



2010 Edition



The Choice of Asphalt Professionals Worldwide



KM International is committed to manufacturing the highest quality asphalt maintenance equipment on the market. We design for their efficient use by contractors and government agencies alike.

KM International, Inc. has acquired and developed a number of strengths that has fostered KMI's worldwide reputation in the asphalt industry as the "Gold" and "Green" standards. We are the pre-eminent authority on the "infrared process" of in place asphalt recycle and repair. We have fostered an ongoing industry standard of quality and excellence that continually exceeds our customers' expectations in all of our other product offerings including our "Infrared" line of equipment, our Hot Box Reclaimers and our newest addition the Asphalt Recycler.

Our commitment to the design and manufacture of the highest quality asphalt maintenance equipment in the market is not just a "quote on the wall" but rather the driving force for the entire KM International team.

This catalog describes KM International asphalt maintenance equipment, asphalt recyclers, spray rigs and storage tanks, along with informative profit scenarios. We hope that the information provided helps answer any questions that you may have regarding our equipment. Please feel free to contact us any time for additional information or a list of our Regional Distributors. Demonstration videos are available online or by contacting us. References are also available upon request.

We also offer the opportunity to see the equipment in action on our website. For an on-site demonstration please feel free to contact us to set an appointment.

Thank you for your interest in KM International.



KM International
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North Branch, MI 48461
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INFRAREDS



HOT BOX/RECLAIMERS



ASPHALT RECYCLERS



BULK TANKS • PULSAIR • CRACK MAINTENANCE



**GO GREEN—KM International makes you more
Green \$\$\$**



Infrared Asphalt Recyclers

KM 4-40 & KM 4-48

The performance of the KM 4-40 and KM 4-48 is unmatched.

These versatile infrared asphalt recyclers are designed for common occurring asphalt problems - repair improper seams, sunken utility cuts, lower elevated or buckled surfaces, refinish manholes, potholes or other broken areas.



The penetrating infrared rays of the recyclers quickly soften the existing asphalt without burning. Typically the top 1 1/2" to 2" of asphalt is ready for raking within 7 – 10 minutes.

Once softened and scarified, hot mix is added to bring the recycled area back to proper grade.

Compacting produces a permanent hot patch level with the existing asphalt. Water seepage is eliminated because the repair is seamless.

The procedure described can be used to repair large areas by sequentially moving the KM 4-40 or KM 4-48 over the damaged area.



KM4-40 Specifications

Type: Infrared Asphalt Recycler Folding Trailer Unit
 Heating Element: Patented Infrared Radiant; 1" Ceramic Blanket
 Fuel: Propane
 Working Dimen: 5'x8' Plus Castors
 Heating Zones: Two (2) Zones 2'x4', Two (2) Zones 3'x4'
 Zone Controls: Manual On/Off Valves w/Switched Electronic Cycling
 Propane: Three (3) Interchangeable 30lb. Cylinders
 Consumption: Cycled Burn—25 Pounds Per Hour
 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
 Transit Dimen: Length-8'4", Width-6'6"
 Suspension: Leaf Spring
 Tires: 4.80 - 8" 2ply
 Lights: Running/Brake/Directional
 Weight: 810lbs. (with full propane tanks)

Patented Specification Subject To Change

KM4-48 Specifications

Type: Infrared Asphalt Recycler Folding Trailer Unit
 Heating Element: Patented Infrared Radiant; 1" Ceramic Blanket
 Fuel: Propane
 Working Dimen: 6'x8' Plus Castors
 Heating Zones: Two (2) Zones 2'x4', Two (2) Zones 4'x4'
 Zone Controls: Manual On/Off Valves w/Switched Electronic Cycling
 Propane: Three (3) Interchangeable 30lb. Cylinders
 Consumption: Cycled Burn—30 Pounds Per Hour
 BTU Output: 840,000 (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
 Transit Dimen: Length-8'4", Width-7'6"
 Suspension: Leaf Spring
 Tires: 4.80 - 8" 2ply
 Lights: Running/Brake/Directional
 Weight: 860lbs. (with full propane tanks)

Patented Specification Subject To Change

- The KM 4-40 and KM 4-48 are each equipped with four independent heating zones which can isolate the area to be recycled and prevent softening areas where repair is unnecessary.
- The patented heating surface radiates a very high yield of infrared energy per amount of propane expended.



