



MADE IN USA



**INFRARED HEATERS
HOTBOX/RECLAIMERS
ASPHALT RECYCLER
CRACK MAINTENANCE**

PRODUCT CATALOG





The Choice of Asphalt Professionals Worldwide

KM International manufactures the highest quality asphalt maintenance equipment on the market. **Our equipment is designed for its efficient use by both contractors and government agencies.** It is the profitable alternative for pavers, property managers and weekend warriors.

KM International has been in the asphalt maintenance and repair business for almost thirty years and throughout our long history, KM International has acquired and developed a number of strengths that has fostered its worldwide reputation in the asphalt industry as the "Gold" and "Green" standards. We are the preeminent authority on the "infrared process" of in-place asphalt recycle and repair. We don't just sell our customers equipment, we offer expertise and the peace of mind that only comes from experience and old-fashioned honesty.

We have an ongoing industry standard of quality and excellence that continually exceeds our customers' expectations in all of our product offerings. Our commitment to the design and manufacture of the highest quality asphalt maintenance equipment on the market is not just a "quote on the wall" but rather the driving force for the entire KM International Team.

This catalog describes the full line of KM International's asphalt maintenance and recycling equipment, along with informative real world profit scenarios. We hope that the information provided helps answer many of the questions that you may have regarding our equipment, and encourage you to go to our website for additional information at www.kminternational.com. Please feel free to contact our Sales Team directly at any time for additional information or a list of our Regional and Worldwide Distributors.

Demonstration videos are available online at www.kminternational.com or may be obtained by contacting the Sales Team at sales@kminternational.com or **1-800-492-1757**. We encourage all of our customers to request a live demonstration of our equipment and look forward to any competitor equipment comparisons.

Thank you for your interest in KM International.

KM INTERNATIONAL
North Branch, Michigan USA



KM T-2



KM 4-40



KM 8000T



***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. To a contractor who owns a KM Infrared Asphalt Recycler these are their GOLD NUGGETS. Contractors can 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 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.

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 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, 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 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 jobsite. 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.



KM 4-48 6'x8' Infrared Asphalt Heater

Heavy Duty Cycled Heat

This machine gives the user the extra capacity to make larger more efficient patches to better repair bird baths, catch basins, pot holes, oil spots and trip hazards and can be used to repair large areas by sequentially moving the KM 4-48 over the damaged area.

Extra size for added versatility and larger repairs

Four independent heating zones to isolate a particular area or conserve fuel

The KM4-48 is the perfect tool for thermo plastic installation and asphalt printing

Open for operation - Closed for transport

KM 4-48 Specifications

Type:	Infrared asphalt recycler; folding trailer
Heating element:	Infrared radiant; 1" (2.54 cm) ceramic blanket
Fuel:	Propane; Three (3) 30 lb. cylinders
Consumption:	Continuous heating-30 lbs. per hour
Heating dimensions:	6' L x 8' W
Transit dimensions:	8' 4" L x 7' 6" W
Heating zones:	Two (2) 2' x 4' zones, two (2) 4' x 4' zones
Zone controls:	Manual ON/OFF valves w/ switched electronic cycling
BTU total output:	840,000 BTU
Pilot:	Automatic, electric ignition
Blower:	12 Volt DC powered
Battery:	12 Volt, deep cycle marine gel
Castors:	4 pivoting and swivel; 6" steel
Suspension:	Leaf spring
Tires:	4.80 - 8" 2 ply
Lights:	Running/brake/directional
Weight:	860 lbs. (with full propane tanks)

Specifications subject to change without notice



KM 4-48



^ Before v After





KM 4-40



KM 4-40 5'x8' Infrared Asphalt Heater

The performance of this versatile workhorse is unmatched. Equipped with four independent heating zones which can isolate the area to be repaired without softening areas where repair is not necessary.

Our heating surface radiates a very high yield of Infrared energy per amount of propane extended.

