

Rugged, High Quality, Application-Specific Cleaning Equipment

**Specializing in
cleaning equipment
for heavy industrial
applications**



**Model E2.6HS600 - All-Electric Hot Water
Pressure Washer and Steam Cleaner
2.6 GPM, 600 PSI, 140°F Hot Water
.8 GPM, 200 PSI, 320°F Steam
(Shown with Stainless Steel Float Tank
and Solid Molded Rubber Casters)**



Sioux Today, Tomorrow & Beyond...

Since 1939 we've been solving the problems of heavy-duty industrial cleaning through innovation and application-specific designed equipment.

Sioux started with one premise—to provide tough industrial cleaning equipment, built to last, and designed to withstand the rigors of the industrial workplace.

What's so different about Sioux? For starters, whether you choose one of over 200 standard models of cleaners or a customized unit to meet your specific needs—you can rest easy knowing that your unit is being assembled under the watchful eye of skilled craftsmen. Quality is tracked throughout the manufacturing process, with testing and machine inspection guaranteed by signature.

Manufacturing and engineering are all

under one roof at Sioux. Assembly is performed in flexible workstations. This formidable combination allows Sioux to quickly design custom units based on many years of experience.

Our customers trust us. They know our cleaners are dependable. Quality craftsmanship makes Sioux® units among the longest lasting in the industry. Proven durability and reliability make Sioux the best choice for a wide range of industrial cleaning needs.

We've been providing innovative, heavy industrial cleaning equipment for over 65 years, and we'll be here tomorrow to service your machine, provide replacement parts, or to assist you with the right equipment for your changing needs.



Different Equipment for Different Applications... What Type of Cleaner is Best for You?



All-Electric Cleaners

Sioux® All-Electric Units provide the same great cleaning power of conventional Sioux units, but are 100% electric. All-Electric cleaners are ideal for applications in which no flame, exhaust or contamination can be tolerated. Sioux's entire line of All-Electric units are ETL listed, providing third-party certification to UL-1776, and the Canadian Standards Association CSA C-22.2 No. 68-92. All models can be built to explosion-proof specifications. Sioux's All-Electric equipment meets the U.S. and Canadian National Electric Codes and complies with OSHA Regulation 1910.303(a).

Ratings:

- Steam Cleaners: .6 - 3.8 GPM @ 100 PSI • 325°F Saturated Steam
- Hot Pressure Washers: 1.7 - 8 GPM @ 125 - 180°F • 600 - 3000 PSI
- Combination Units:
 - Steam Cycle: .6 - 1.9 GPM @ 100 PSI • 325°F Saturated Steam
 - Pressure Cycle: 1.6 - 5.7 GPM @ 140 or 180°F • 600 - 1200 PSI

Dakota® Series Steam Cleaners and Hot Pressure Washers

Sioux® Dakota® Series steam cleaners and hot pressure washers offer great quality and performance in a compact and efficient design. This line offers both high-pressure hot water washers and steam cleaners to fit most any demanding cleaning application. A steam option, which produces a maximum 320°F saturated steam (212°F after discharge from gun nozzle), is available on the hot pressure washers, except the 3500 PSI unit. The complete line is ETL listed, providing third-party certification to UL-1776 and the Canadian Standards Association CSA-B140.11-M89.

Sioux® steam cleaners provide 320°F saturated steam (212°F after discharge from gun nozzle) at 250 PSI to remove grease and oil, sterilize, disinfect, and degas. Steam is great for cleaning surfaces before painting or other treatments, flushing away poisons and chemicals, dissolving resins and tars, killing algae and mildew, melting ice, and thawing frozen valves and pipes. Units come complete with high temperature limit switch, glycerin-filled pressure gauge and pressure relief valve.

Sioux® high-pressure hot water washers are excellent for removing oil and grease, dried-on mud, thick dirt, sludge, paraffin, and for cleaning walls, floors and vehicles. Hot pressure washers greatly increase the power of cleaning compounds, compared to cold pressure washers. Units come complete with high temperature limit switch, glycerin-filled pressure gauge and pressure relief valve.

Ratings:

- | | |
|-----------------------------------|------------------------------|
| Steam cleaners: | Hot pressure washers: |
| • 1.7 - 8.0 GPM @ 250 PSI @ 320°F | • 2.2 - 5.3 GPM @ 200°F |
| • 275,000 - 1,200,000 BTU/Hour | • 750 - 3500 PSI |
| | • 190,000 - 400,000 BTU/Hour |



Cold Pressure Washers

Sioux® cold pressure washers are excellent for lighter cleaning jobs such as washing off dirt, dust and mud, and maintaining vehicles and grounds. Cold pressure washers are easy units to operate since water is not heated, therefore there are fewer components, and less maintenance. The initial cost and operating expense of cold pressure washers is less than most other cleaning methods. Units come complete with pressure relief valve and glycerin-filled pressure gauge. Optional explosion-proof models are available.

