

KASI PRO-HEAT 2000 MINUTEMAN

THE PRO-HEAT MINUTEMAN IS A TRAILER MOUNTED SYSTEM THAT COMBINES AN INFRARED ASPHALT HEATING CHAMBER AND HOT ASPHALT STORAGE AND RE-CLAIMING CAPABILITIES. ITS' PURPOSE IS TO HEAT FAILED ASPHALT SURFACES IN PLACE TO HOT MIX TEMPERATURES ALLOWING THE ASPHALT TO BE RE-WORKED, ADDED TO, AND COMPACTED FOR A PERMANENT ASPHALT RESTORATION. THE INNOVATIONS ARE THE UNIQUE CHAMBER DESIGN AND COMPLETE TURN KEY APPLIANCE DESIGN. THE UNIQUE CHAMBER DESIGN WITH EIGHT VERTICAL INFRARED CONVERTERS IS CAPABLE OF HEATING OLD ASPHALT SURFACES TO A UNIFORM DEPTH OVER A 48 SQUARE FOOT AREA WITHOUT DAMAGING OR CHANGING THE ASPHALT BINDER THUS UTILIZING THE EXISTING MATERIAL TOWARD ITS' OWN RESTORATION. THE COMBINATION OF HOT ASPHALT STORAGE AND RE-CLAIMING CAPABILITIES, TOOL STORAGE, FUEL STORAGE, AND COMPACTION STORAGE ON THE SAME CARRIAGE IN EASILY ACCESSIBLE FASHION IS THE OTHER PART OF THIS INNOVATION.

PREVIOUS TO THIS THE COMMON METHOD OF INFRARED PRODUCTION FOR RESTORING ASPHALT EITHER WAS TOO HOT IN PLACES AND DAMAGED THE ASPHALT OR TOO SLOW TO HEAT TO DEPTH AND DAMAGED THE SURFACE OF THE PAVEMENT. THE TYPICAL INFRARED SYSTEM WAS SEPARATE UNITS CARRYING THE ASPHALT BOX AND THE INFRARED CHAMBER. THE TYPICAL ASPHALT REPAIR METHOD WAS TO CUT OUT, REMOVE, AND REPLACE THE FAILED AREA WITH NEW ASPHALT.

THE PRO-HEAT WAS CONCEPTUALIZED IN 2004 AND PUT INTO PRODUCTION IN 2006. SINCE THAT TIME SYSTEMS HAVE BEEN PUT INTO PLACE IN THE STATES OF NH, NJ, TN, MI, WI, MN AND OH. AS MORE EXPOSURE FOR THIS EQUIPMENT AND APPLICATION TAKES PLACE AND MORE DATA IS ACCUMULATED THE EXPECTATION IS THAT IT WILL REPLACE OLD METHODS AS THE PREFERRED METHOD OF MAINTAINING ASPHALT SURFACES.

THE MINUTEMAN ALONG WITH ITS' COUNTERPART THE TRUCK CHASSIS MOUNTED PATRIOT ARE MAKING INROADS FOR CHANGE IN AN ARENA THAT HISTORICALLY RESISTS IT. THE UNIQUE CAPABILITY OF THIS SYSTEM TO SAVE THE EXISTING ASPHALT AND RESTORE IT IN PLACE SAVES TIME, MONEY, AND REDUCES SIGNIFICANTLY THE ENERGY COST OF ASPHALT PRODUCTION AND TRANSPORTATION. THE EASE OF USE AND APPLICATION FACILITATED BY THIS DESIGN MAKES THE ACCPETANCE OF THE TECHNOLOGY MORE LIKELY TO GROW.



For the Ultimate Asphalt Repair!

**KASI INFRARED THE FIRST CHOICE IN INFRARED REPAIRS & RESTORATIONS
CHECK OUT THE ALL NEW KASI PRO HEAT MINUTE MANS COMPLETE SYSTEM
BUILT WITH PRIDE AND PREFECTION TO OUT LAST AND OUT PREFORM THE
COMPETITION !**



KASI INFRARED OFFERS WHAT OTHERS WILL NOT CHANGE

WE LISTEN TO OUR COUSTOMERS AND THEN WE ACT TIRE OF COSTLY WORKERS COMP CLAIMS AND SORE BACKS

THERE ARE MANY REASONS WHY YOU SHOULD CHOOSE A KASI INFRARED MACHINE OVER THE COMPETITORS. HERE ARE SOME OF THE REASONS.