Open for operation - Closed for transport

KM 4-40 Specifications

Type:	Infrared asphalt recycler; folding trailer
Heating element:	Infrared radiant; 1" (2.54 cm) ceramic blanket
Fuel:	Propane; three (3) 30 lb. cylinders
Consumption:	Continuous heating-25 lbs. per hour
Heating dimensions:	5' L x 8' W
Transit dimensions:	8'4" L x 6'6" W
Heating Zones:	Two (2) 2' x 4' zones, two (2) 3' x 4' zones
Zone controls:	Manual ON/OFF valves w/ switched electronic cycling
BTU output:	700,000 (total of all zones)
Pilot:	Automatic, electronic ignition
Blower:	12 Volt DC powered
Battery:	12 Volt, deep cycle marine gel
Castors:	4 Pivoting and swivel; 6" steel
Suspension:	Leaf spring
Tires:	4.80 - 8" 2 ply
Lights:	Running/brake/directional
Weight:	810 lbs. (with full propane tanks)

Specifications subject to change without notice



KM 2-18X 3'6" x 6'6"

Infrared Asphalt Heater

Pavers Solutions

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. This is the perfect machine for new pavement fixes and utility cut repairs.

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.

Used for:

- Pavers
- Cold Seams
- Rough Spots
- Bird Bath Repairs
- Roller Marks

KM 2-18X Specifications

Type:	Infrared asphalt recycler
Heating Element:	Infrared radiant, 1" (254 cm) ceramic blanket
Fuel:	Propane; two (2), 30 lb cylinders
Consumption:	Cycled heating-12 lbs. per hour
Heating dimensions:	3' 6" W x 6' 6" L
Transit dimensions:	4' 10" W x 6' 6" L x 44" H , includes casters
Heating zones:	Two (2) independent, each 3' 6" (106 cm) x 3' 3" (99 cm)
Zone Controls:	Manual ON/OFF valves w/ switched electronic cycling
BTU output:	300,000 BTU
Pilot:	Automatic, electronic ignition
Blower:	12 Volt DC powered
Battery:	12 Volt, deep cycle marine gel
Castors:	4 pivoting and swivel; 4" steel
Weight:	410 lb (185 kg)

Specifications subject to change without notice



KM 2-18X





LB 2-16 4'x4' Portable Infrared Asphalt Heater

Great entry level unit...

This 4' x 4' unit offers a single operator two independent zones and 16 sq. ft. of infrared powered performance. The heating times of this unit consistently out perform any other comparable unit on the market.

The fully self-contained unit has a unique **folding design** that makes it easy for transport and even easier to use.

Used for:

- Seal Coaters
- Oil Spots
- Bird Baths
- Trip Hazzards
- Emergency Repairs

LB 2-16



LB 2-16 Specifications

Type:	Infrared asphalt recycler
Heating element:	Infrared radiant; 1" ceramic blanket
Fuel:	Propane; two (2) 30 lb. cylinders
Consumption:	Continuous heating-12 lbs. per hour
Heating Dimensions:	4' L x 4' W
Transit dimensions:	30" L x 49" W x 58" H
Heating zones:	Two (2) 2' x 4' zones
Zone controls:	Manual ON/OFF valves w/ switched electronic cycling
Total BTU output:	225,000 BTU
Pilot:	Automatic, electric ignition
Blower:	12 Volt DC powered
Battery:	12 Volt, deep cycle marine gel
Weight:	Total: 275 lbs. (124 kg.) Infrared Panel: 98 lbs. (44 kg.)

Specifications subject to change without notice



Asphalt Repair Using Infrared Recycling Equipment

Thermoplastic Template Application

Once the bituminous surface has been softened the process of repairing, decorating, adhering thermoplastics, or otherwise manipulating the pavement in a quality manner is considered craftsmanship. It is imperative that the operator and/or service crew be properly trained in the fundamentals of in-place reheating asphalt and asphalt repair. Much like a quality asphalt paving operator gains knowledge by experience, a quality asphalt repair technician improves craftsmanship with experience. Hands-on operation in a variety of settings will best train personnel in the craft.