Ratings:

- 4 - 5 GPM
- 1000 - 5000 PSI
- Electric Motor, Gasoline Engine or Diesel Engine

If we put our name on it, it has to be **Good...**

At Sioux we know that our equipment is going to be put to the test every day. We also know that a malfunctioning piece of equipment can mean costly downtime for our customers and their businesses.

We work hard to minimize problems and downtime by providing high quality component selection, design, construction, and testing. Before it's good enough for you, it has to be good enough for us.

Conservative Design

Sioux does not undersize its components such as motors, pumps, or engines. The components are not operated beyond the manufacturer's rating.

Proven Performance

Sioux® units are dependable in the field. Incorporating high quality components with engineering design expertise allows us to provide the industrial workplace with up-to-date cleaning equipment that can withstand continuous operation.

Simple Operation

Sioux units are simple to operate, with minimal controls and adjustments.

Factory Testing

Every Sioux unit is thoroughly tested before it leaves the factory. Tests are conducted on each machine individually in our on-site testing facility.

Our Standard Features Set Us Apart

Sioux units are constructed to withstand the pressures of the industrial workplace and include standard features that are considered accessories on many competitive models. These features cost a little more in the beginning, but provide a cleaner that runs smoother, lasts longer, is safer to operate and is ultimately a better return on your investment.

All Sioux units begin with an **all-welded steel frame** of 14-gauge (or heavier) steel, and 1/4" angle iron. This heavy-duty construction makes our cleaners perfect for industrial cleaning where plastics and thinner metals will soon crack or break under the demands of the environment and frequent use.

Optional elevated float tank and gravity feed water system provides a steady supply of water to the pump. This **flooded suction water system** helps prevent water starvation (cavitation), a major reason for premature pump failure, thereby extending pump life.

Sioux uses a ceramic multi-plunger, positive displacement, **water pump** with a forged bronze head, oil-bath lubrication and stainless steel valves. Fuel-fired units have a drip-proof **water pump motor**, with overload protection, capacitor start, and direct or V-belt drive. All-Electric models have TEFC motors with thermal overload protection.

The **finish** is a baked-on alkyd primer with enamel paint or baked powder for a durable, long-lasting finish.

The optional **tanks** are available on most models, including inlet float tanks and detergent tanks, are constructed of stainless steel to prevent rust.



Our steam cleaners are equipped with one s
washers include three **wash tips** for a variety of
cleaners include one steam nozzle and three w

Quality-Built, Application-Specific Equipment To Meet Your Needs

Sioux is a pacesetter and industry leader in manufacturing application-specific cleaning equipment. In addition to over 200 standard models, Sioux can build customized units to meet your specific needs.

Model H4D2800

High Pressure Hot Water Washer 7.5 HP, 4 GPM, 2800 PSI, Oil-Fired

(Shown with optional hose reel and pneumatic casters.)



We start with a conventional steam cleaner, hot pressure washer, cold pressure washer or combination unit and then modify the design and accessories to create a unit specifically for your industrial cleaning application.

Water heating sources are: oil, natural gas, LP gas or electric. Your unit can be mounted on skid, stationary or portable. Two-wheel or four-wheel over-the-road trailers can be added, as well as custom wheels. Other options include water tanks, gasoline or diesel generators and engines, special hoses, special hose reels and spray gun accessories, stainless steel heating coils, and chemical or sand/grit injection units. This is only a partial list of component modifications which can be made. Feel free to contact us regarding other accessories or any special applications.

"I run an environmental cleanup operation. We have five Sioux Steam Cleaners which we send out to the field on a regular basis. These units are great for cleaning up equipment such as test equipment, augers, pumps, etc. Our Sioux units have been very dependable. Sioux has excellent parts service. Overall, Sioux units are simple to operate and service, and require very little maintenance."

Dan Kvilhaug, President

Kvilhaug Well Drilling
Concord, CA

Our conventional fuel-fired units feature a **vertically mounted coil**. All hot water and steam models feature coils made of electrically-welded, cold-rolled, steel tubing or Schedule 80 pipe. These vertically mounted, naturally aspirated coils eliminate hot spots and trapped condensation that can damage the coil, and facilitate simple drainage, to prevent freezing the heating coil.

Our **gas burners** have electronic ignition combustion, are multi-orifice, naturally aspirated, and feature a self-monitoring system.

Oil burners feature a pressure fuel system, positive forced air, adjustable pressure, automatic spark ignition, a 10,000-volt transformer, and a totally enclosed motor. All oil-fired units include a fuel filter/water separator system.

A variety of **mountings** are available to customize your unit, depending on the model and your specific application need. Choices include stationary legs, skid, casters, and several types of over-the-road trailers.

All Sioux® hot water or steam cleaners include a **high temperature limit switch, glycerin-filled pressure gauge** and a **pressure relief valve**.

All units are shipped complete with **discharge hose**, with fittings, nozzles, and gun.

team **cleaning nozzle**. Hot/Cold pressure
f cleaning applications. Combination
ash tips.