- Remove bird baths
- Lower high spots
- Repair catch basins
- Eliminate potholes
- Correct asphalt imperfections
- Thermoplastic installation
- Oil spot removal
- Trip Hazards
- Printing Asphalt



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makes you more Green \$\$\$



Infrared Asphalt Recyclers

LB2-16



LB2-16 Specifications

Overall Dimensions:	51"L x 51"W x 50"H
Transit Dimensions:	30"L x 49"W x 58"H
Heating Element:	Infrared Radiant; 1" Ceramic Blanket
Fuel:	Propane
Heating Zones:	Two (2) 2' x 4' zones
Zone Controls:	On/Off with Switched Electronic Cycling
Propane Supply:	Two (2) - 30lb Cylinders
Propane Consumption:	Cycled Burn 12lbs Per Hour
Blower:	12 Volt DC powered
Battery:	12 Volt Deep Cycle
Overall Weight:	275lbs
Infrared Panel Weight:	98lbs

Specifications Subject To Change

- 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.



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.***



Asphalt Hotbox Reclaimers

KM4000



When new asphalt is unavailable, stock-piled or used material can be loaded for reclaiming. Have hot mix year-round.

KM 4000/ KM 8000

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

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 asphalt within 8 to 10 hours, material is ready for use.
- Asphalt repairs can be made year-round.
- All units available Propane or Diesel

KM8000



Diesel Unit



Propane Unit



KM 4000 Specifications

Dimensions: 72" x 54" x 44" high
Capacity: 4,000 lbs. of asphalt
Heating Element: 58,000 BTU propane
Thermostat: 100 - 350° F
Pilot: Electric ignition with full shut down safety capacity.
Filling Door: Entire insulated lid opens for easy filling
Shoveling Port: Sliding door opens allowing asphalt to be shoveled. Slanted walls in box funnel contents toward the port.
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

KM 8000 Specifications

Dimensions: 72" x 64" x 54" high
Capacity: 8,000 lbs. of asphalt
Heating Element: 58,000 BTU propane
Thermostat: 100 - 350° F
Pilot: Electric ignition with full shut down safety capacity.
Filling Door: 2 insulated lids open for easy loading.
Shoveling Port: 2 sliding doors open allowing asphalt to be shoveled. Slanted walls in box funnel contents toward the ports.
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

- 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.
- The KM 4000 and KM 8000 allow work when plants are closed and are the perfect match to the Asphalt Recycler.
- No longer do you need to discard old asphalt. Teamed with a KM Asphalt Recycler, just stockpile and recycle it with a KM Asphalt Hotbox Reclaimer.



GO GREEN
KM International
makes you more
Green \$\$\$





Asphalt Recycler

The KM International **Asphalt Recycler** will produce a quality batch (one ton every 20 minutes) of asphalt from recycled millings or chunked asphalt to produce a patching material that will exceed Department of Transportation asphalt specifications and standards.



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. At Prevailing wages the **ASPHALT RECYCLER** will producing asphalt at \$15.00 to \$20.00 per ton. By using reclaimed asphalt and used asphalt shingles the process 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 to every load.



**GO GREEN—KM International
makes you more Green \$\$\$**



Asphalt Recycler

(2) tons per hour of either broken chunk or milled asphalt

Trailer

Length 23' - 10"
Width 8' - 0"

Dimensions & Weight

Length 23' - 10"
Width 8' - 0"
Height 7' - 6"
Weight (net). 6900 lbs



Loading Hopper

Top opening 26" x 94"
Construction 3/16" steel brinell hardened
Actuators (2) hydraulic cylinders, 2" x 16"

Asphalt Heating Drum

Construction 3/16" steel, 450 brinell hardened
Agitators Seven (7), 3/16" steel, 450 brinell hardened
Rotation Hydraulic, reversible, approximately 8 rpm, fixed