On the following page is a “basic” step by step fundamental process for in-place asphalt repair using an Infrared Asphalt Recycler and Asphalt hotbox Reclaimer.

Every repair requires on site evaluation and proper techniques. The infrared asphalt recycler is a tool that provides the means to service asphalt in a variety of settings including:

- Pothole repair
- Paving imperfections
- Oil spot removal
- Water drainage
- Speed-bump installation
- Thermoplastic installation
- Traip hazard repair
- Utility joint maintenance
- High iron (raised drain covers or man holes)



Infrared Repair process



1. Clean the area to be repaired. Remove all dirt, foreign debris, standing water and loose aggregate.
2. Position the infrared unit over the area to be repaired. Maintain a minimum 3" perimeter larger than the actual repair.
3. Allow the infrared heating unit to properly soften the pavement to a depth of 1.5" - 2.5". (Aprox. time 7-10 minutes.)
4. Move the heating unit off of the repair area. Reposition for the next repair when necessary.
5. Scarify (rake) the entire minimum heated depth of the repair area. Note: Frame edges first for an attractive repair.
6. Optional: Remove material if necessary (high spots). Remove contaminated material.
7. Rejuvenate the heated and unscarified edges (.12 gal/sq).
8. Add new asphalt as required per job conditions.
9. Lute the repair area level. Typical practice leaves the repair area 1/4" above surrounding grade before compaction.
10. Compact the repair.
11. Apply maltenes rejuvenator (.12 gal/sq yd) over the entire repair area. Apply stone dust and compact or broom the area.
12. Clean up repair area and surrounding area.
13. Open repair to straight drive over traffic traffic. Allow sufficient cool down where vehicle stopping or turning is present.



KM 4000SXPX Asphalt Hot Box Reclaimers

KM4000 2-Ton Skid Mount Asphalt Hot Box

The KM 4000 2-ton Hotbox is designed to slide into any pick-up truck*.

Thermostatically controlled heat allows minimum propane consumption while keeping asphalt at working temperature for up to 3 days.

Reclaim virgin asphalt within 8 to 10 hours, material is ready for use .

- Teamed with the KM Infrared and Asphalt Recyclers, KM Hotbox Reclaimers offer permanent asphalt repairs year-round.
- No longer do you need to discard virgin asphalt.
- Door opens with gas shock assistance, requiring less than 15 pounds of pressure.
- All units available in Propane or Diesel.
(Diesel box will not fit into pick-up trucks.)

KM 4000SXPX Specifications

Dimensions:	54" L x 72" W x 44" H
Capacity:	4,000 lbs. of asphalt
Heating element:	58,000 BTU propane burner 105,000 BTU optional diesel burner
Thermostat:	100 - 350° F
Pilot:	Electric ignition with full shut down safety capability
Filling door:	Entire insulated lid opens for easy filling
Shovel port:	Sliding door opens allowing asphalt to be shoveled. Slanted walls in box funnel contents. 17"W x 17"H
Insulation:	2" - 3" of high efficiency fiberglass insulation plus reflective metal lines the entire box for heating economy
Construction:	All welded steel; 16 gauge skin, 20 gauge top and 14 gauge asphalt compartment
Weight:	820 lbs.

Specifications subject to change without notice
*verify load capability of truck.



KM 4000





KM 8000



KM 8000SXPX Asphalt Hot Box Reclaimers

KM8000 4-Ton Skid Mount Asphalt Hot Box

The KM 8000 4-ton Hotbox is designed to fit on the back of a flat bed truck or trailer.

Thermostatically controlled heat allows minimum propane consumption while keeping asphalt at working temperature for up to 3 days.

Reclaim virgin asphalt within 8 to 10 hours, material is ready for use.

- Teamed with the KM Infrared and Asphalt Recyclers, KM Hotbox Reclaimers offer permanent asphalt repairs year-round.
- Extend the working seasons with KM repair equipment.
- No longer do you need to discard virgin asphalt.
- Cantilever doors open with gas shock assistance, requiring less than 15 pounds of pressure.
- All units available in Propane or Diesel. (Diesel box will not fit into pick-up trucks.)

