

REHEAT & REPAIR



Asphalt Reheat Systems, LLC is an innovative company that is dedicated to helping you and your business become more successful with the use of our patented asphalt heating technology.

David R. Strassman, owner of A.R.S., has been in the paving industry for over 35 years. The original heaters that he developed years ago were created for reheating pavement in asphalt stamping applications. Since the original units were designed his product line has grown to serve all areas of the asphalt industry, especially with reheat repairs. Explained below is the general process that should get you started on any troubled area which can be repaired through the reheating method.

Manufacturers Contact Info:

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CLEAN

The area to be repaired should be brushed or blown clean, removing all loose aggregate, sand or water. These items will act as an insulator and not let the heat penetrate the surface evenly. Once cleaned, make sure that your ARS heater is properly set up, with appropriate cords, hoses and propane tank. (Refer to owners manual for set up questions.) Center the heater over the troubled area and protect any flammable objects that are near by.



HEAT

The heater will automatically turn on and off with the timer control switch. Setting the timer for 3-5 minutes should bring the surface temperature to 325 degrees, which is ideal for a repair project. This time frame is average, your specific repair may take longer in some cases or even shorter in others. There is a direct relationship between the time it takes to heat and the age of the asphalt surface.



SCRAPE

Simply roll the unit off to the side and check surface; if it's not pliable just reheat section until so. Under most circumstances the surface should be removable in under five minutes of heating. Using an asphalt rake or lute, scrape the surface and remove any defective asphalt from the area until a suitable depth is reached. A second heat after removing material may be needed on deeper repairs. A rejuvenating agent may be added right before adding fresh material.



ADD & SMOOTH

Most repairs will need more material added to the troubled area in order to make a quality patch that is smooth and level. Add an appropriate amount of fresh asphalt. Hot mix asphalt with smaller stones is best but not necessary with your ARS heater. If fresh hardened material is used, break it up as small as possible and spread it out to fill the repair area. After enough (hard) fresh material is evenly spread out to the best it can, place the heater over the patch again and turn on for 1 minute. Making sure to soften up all of the new material but not scorch the previously warm mix.



Smooth the asphalt using a rake or lute by leveling the surface, removing any large aggregate and blend all seams between new and old surfaces. Broom away excess material from surrounding area.



COMPACT

Once the fresh material is positioned and ready to be compacted, make sure it is still hot. You may need to place the heater over the section briefly if the prep takes too long on cold days. If is still hot, then hit the area with an appropriately sized plate compactor or roller while using a little water to prevent asphalt from sticking. You should be left with a nice looking seamless repair.



**DRAINAGE REPAIR - OIL SPOTS - POT HOLES - ALLIGATOR AREA
HIGH SPOTS - UTILITY PATCHES - COSMETIC REPAIRS - LOW SPOTS
TIRE INDENTATIONS - UGLY JOINTS - BIRD BATHS - SURFACE CRACKING**

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