



## Infrared Asphalt Recyclers

### KM2-18X



The lightweight KM2-18X is easily moved to service areas previously inaccessible. The fully self contained infrared unit is a workhorse and will provide many hours of repairs using two 30 pound cylinders of propane.

The KM2-18X offers the operator an option to use either a single 3'-6" x 3'-3" zone or dual 3'-6" x 6'-6" zones totaling 22.75 square feet of infrared heat. This unit also works well for thermoplastic template applications.

#### KM2-18X Specifications

Dimensions:	3'-6" x 6'-6" x 43" high
Heating Element:	Infrared radiant; 1" ceramic blanket
Fuel:	Propane
Heating Zones:	Two (2) 3'-6" x 3'-3"
Zone Controls:	On/Off switch with automatic cycling
Propane Supply:	2 - 30lb cylinder and removable rack, with 35' hose (included)
Propane Consumption:	12 pounds per hour
BTU:	300,000
Blower:	12 Volt DC powered
Battery:	12 Volt DC marine gel (included)

- The lightweight portable KM2-18X is perfect for small pothole repairs, emergency repairs, bird bath repairs, joint repairs, thermal plastic templates and more.
- Utilizing the same patented heat source as the popular KM 4-40 and KM 4-48, the KM 2-18X and Lineal Recyclers are an option in size and dimension for asphalt recycling.
- Teamed with a KM hotbox/reclaimer, make asphalt repairs year round.



## Why Infrared

The versatility that infrared equipment offers when repairing failed asphalt pavement provides any maintenance crew with a quick and convenient solution for reoccurring problems like potholes, utility cuts and manhole repairs.

Our infrared in place asphalt recyclers offer a cost effective method for asphalt repairs. The infrared repair process provides a seamless repair that cost less. Repairs are completed faster than traditional methods and outperform other heating technologies. For example the "Saw cut, Remove and Replace" method involves more time (approximately twice as much), equipment and manpower to complete basic asphalt repairs while leaving the customer with a "cold" seam around the perimeter of the repair. The seam is the weak point and is very susceptible to damage from water seepage and "freeze thaw".

The infrared asphalt recycler heats the existing asphalt in and around the area of repair to over 300 degrees Fahrenheit; the same temperature as new asphalt when it comes fresh from the plant. At this heated temperature the softened asphalt can be re-worked. Once heated, a rejuvenation agent is mixed into the scarified asphalt to bring back the qualities of the old asphalt. Recycled or new asphalt may be added to bring a repair area up to grade, if needed, before compaction. The results from the infrared repair are a permanent and attractive repair that has recycled the existing asphalt. Considering the ever increasing price of asphalt and paying to dispose of old asphalt, this is becoming the preferred "GREEN" alternative.

This process is intended for surface repair of existing localized pavement distresses due to normal use. If the pavement distress is caused by inadequate pavement thickness, weak sub-grade, poor quality of materials in adjacent areas and/or improper drainage of the pavement, the expected service life of the repair may be affected.

### **Recycle**

Why waste perfectly good asphalt?

### **Permanent Repair**

Seamless welded edges. No saw cut joints to allow water seepage to deteriorate repair.

### **Cost Efficient**

Little new asphalt required. No unnecessary equipment, less manpower per repair. The savings can be passed on to the customer.

### **Time Saving**

Eliminate saw cutting, jack hammering, loading, trucking and disposal. There is only one trip to the job-site. No hole left in the parking lot waiting for mishaps.

### **Typical Uses**

Trip hazards, paving seams, isolated failures, catch basins, manhole repairs, bird baths, potholes, utility cuts, decorative imprints and thermoplastic markings.



Just a few examples where to use your KM Infrared Asphalt Recycler!



- Prior to structural damage occurring at a catch basin a KM Infrared Asphalt Recycler will correct water drainage. ***Average Infrared charge per catch basin \$300.00!***



- High spots & Low spots..... You can't really make water run up hill but, pavers around the world have benefited from using a KM Infrared to help resolve many of their imperfections. ***The Infrared can pay for itself in just one job! Priceless.***



- Potholes, Wheel Marks, Trip Hazards are a Property owners nightmare. A contractor who owns a KM Infrared Asphalt Recycler these are their GOLD NUGGETS. ***Contractors can easily make \$50,000 a month with a KM Infrared and Hotbox.***



- Sealcoaters who are faced with the oil spots in parking lots have found the ideal oil spot remover – a KM Infrared. Simply heat and remove the oil saturated asphalt with the Infrared and replace with new hot mix from a KM Hotbox. No saw cutting, no removing and no saw joint left to crack fill. ***Average oil spot fixed with a KM Infrared \$200. Average oil spots in a Bank parking lot 15, That's \$3,000 per Bank parking lot!***



- Utility cuts are a full time job for many asphalt contractors. Power, gas companies and DPW's are using Contractors who own Infrareds to resolve sunken utility joints- an easy repair for a KM Infrared, Hotbox, truck and 2 men. ***The profits can easily EXCEED \$50,000 a month.***
- Thermoplastic installation is being specified all over the world from local city cross walks, Interstate Highway and Toll roads and even Airport markings. With a KM Infrared in your equipment line up you'll be ready for those HIGHLY PROFITABLE jobs. ***Are you ready to make anywhere from \$2,000 to \$150,000 per job? Let KM International help you.***