WE TOOK THE FEATURES FROM OUR INDUSTRY LEADING PATRIOT TRUCK MOUNTED SYSTEM AND IMPLEMENTED THEM ONTO OUR MINUTE MAN TRAILER SYSTEM.

RECLAIMER DOORS TEND TO STICK SHUT WITH TIME, WEAR AND BUILT UP ASPHALT. NO MORE PULLING AND TUGING TO OPEN THE DOORS WITH OUR HYDRAULIC SYSTEM YOU JUST OPERATE THE OPEN AND CLOSE VALVE.

THE INFRARED HEATING CHAMBER ON OUR MINUTE MAN SYSTEM OPERATES WITH TWO HYDRAULIC CYLINDERS THAT CONTROL THE UP & DOWN OPERATION OF THE CHAMBER. NO MORE WINCHES AND TROUBLE SOME CABLES AND SOLENOIDS TO DEAL WITH. ALONG WITH THE SAFTY ISSUES THAT PERTAIN TO THE OLD SYSTEMS.

COMPACTOR ROLLER AREA IS NOW DESIGEND FOR EASY OPERATION. YOU JUST LOWER THE RAMP AND WALK THE COMPACTOR DOWN THE RAMP WHEN THE JOB IS COMPLETE YOU SIMPLY WALK THE COMPACTOR BACK UP THE RAMP PIN THE RAMP IN PLACE AND YOU ARE READY TO GO TO YOUR NEXT JOB. NO MORE TROUBLE SOME CABLES AND WINCHES OR SOLENOIDS TO DEAL WITH. THIS RAMP AREA IS FASTER AND MUCH SAFER THEN THE OLD SYSTEM.

KASI INFRARED GOES THE EXTRA MILE

- LONGEST LIFE MOST FUEL EFFICIENT KASI ULTRA GLOW CONVERTERS. NO MORE BURNING HOLES IN GRIDS NEEDLESSLY. ALL STAINLESS STEEL
- KASI'S LONG LIFE TROUBLE FREE DURA GLOW INFRARED BURNERS ARE USED IN ALL KASI RECLAIMERS.
- 12 VOLT SYSTEM IN PLACE OF OLD 24 VOLT SYSTEMS ALLOWS YOU TO CHARGE OFF FROM YOUR TRUCKS SYSTEM EVEN ON OUR TRAILER SYSTEMS, ELIMINATES POWER OUTAGES IN THE MIDDLE THE DAY.
- TORFLEX AXELS THE BEST ON THE MARKET WITH SOLID STEEL WHEELS.
- 12 VOLT BATTERY MAINTANERS WILL NOT OVER CHARGE YOU BATTERIES. (DOUBLES THEIR LIFE.)
- STAINLESS STEEL GAS PIPING IN PLACE OF OLD BLACK IRON PIPE.
- OUR FRAME RAILS ARE MADE OF 3"X 5" X 3/8" RECTANGULAR TUBING STRONGER THEN WELDED ANGLES OR CHANNELS. LOOKS GREAT TOO!
- ADDS 20% MORE FUEL EFFICIENT SYSTEM WITHOUT LOSSING PERFORMANCE.
- LARGE TOOL STORAGE AREA INCLUDED.
- KASI'S 12 VOLT ULTIMATE AIR SYSTEM ELIMINATES ARMATURES & BRUSHES FOUND IN THE OLDER STYLE MOTORS GIVES YOU LONGER BLOWER LIFE. (STD. ON MINUTE MAN.)
- P.O.L.— SAFTY GAS LINE CONNECTORS, SWAGLOK COMPRESSION FITTINGS.
- ALL STAINLESS STEEL CHAMBER INCLUDING THE SUPPORTS FOR CHAMBER.

KASI INFRARED P.O. BOX 895 CLAREMONT N.H. 03743 HOME OF THE KASI PATRIOT & MINUTE MAN TEL (800) 450-8602
PLEASE VISIT OUR WEB SITE AT www.kasiinfrared.com E-mail us at kasiin@kasiinfrared.com