KM 8000SXPX Specifications

Dimensions:	64" L x 72" W x 54" H
Capacity:	8,000 lbs. of asphalt
Heating element:	60,000 BTU propane burner 105,000 BTU optional diesel burner
Thermostat:	100 - 350° F
Pilot:	Electric ignition with full shut down safety capacity
Filling door:	2 insulated lids open for easy loading
Shovel ports:	2 sliding doors open allowing asphalt to be shoveled. Slanted walls in box funnel contents. Two (2) @ 17" W x 21" H
Insulation:	2" - 3" of high efficiency fiberglass insulation plus reflective metal lines the entire box for heating economy
Construction:	All welded steel; 16 gauge skin, 20 gauge top and 12 gauge asphalt compartment
Weight:	1,400 lbs.

Specifications subject to change without notice



KM 4000T 2-Ton Trailer Mounted Asphalt Hot Boxes

Two ton asphalt capacity trailer unit. Asphalt hotbox reclaimer allows asphalt to be maintained at working temperature for up to 3 days.

Insulated, gravity feed shovel port

Dual shovel/took rack. Automatic LP changeover regulator . Thermostatically controlled heat with 100% safety shut down.

Reclaimer: When new asphalt is unavailable, stockpiled or used material can be used. Within 12 hours the hard, cold chunked asphalt is reclaimed to hot mix.

KM 4000T Specifications

Capacity of asphalt:	4,000 lbs. of material
Heating element:	58,000 BTU propane <i>105,000 BTU optional diesel burner</i>
Fuel supply:	Two (2) 30 lb. cylinders 25 gallon fuel tank with #2 diesel fuel (option)
Pilot:	Electronic fuel ignition with 100% safety shut down capability
Filling door:	Single high temperature insulated lid with adjustable lock down latches for secure loads. Includes gas spring open assist, single cantilever opening handle
Shovel port:	Single insulated door on sliding track, 17" W x 17" H
Dimensions:	156" L x 96" W x 70" H
Construction:	All welded steel, triple welded construction 16 gauge skin, 12 gauge asphalt compartment
Capacity (trailer):	7,000 lbs. GVWR
Axle:	Single 7,000 lb. TORFLEX, standard electric brakes
Tires and wheels:	3,520 lbs. LR E (each)
Weight:	2,180 lbs. (including optional tack tank, solvent tank and torch)

Specifications subject to change without notice



KM 4000T





Diesel unit shown with on-board KM 2-18X infrared, hydraulic dump and other options.

KM 8000T



KM 8000T 4-Ton Trailer Mounted Asphalt Hot Boxes

Extend working seasons with KM repair equipment. The KM 8000T allows work when plants are closed.

No longer do you need to discard old asphalt.

Cold patch works well if asphalt is not available.

Just stockpile and reclaim with the KM Asphalt Hot Box Reclaimer.

- Burners and key components are mounted above frame protected from weather.
- Cantilever doors open with gas shock assistance, creating less than 15 pounds of pressure to open.

KM 8000T Specifications

Capacity of Asphalt:	8,000 lbs. of material
Heating Element:	60,000 BTU propane 105,000 BTU #2 fuel oil (option)
Fuel Supply:	Two (2) 30 lb. cylinders
Pilot:	Electronic fuel ignition with 100% safety shut down capability
Filling Door:	Two insulated lids with cantilevered shock assist that takes only 15 pounds of pressure to open
Shovel Doors:	Two insulated sliding track design, 17" W x 21" H. Slanted walls funnel contents toward the shovel ports
Dimensions:	174" L x 96" W x 78" H
Capacity (Trailer):	14,000 lbs. GVWR
Construction:	All welded steel, triple welded construction 16 gauge skin, 12 gauge asphalt compartment
Axles:	Dual 7,000 lb. axle leaf spring, Electric Brakes
Tires and Wheels:	3,520 lbs. LR E (each)
Weight:	4,450 lbs. (with options)