Hydraulics

Reservoir (capacity). 22 gallon
Pump (outpour). 9.5 gallon/minute
Motor (capacity) 38 cubic inch
Cylinders (Bore & Stroke) Lift: 5" x 15"; load: (2) 2" x 16"
Other components: control valves, pressure gauges, filters, piping and hoses

Heating System

Fuel No. 1 or N. 2 diesel, B-5 bio-diesel, or kerosene
Fuel Storage 60 gallon with filter and manual shut-off
Burner Type Beckett Model SDC
Burner Capacity 700,000 BTU
Other components: piping, hoses, gage and swivel arm

Operation

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

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



KM4000T

Standard Equipment

- Two ton asphalt capacity trailer unit
- Asphalt hotbox reclaimer allows asphalt to be maintained at working temperature for up to 3 days
- Two (2), 30 pound LP cylinders
- Automatic LP changeover regulator
- Reclaimer: When new asphalt is unavailable, stockpiled or used material can be loaded into the KM 4000T and recycled. Within 12 hours the hard, cold chunked asphalt is reclaimed to hot mix
- Insulated, gravity feed shovel port
- Insulated filling door with safety latch and manual lever opener
- Gas spring opening assist
- Dual shovel/tool rack
- Utility area
- Thermostatically controlled heat with 100% safety shut down



Bulk store your asphalt for off season repair



Never throw asphalt away again! Just stockpile and recycle with the KM Asphalt Hotbox Reclaimer or Asphalt Recycler.



KM 4000T Specifications

Dimensions:	156"L x 96"W x 70"H
Capacity (Asphalt):	4,000 lbs. of material
Heating Element:	50,000 BTU propane 105,000 BTU #2 fuel oil (option)
Fuel Supply:	Two (2) 30 lb. cylinders 25 gallon fuel tank with #2 fuel (option)
Pilot:	Electronic fuel ignition with 100% safety shut down capability
Filling Door:	Single high temperature insulated lid 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
Construction:	All welded steel, triple welded construction 16 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)



Optional Features

- Heated 30 gallon liquid tack tank, thermostatically controlled with 100% safety shut down
- Liquid utility solvent tank
- 60 pound cylinders
- 1000 lb. loading winch and davit
- Hand torch
- Type 2 fuel oil heating system
- Hydraulic brakes
- Self-contained hydraulic dump unit
- Low temperature thermostat (for cold patching materials)
- Electric back-up heat (for overnight, indoor heat maintenance)
- Tool Rack





KM8000T



- 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 recycle with the KM Asphalt Hotbox Reclaimer.

- Optional Features**
- Heated 30 gallon liquid tack tank, thermostatically controlled with 100% safety shut down
 - Liquid utility solvent tank
 - 60 or 100 pound cylinders
 - 1000 lbs. loading winch and davit
 - Hand torch
 - Type 2 fuel oil heating system
 - Hydraulic brakes
 - Self-contained hydraulic dump unit





KM 8000T Specifications

Dimensions:	174"L x 96"W x 78"H
Capacity (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 25 gallon fuel tank with #2 fuel (option)
Pilot:	Electronic fuel ignition with 100% safety shut down capability
Filling Door:	Two insulated lids with cantilevered shock assist door that takes 15 pounds of pressure to open
Shovel Port:	Two insulated sliding track design, 10"W x 16"H. Slanted walls funnel contents toward the shovel ports
Construction:	All welded steel, triple welded construction 16 gauge skin, 12 gauge asphalt compartment
Capacity (Trailer):	14,000 lbs. GVWR
Axles:	Dual 7,000 lb. axle leaf spring, electric brakes on all wheels and emergency breakaway feature



Optional Features

- Heated 30 gallon liquid tack tank, thermostatically controlled with 100% safety shut down
- Liquid utility solvent tank
- 60 pound cylinders
- 1000 lb. loading winch and davit
- Hand torch
- Type 2 fuel oil heating system
- Hydraulic brakes
- Self-contained hydraulic dump unit
- Low temperature thermostat (for cold patching materials)
- Electric back-up heat (for overnight, indoor heat maintenance)



