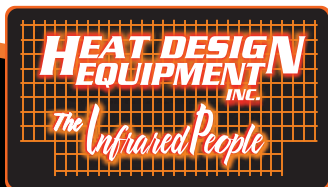
**P200 Heating Area**  
48" X 36" or 96" X 18"

**P400-UT**  
Heating Area  
72" X 48" or 36" X 96"

\*May show Options



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**P150 Heating Area**  
38" X 39 1/8"

**P300 Heating Area**  
36" X 72"



MODEL SHOWN HDE P300  
\*May show Options



## Regulator

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



## HDE P200 & 400-UT Hinge Plate

- Hinge system allows heater to convert to a lineal crack/seam heater.



## Lifting Handles

- Lifting handles for lifting onto a truck or trailer.



## HDE P100, P150 & P200 T Handles

- Removable T handles for better maneuverability on any paved surface.
- P200 Removable T handlee also acts like a jack to assist with caster placement

## Casters

- Heavy duty cast iron caster with grease fitting.
- Two wheels are equipped with roll lock brake kits.
- Wheels can rotate from front to side to maneuver around objects. (not all models)



## Patented Cartridge System

- Easily replaceable HDE cartridge with bolt & nut attachment.
- Typical cartridge life is approximately 1500 hours.