Specifications subject to change without notice



KM T-2 Asphalt Recycler

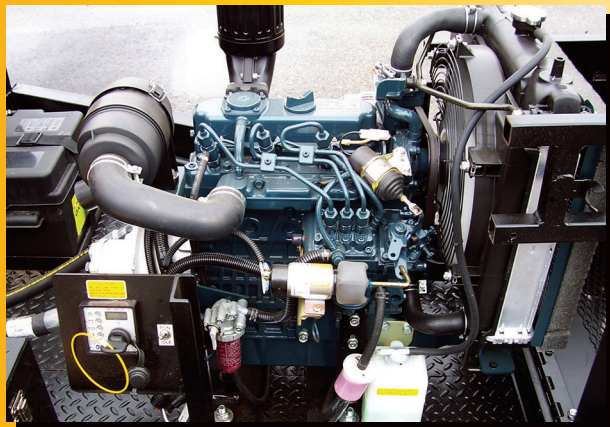
The KM International Asphalt Recycler will produce a quality batch (2,600 lbs. every 20 minutes) of asphalt from recycled pulverized asphalt, millings, or sawcut materials to produce a patching material that will meet Department of Transportation asphalt specifications and standards.

Recycle asphalt millings or chunks

Currently the cost of cold patch asphalt material, even after being put to bid, can run \$110.00 per ton, or higher. The cost of hot mix asphalt, if available, is around \$75.00 to \$80.00 per ton with prices expected to continually go up in the coming years.

KM T2 Asphalt Recycler can produce:

- (4) tons per hour using either broken, chunk, or milled asphalt
- Asphalt at \$15.00 to \$20.00 per ton.
- Using reclaimed asphalt and used asphalt shingles is not just "Green" but also SMART
- The savings to your budget is immediate!
- Perfectly customize your asphalt blend by adding more or less asphalt shingles or asphalt cement to every load.



KM T-2

Asphalt from recycled pulverized asphalt, millings, or sawcut materials...

Asphalt and used asphalt shingles is not just "Green" but also SMART





KM T-2 Asphalt Recycler Specifications

Trailer Specifications

Length:	23' - 10"
Width:	8' - 0"
Height:	7' - 6"
Weight (net):	8650 lbs.
Top load opening:	26" x 94"
Construction:	3/16" AR 235 steel, wear resistant
Actuators:	(2) hydraulic cylinders, 2" x 16"

Asphalt Heating Drum Specifications

Construction:	3/16" steel
Agitators:	Eight (8), 3/16" steel, 450 brinell hardened
Rotation:	Hydraulic, reversible, approx. 8 rpm, fixed

Hydraulics

Reservoir (capacity):	22 gallon
Pump (output):	9.5 gallon/minute
Motor (capacity):	38 cubic inch
Cylinders (bore & stroke):	Lift: 6" x 15"; load: (2) 2" x 16"
Other components:	Control valves, pressure gauges, filters, piping and hoses

Heating System Specifications

Fuel:	No. 1 or 2 diesel, B-5 bio-diesel
Fuel storage:	80 gal. with filter and manual shut-off
Burner type:	Beckett Model SDC
Burner capacity:	700,000 BTU
Other components:	Piping, hoses, gage and swivel arm

Loading / Unloading Specifications

Loading:	Mechanically, broken chunk pieces (up to 12") or milled asphalt (RAP)
Unloading:	Self-unloading or into loader bucket

Specifications subject to change without notice

Recycling time will vary depending on moisture content, ambient temperature, asphalt quality or type (such as millings, broken pieces, etc.)