Crack Jet II

“The Premium Crack Preparation Tool”



- 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 adhesion
- Easy to operate, easy to transport
- Eliminate large cumbersome compressors, routers and wire wheels
- Eliminate time and labor costs

CRACK JET II SPECIFICATIONS

Air Output:	90 CFM
Air Temp:	2800° Fahrenheit
Air Pump:	2 Cylinder Single Stage Pump
Body:	Welded 11 gauge steel
Weight:	225 lbs (w/o propane bottle)
Propane Bottle:	30 lb bottle included
Dimension:	57"L x 26"W x 36"H
Jet Wand:	Stainless steel barrel and fittings
Weight:	7 lbs
Length:	60"
Igniter:	Push button 9v electronic ignition

Standard: 5.5 HP Honda Engine
Specifications Subject To Change



HEARING, EYE AND PROTECTIVE CLOTHING MUST BE WORN WHEN OPERATING THIS EQUIPMENT.



Crack Maintenance Equipment

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

The self-contained insulated KM 55 allows for continuous accurate heating of material and does not require constant monitoring. Direct fire units typically consume twice as much propane as the KM 55.



A two (2) inch flow valve extends out for easy filling of application equipment.



The KM 55 is equipped with a utility torch for heating the valve, tools, pour pots, etc.

KM 55 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

Available from KM International is an affordable line of crack maintenance equipment. The KM 55 Melter, when mounted on a heavy duty utility trailer and teamed with the Crack Jet II and MA-10 applicator provide everything you need to prepare and fill cracks. Leaving room for storage & transport of material & tools.

*** check local codes for transporting melter while burner is on.**



Pulsair™ 550



Model: PULSAIR 550 Sealcoat Application Unit
 Features: 550 Gallon Capacity

- 1-1/2" Graco Air Diaphragm Material Pump
- 30 Gallon, 13 HP Honda Rol-Air Compressor
- 100' Hose Reel, 3/4" Hose & Spray Wand
- Patented Pulsair Agitation System allows frequency and air pressure adjustment

The patented Pulsair Agitation System has eliminated hydraulics from sealcoat application!



NO MORE LEAKY BEARINGS!



NO HYDRAULIC MOTORS & PUMPS!



NO CLEANING AROUND PADDLES!



NO LEAKING HYDRAULIC HOSES!

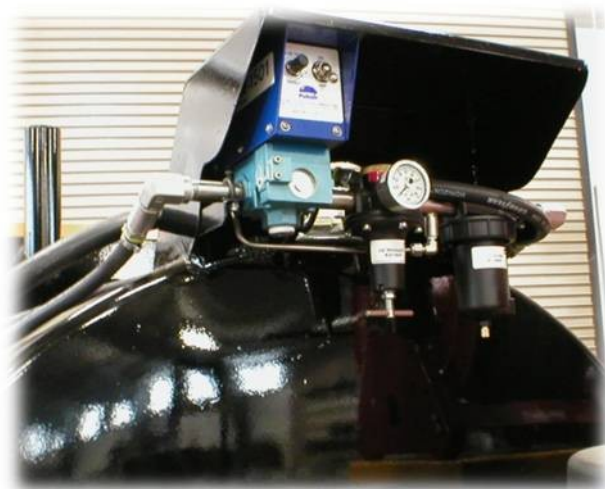
The KM International PA 550 has many advantages versus the standard hydraulic agitation systems.

Never again climb around shaft & paddles for winter cleaning!

One air system does it all, agitation & sealcoat spraying!

No hydraulic tank, fluid, filters, hoses, pumps, motors, leaks, drips.....

Complete re-mixing of sealer even when allowed to set for weeks!



