

Mobile Steam from *SIoux*®



Thoroughly & Quickly Remove Oil & Grease from Heavy Equipment

Instantly Remove Snow & Ice

Prepare Surfaces for Painting

Clean Monuments & Historic Buildings

De-Gas Tanks

Disinfect & Sterilize Equipment

Thaw Frozen Pipes and Systems

Mobile Steam Offers Several Advantages Including:

- 57.5% less water consumption and runoff vs. hot water pressure washing.
- Reduction in chemical use.
- Eliminate splash back, which is a problem with pressure washers.
- Easy to operate from 115 volt power source, and from city water system.
- Remote operation as self-contained cleaning unit with water tank and gasoline or optional diesel generator.

All Steam Cleaners Are Not Equal



SIoux Model 200-GTT

All steam cleaners are not created equally, and do not perform equally! Discharge temperature makes a huge difference in cleaning impact. When the discharge temperature is increased, more of the heated water flashes to steam after the water passes through the nozzle. When the water vaporizes, it expands to almost 1500 times its former volume, adding velocity and increasing cleaning impact! The hotter the water, the more steam is produced, providing a substantial increase in water droplet acceleration and cleaning capability. The following chart shows the tremendous difference in cleaning impact comparing 250°F (worst case shown) to 320°F (best case), which provides a huge 338% more cleaning impact!

PRESSURIZED WATER TEMPERATURE BEFORE EXITING NOZZLE AS STEAM	% INCREASE IN CLEANING IMPACT OF 320°F DISCHARGE TEMPERATURE VS. LOWER TEMPERATURE
320°F vs. 300°F 160°C vs. 149°C	+34%
320°F vs. 290°F 160°C vs. 143°C	+58%
320°F vs. 280°F 160°C vs. 138°C	+118%
320°F vs. 265°F 160°C vs. 129°C	+167%
320°F vs. 250°F 160°C vs. 121°C	+338%

SIoux® Model 200-GTT Standard Features

- **Portable on Tandem Axle Trailer with Tail Lights, Wiring, Harness, Choice of Hitch, and Leveling Jack**
- **Completely Self Contained**
- **Heavy-Duty Design**
- **Gas or Optional Diesel Engine Driven Generator, 120 V / 1 Ph / 60 Hz**
- **(Generator) used for Auxiliary Power Supply such as Lights or Small Air Compressors**
- **Optional Anti-Freeze Package Available**
- **Oil Fired**
- **Continuous Steam Supply**
- **Temperature Limit Switch**
- **Pressure Relief Valve**
- **Pressure Gauge**
- **Low Water Flow Limit Switch**

Sioux® is the industry leader in manufacturing products used for melting snow and de-icing equipment in cold areas. Sioux builds a variety of steam cleaners and steam generators which are ideal for melting ice dams and thawing valves, culverts, hydrants, tanks, piping systems and drains, as well as thawing railroad tanker cars to accelerate removal of viscous contents.

Sioux has provided thawing equipment for decades, which is in service in many cold weather areas throughout the US and Canada. Many of these

units have been in operation for over twenty years!

The Sioux® Model 200-GTT is a self-contained steam cleaner that is excellent for de-icing in freezing weather. The 200-GTT incorporates a steam cleaner, generator and water tank. For remote locations, you can briefly fire the unit before leaving your facility and let warm water recirculate, preventing freeze-up en route. The generator provides power to the burner as well as 120 volt, 15 and 20 amp receptacles for lighting and tools, while the chemical tank provides de-icing solution.

(Breaking Ice Dam)



(Cleaning Grease Off Engine)



(Killing Weeds)



(Sioux Model 200-GTT)

MOBILE STEAM APPLICATIONS

	DAKOTA-GTT	DAKOTA-GTT WITH RAKE ATTACHMENT	STEAM-FLO® STEAM GENERATOR
Melting ice dams, thawing valves, culverts, hydrants, tanks, piping systems, drains	X		X
Thawing railroad cars to accelerate removal of viscous contents	X		X
Removing oil and grease thoroughly, without residue film	X		
Preparing surfaces for painting	X		
Cleaning monuments and buildings destined for restoration	X		
Degassing oil and gas tanks	X		X
Sterilization and disinfection of equipment and facilities	X		X
Instantly killing weeds near water tables, buildings, rock beds		X	
Eradication of insects, weeds, nematodes from soil, beds, containers		X	X
Accelerate pre-cast concrete curing; thaw aggregate and sand for concrete production			X

"X" Indicates the best unit for each application. Combination units are ideal for all applications.

More Industrial, Heavy-Duty Equipment from SIOUX...



Sioux is the industry leader in designing and manufacturing custom, application-specific equipment. Sioux has a wide range of options available, such as all-electric and explosion-proof construction, alternate electricals, 50 Hz units, SCR temperature controls, custom frames and mountings. We can provide the EXACT equipment for your needs. Call us for a quote today!

This product is covered by one or more U.S. patents and/or U.S. patents pending. Copyright 2008 Sioux Corporation. No portion of this literature may be reproduced without express written permission of Sioux Corporation.

Call us Toll-free at (888) 763-8833
 (605) 763-3333 or visit us at www.sioux.com



SIOUX CORPORATION

One Sioux Plaza • Beresford, SD 57004-1500
 Toll-free: 888-763-8833 • Tel.: (605) 763-3333 • Fax: (605) 763-3334
 email@sioux.com • www.sioux.com
 Office Hours: 8:00 a.m. - 4:30 p.m. Central Time, Monday-Friday



Form #908 04/08