Crack Jet II

Simple, lightweight, one-man crack preparation tool

- Self-contained heat lance made affordable
- Designed to walk behind or tow
- Hot air dries moisture in seconds and blows cracks clean while etching the walls and surface of cracks allowing for maximum rubber adhesion
- 2800 degrees fahrenheit 90 CFM
- Easy to operate, easy to transport
- Eliminate large cumbersome compressors, routers and wire wheels
- Save time and labor costs

*Simple, lightweight, one-man
crack preparation tool.
Walk behind or tow...*

Crack Jet II Specifications

Air output:	90 CFM
Air temp:	2800° F
Air pump:	2 Cylinder single stage pump
Body:	Welded 11 gauge steel
Weight:	225 lbs (w/o propane bottle)
Propane:	30 lb. bottle included
Dimension:	57" L x 26" W x 36" H
Jet Wand:	Stainless steel barrel and fittings
Wand weight:	7 lbs.
Wand length:	60" lance with 25 ft. hose
Igniter:	Push button 9V electronic ignition
Standard:	5.5 HP Honda engine

Specifications subject to change without notice

Hearing, eye and protective clothing must be worn when operating this equipment.



CRACK JET II





KM 55



KM 55 Rubber Melting Kettle

The 50,000 BTU propane burner is thermostatically controlled optimizing fuel efficiency and temperature accuracy.

- *Self-contained & insulated*
- *Allows for continuous accurate heating of material without constant monitoring*
- *The KM 55 consumes half the amount of propane compared to a direct fired kettle*
- *Equipped with a utility torch for heating the valve, tools, pour pots, etc.*
- *A two (2) inch flow valve extends out for easy filling of application equipment*
- *Air Jacketed, operates on convection/conduction heat*

Uses half the amount of propane as a direct fired kettle! And it is much safer.

KM 55 Rubber Melting Kettle Specifications

Dimensions:	24" W x 68" L x 32" H
Capacity:	55 gallon
Thermostat:	100-500° controller
Heating element:	50,000 BTU propane heating element
Pilot:	Electronic fuel ignitions with 100% safety shut down capability
Insulation:	High efficiency insulation and reflective metal for maximizing fuel economy
Construction:	All welded steel; 16 gauge skin, 14 gauge funnel, 20 gauge opening lid
Weight:	340 lbs.
Agitation:	360° hand agitation paddle

Specifications subject to change without notice



Profit Scenario #1

**Hot Rubber Crack Filling
KM Crack Jet II & KM 55 Melting Kettle**

DESCRIPTION	BREAK DOWN	DAILY	(150 work days) ANNUAL
Gross Receipts:	3,000 lf per day at \$0.75 per lf (average)	\$ 2,250.00	\$ 337,500.00
Material:	3,000 lf of 1/2" x 1/2" crack; 7 1/2 boxes of rubber @ \$23.00/box; 1,125 boxes for 150 days	\$ 247.50	\$ 37,125.00
Fuel:	Crack Jet II and KM 55 Propane: \$25.00/day Crack Jet II 5.5 HP Engine Gasoline: \$6.00/day	\$ 25.00 \$ 6.00	\$ 3,750.00 \$ 900.00
Subtotal Expenses:		\$ 278.50	\$ 41,775.00
GROSS PROFIT:		\$ 1,971.50	\$ 295,725.00
Labor:	2 Man Crew x \$12.50/hour each for 8 hours	\$ 200.00	\$ 30,000.00
Depreciation:	Equipment purchase: Crack Jet II, KM 55 Melter, pour pot: Subtotal (over 5 years) = \$ 8,750.00	\$ 11.66	\$ 1,750.00
Insurance:	Workers comp (18% payroll), general liability, vehicle (\$ 12,000.00/year)	\$ 196.00	\$ 29,400.00
Miscellaneous:	Breaks, Mt Dew stops, Flat tires, etc.	\$ 50.00	\$ 7,500.00
Subtotal Overhead:		\$ 457.66	\$ 68,650.00
PROFIT		\$ 1,513.84	\$ 227,075.00

