



TMS
TRAILER MOUNTED STEAMER



I've been selling and servicing steam boilers and other related equipment for over 20 years. This, coupled with many years of experience in the mechanical, machinist and fabricating trades have helped lead to the development of the TMS.

Jim Griep
Owner

ABOUT US

THE TMS - TRAILER/TRUCK MOUNTED STEAMER WAS DEVELOPED TO HELP THE CITY OF BUFFALO BETTER SERVICE THEIR AGING WATER SYSTEM. AS HYDRANTS GET OLDER, SOME LOSE THE ABILITY TO DRAIN WATER AFTER USE AND FREEZE THUS RENDERING THEM INOPERABLE. THE TMS IS A FULLY SELF CONTAINED THAWING MACHINE THAT UTILIZES HIGH TEMPERATURE STEAM TO THAW A FROZEN HYDANT VERY QUICKLY, PUTTING IT BACK IN SERVICE WITHIN MINUTES. TWO UNITS ARE CURRENTLY IN USE IN THE CITY OF BUFFALO.

THE TMS HAS MANY USES FOR MUNICIPAL AND COMMERCIAL ORGANIZATIONS TO THAW ALMOST ANYTHING FROM HYDRANTS, CURB BOXES, CULVERTS, SEWER LINES OR ICE DAMNING OF ANY KIND.



FIRE HYDRANTS - CURB BOXES

TRUCK/TRAILER MOUNTED STEAMER

HOW IT WORKS

THE TMS IS A FULLY SELF CONTAINED STEAM BOILER HOUSING IT'S OWN WATER AND POWER SOURCE, MAKING IT FULLY PORTABLE. IT CAN RUN FOR UP TO 6 HOURS AT FULL STEAM RELEASE ON IT'S WATER SUPPLY. THE TMS IS FULLY FUNCTIONAL IN ROUTE, LEAVING THE CREW READY TO WORK UPON ARRIVAL.

2 - 40 GALLON PROPANE TANKS, 12 V BATTERY SOURCE AND 30 GALLON WATER TANK SUPPLY THE TMS BOILER SYSTEM UP TO 6 HOURS OF CONTINUOUS STEAM.

A 129,000 BTU STEAM BOILER CYCLING BETWEEN 8-12 PSI OF STEAM PRESSURE PROVIDES END OF LINE STEAM TEMPERATURES UNATTAINABLE BY ANY HOT WATER SYSTEM.

USING STEAM TO THAW HYDRANTS AND OTHER DEVICES PRODUCES AS LITTLE WATER AS POSSIBLE SO THERE IS NO NEED TO DEAL WITH STANDING WATER OR CAUSE DAMAGE TO THE DEVICE THAT YOU ARE THAWING SUCH AS METAL FATIGUE OR O-RING DAMAGE.

REMOVEABLE SIDE WALLS FOR EASY ACCESS FOR MAINTENANCE.



CULVERTS - SEWER LINES

CLEAN-DRY ODORLESS HEAT



WITH THE ADDITION OF THE HEATING UNIT, YOU CAN HEAT SPACES LIKE PARTY TENTS, GARAGES, PARTY TENTS OR ANY OTHER AREA THAT NEEDS HEAT. A SMALLER UNIT IS DESIGNED TO AID THE UTILITY COMPANIES IN CONFINED SPACES SUCH AS MANHOLES.

THE STEAM-BASED HEAT USES ELECTRICITY TO POWER THE FAN AND THE HEAT FROM THE STEAM IS TRANSMITTED CREATING A CLEAN, DRY, ODORLESS HEATING SOURCE!

MODELS



TRAILER MOUNTED



TRUCK MOUNTED

ICE DAMNING - HEATING UNITS

TMS

TRAILER MOUNTED STEAMER

2 • BOILERPLATE 32 • WINTER 2012/2013

BUFFALO FIREMEN BATTLE ICE

Jim Griep with Bobbank Enterprises, one of Parker's package plant distributors, is pictured here with a 3 HP Parker Steam Boiler mounted in a container that fits

the bed of a standard pickup truck. He skid mounted and fabricated the entire system. From sunny Southern California we could never fathom that water freezes, being 70°F all the time. During the winter months these Parkers play an important role by de-icing leaking fire hydrants. Trucks drive all day long to pre-scheduled stops, de-icing 2 to 4 fire hydrants an hour. Jim designed the Parker configuration and stack termination. From a cold start the Parker steams up to pressure in 8 minutes.



For Your Finishing Shop

TECH NOTES

Steamed Over

Article From: Products For
Posted on: 11/1/2012

The cost of natural gas is many in the plating energy costs.

These boiler gas pay for Parker Boiler, manufacturers of best water based boilers.

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Mr. Jim Griep
Bobbank Enterprise
10171 South Street
Leroy, NY 14482

Dear Mr. Griep

I wanted to take a moment to share my thoughts regarding the vehicle mounted boiler that you provided to our company. It's important to note, that after contacting many other vendors, you were willing to take on our project and provided us with a quality product.

Although there were many hiccups along the way, your outstanding customer service (i.e. willingness to perfect the unit and make changes based on feedback) has made the product what it is today. Today the product is a self contained unit which provides continuous steam. Our company is able to thaw frozen fire hydrants, valve boxes, service boxes, and water lines. With our previous product we were limited to thawing approximately 8 fire hydrants per day. With your product we are able to thaw 4 fire hydrants per hour. Additionally, we previously used 40 pounds of propane every other day, and currently we use 40 pounds every 6 weeks. Clearly, this unit has saved our company a large amount in fuel charges. Another great thing about this unit is it is self-contained and able to be transferred to another vehicle with ease. This is essential for productivity.

Again, thank you for creating a custom made product that has been a valuable and essential piece of equipment in our company. We do not know what we would do without it!

Thank you,
Michael Wolosz Jr.
Asst. Superintendent
City of Buffalo Water Department

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TRUCK/TRAILER MOUNTED STEAMER

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