PATENTED



Custom Bulk Storage Tanks

Bulk Sealer Storage Tank Specifications

- Bulk storage tanks are skid mounted units
- 2,000 gallon to 10,000 gallon capacities, gas or electric, built to customer specifications
- Variable speed, hydraulically controlled paddle agitation with forward and reverse
- Nylon reinforced rubber sweeps attached to paddle agitation
- Hydraulic tank consisting of 10-18 gallon capacity with spin-on filter system
- Two or three inch material pumps available
- Safety features - chain and finger guards
- Three inch plumbing for unloading transport and filling of storage tank
- Clean out plate at lower rear of tank provides easy access for cleaning at year end; 24" diameter
- Double seals on ends of agitation shaft to prevent sealer from leaking
- Powered by 13HP electric start Honda engine
- Electric motor available with U.L. listed lockable control panel and timed agitation. Single Phase or Three Phase
- Strainer basket: three gallons with 3" plumbing
- Top hatch, 24"x24" lockable lid, ladder and observation deck
- 2" transfer hose
- Optional: custom colors available
- Optional: hood cover, lockable to protect pump and motor from weather and unauthorized personnel
- Optional: 2" Neptune material meter



**Custom Bulk Storage Tanks
2,000 up to 10,000 Gallons**



**Gas
Power**



**Electric
Power**

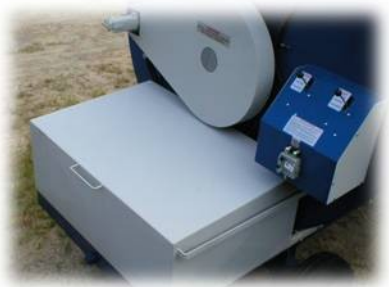


**24" Rear
Clean Out**

Meter



**Lockable
Hood
Cover**





Profit Scenario

Hot Rubber Crack Filling KM Crack Jet II & KM 55 Melter

		Daily	Annual (150 work days)
Gross Receipts	3,000 lf per day at \$0.70 per lf (average)	\$ 2,100.00	\$ 315,000.00
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	\$ 240.00	\$ 36,000.00
Fuel	Crack Jet II and KM 55 propane: \$22.00/day Crack Jet II 5.5 HP engine gasoline: \$4.00/day	\$ 22.00 \$ 4.00	\$ 3,300.00 \$ 600.00
Subtotal Expenses:		\$ 266.00	\$ 39,900.00
GROSS PROFIT:		\$ 1,834.00	\$ 275,100.00
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	Smoker's breaks, Mt Dew stops, flat tires, etc.	\$ 50.00	\$ 7,500.00
Subtotal Overhead		\$ 457.66	\$ 68,650.00
PROFIT:		\$ 1,376.34	\$ 206,450.00

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





Profit Scenario

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

		Daily	Annual (150 work days)
Gross Receipts	800 sq ft per day at \$2.50 per sq ft	\$ 2,000.00	\$ 300,000.00
Material	Asphalt: 2 ton per day at \$70.00 per ton	\$ 140.00	\$ 21,000.00
Fuel	Propane: KM 4-48; (5) 30-lb cylinder KM 4000; (1) 30-lb cylinder Total: 6, 30-lb cylinders @ \$14.00 each	\$ 84.00	\$ 12,600.00
	Gas: Compaction equipment—2 gallons, 1 day Vehicles—10 gallons, 1 day Total: 12 gallons/day @ \$2.25	\$ 27.00	\$ 4,050.00
	Subtotal Expenses:	\$ 251.00	\$ 37,650.00
GROSS PROFIT:		\$ 1,749.00	\$ 262,350.00
Labor	2 Man Crew x 12.50/hour each for 8 hours	\$ 200.00	\$ 30,000.00
Depreciation	Equipment Purchase: KM 4-48/4000 = \$25,375.00 Vehicle Purchase: = \$38,000.00 Compactor and tools: = \$ 4,550.00 Subtotal (over 5 years) = \$67,925.00	\$ 90.56	\$ 13,585.00
Insurance	Workers Comp (18% payroll), general liability, Vehicle (\$12,000.00/year)	\$ 196.00	\$ 29,400.00
Miscellaneous	Smoker's breaks, Mt Dew stops, flat tires, etc.	\$ 50.00	\$ 7,500.00
	Subtotal Overhead:	\$ 536.56	\$ 80,485.00
PROFIT:		\$ 1,212.44	\$ 181,865.00



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Keizer-Morris International, Inc.

Quality Asphalt Maintenance Equipment Worldwide