*This equipment combination
can pay for itself in just
five days or less!*

Profit Scenario #2

**KM 4-48 Infrared Asphalt Recycler &
KM 4000 Asphalt Hotbox/Reclaimer**

DESCRIPTION	BREAK DOWN	DAILY	(150 work days) ANNUAL
Gross Receipts:	800 sq ft per day at \$3.12 per sq ft	\$ 2,500.00	\$ 375,000.00
Material:	Asphalt: 2 ton per day at \$70.00 per ton	\$ 140.00	\$ 21,000.00
Fuel:	Propane: KM 4-48; Five (5) 30 lb. cylinders KM 4000; One (1) 30 lb. cylinder Total: Six (6) 30 lb. cylinders @ \$20.00 each	\$ 120.00	\$ 18,000.00
	Gas: Compaction equipment—2 gallons, 1 day Vehicles—10 gallons, 1 day Total: 12 gallons/day @ \$3.75	\$ 45.00	\$ 6,750.00
Subtotal Expenses:		\$ 305.00	\$ 45,750.00
GROSS PROFIT:		\$ 2,195.00	\$ 329,250.00
Labor:	2 Man Crew x \$12.50/hour each for 8 hours	\$ 200.00	\$ 30,000.00
Depreciation:	Equipment purchase: KM 4-48/4000 = \$27,150.00 Vehicle purchase: = \$38,000.00 Compactor and tools: = \$ 4,550.00 Subtotal (over 5 years) = \$69,700.00	\$ 92.93	\$ 13,940.00
Insurance:	Workers comp (18% payroll), general liability, vehicle (\$12,000.00/year)	\$ 196.00	\$ 29,400.00
Miscellaneous:	Breaks, Mt Dew stops, flat tires, etc.	\$ 50.00	\$ 7,500.00
Subtotal Overhead:		\$ 539.00	\$ 80,840.00
PROFIT		\$ 1,656.00	\$ 248,410.00

TESTIMONIALS



USA Striping - Birmingham, AL
Jeffery Scott, Owner

I wanted to take a minute to let you know how great my new K&M infrared unit is. I've used units from other manufactures, and there is NO comparison to yours. The quality is far more superior to the others, and the unit is designed to keep the operator safe. The heavier gauge steel base and handles will stand up to daily use. The unit is very simple to use and the controls are laid out great. The operator has all controls at their fingertips. The caster system really makes reconfiguring the wheel setup easy and safe. No more lifting a hot unit to reposition the wheels. The heating system gets the job done! 7 to 10 minutes, the surface is ready to be repaired. The customer service is FIRST CLASS. Before, during and after the sale Michael Blake there and still is there when I need him. He provides answers to all my questions involving the use of the unit. I purchased a Hotbox earlier this year, and the experience was just as great. K&M you have a customer for life!!

Birmingham Sealcoat - Lake Orion, MI
Ryan Austin, Owner

"The people at KM were not only interested in selling the equipment, they wanted to educate us on the infrared process."
 "Infrared Repair is now a full service we offer, and we use KM International equipment because it is quality and they provide "personalized" service. They are never too busy for the customer."

Budget Asphalt Repair - Columbus, OH
Mike and Dan Taliercio

"We have both found that infrared repair technology offers an incredible alternative to saw-cut/replace as well as mill/fill. In central Ohio, I am approximately \$2 less expensive per square foot than those alternatives. This allows me to win more jobs from my competitors."
 "When you start getting jobs that have over 50 heats on a regular basis you know you're going to have a great year!!!"
 "Infrared patch was the cornerstone of our business in our first year and continues to be the defining service we provide to all our customers."

City of Traverse City Public Works - Traverse City, MI
Mark Jones, Street Superintendent

We started using the Asphalt Recycler on December 1st and made a total of 33 tons for the month of December, we used the material for pot holes and Infrared Repair. The material we used to recycle was left over asphalt from jobs this past summer, if we would have had to by cold patch it would of cost us \$4,785.00, even if we would of bought the asphalt for winter stock before the asphalt plant closed in November we still would of saved \$2,475.00. And then on top of that, we are getting a better product.



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PRODUCT CATALOG

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