All-Electric Equipment

Electric Motor Driven, Electrically Heated. Specifically Designed for Hazardous Environments

Sioux's All-Electric steam cleaners, pressure washers and combination cleaners are ideal for indoor/outdoor use, and in hazardous environments. Unlike fuel-fired machines, Sioux's All-Electric line produces no fumes, exhaust or open flames. This makes our cleaners well suited for indoor application and enclosed spaces where air quality is a concern. Sioux's entire line of All-Electric steam cleaners are ETL listed, providing third-party certification to UL-1776 and the Canadian Standards Association CSA C-22.2 No. 68-92. This equipment meets the U.S. and Canadian National Electric Codes and complies with OSHA Regulation 1910.303(a).

Sioux® All-Electric cleaners can operate continuously without a decrease in the discharge temperature. No preheating or recover time is required, which means hot water is available within moments of startup. To install, just connect the cleaner to your plant's electrical source and water supply.

All-Electric Features:

The **electrical system** includes water-tight NEMA 4 enclosures, internal branch circuit fusing and components which meet NEC standards. Motor starters have thermal protection, oil-tight switches and indicator lights.

An optional **machine disconnect switch** allows users to shut off power at the machine.

The **heating element** is constructed of Incoloy® sheathed element rods, enclosed in a flanged, hydrostatically tested housing. Flanged heating elements are used on all H4 and H8 cleaners operating below 1,200 psi. High pressure H8 cleaners (1,200 through 3,000 psi) are equipped with encapsulated heating elements to reduce weight and improve machine stability.

Explosion-Proof, All-Electric Units

For Hazardous Environments

All models (steam cleaners, hot water pressure washers, and combination cleaners) can be built to explosion-proof specifications. Explosion-Proof units are designed for use in hazardous and potentially volatile environments. In addition to meeting the All-Electric standards above, Sioux explosion-proof models are also ETL certified to UL-1203, "Explosion-Proof and Dust Ignition-Proof Electrical Equipment for use in Hazardous (Classified) Locations," and Canadian CSA C22.2 No. 30-92.

"We have a Sioux® All-Electric steam cleaner that we've used every day since 1991. We use the unit to clean dies and it does the job!"

Bill Straton, General Supervisor
Cadillac Tool & Die
Flint, MI

SIoux Model EN-270-H4-3000-XP
All-Electric Hot Water Washer
5 GPM, 3000 PSI
Explosion-proof design for use
in hazardous locations





The **hose rack** provides convenient hose storage. An optional hose reel easily attaches to standard brackets furnished on all cleaners.

A **shut-off gun** stops hot water or steam discharge when the trigger is released. This feature increases operator safety and reduces energy and water usage. Shut-off guns are standard on pressure washers. An optional shut-off gun is available for steam cleaners and combination units.

An optional **advanced temperature control system** allows users to select an easily-adjustable, exact discharge temperature for optimum cleaning efficiency.

Value-Added Accessories

Cleaning Compounds

Sioux® Liquid A Steam & Pressure Cleaning Compound For Steam, Hot Water or Cold Water Cleaning

Sioux® Liquid A Steam and Pressure Cleaner Compound is a powerful, biodegradable, environmentally safe cleaning compound specially formulated for heavy industrial cleaning applications. Working in either soft or hard water, Liquid A creates adhesion between the dirt and the water or steam, which helps dissolve dirt from the surface quickly and thoroughly.

Built-in corrosion inhibitors lubricate the pump, while the cleaning compound adds speed and muscle to the toughest cleaning jobs, especially when removing grease and oil.

Sioux® Dry Coil Conditioner

Sioux® Dry Coil Conditioner is excellent for deliming the coil and plumbing system of your Sioux® Steam Cleaner, Hot Pressure Washer, or Combination Cleaner. It is extremely effective in removing

calcium and magnesium scale, hard water scale and other deposits.

The build-up of these mineral deposits can limit the flow of water through the coil and clog the plumbing system, reducing the performance and life of the equipment.

As Sioux® Dry Coil Conditioner cleans your coil and dissolves lime and scale, it changes color from bright red to yellow. In dry form, coil conditioner is a pink, granule, non-hygroscopic acid. In dry or solution form it is non-foaming, produces no corrosive gases and has no flash point.

Limited Warranty

A Warranty As Solid As Our Products!

All products manufactured by SIOUX STEAM CLEANER CORPORATION ("SIOUX") are warranted to the original purchaser to be free of defects in materials and workmanship, under normal use, for the period specified below. The warranty start date is the date which the customer takes title to the equipment (usually the ship date). This warranty applies to the original components only. Any part replaced under this warranty will be warranted for the remainder of the original part's warranty period. This warranty is subject to certain exclusions that are stated below.

LIFETIME WARRANTY: The brass manifolds on all HYPRO pressure washer pumps carry an unconditional lifetime warranty.

FIVE YEAR WARRANTY: Components which are manufactured by SIOUX, including Schedule 80 heating coils, frames, tanks and belt guards, carry a five year warranty. All other heating coils will be prorated at the rate of 25% per year after two years. Also covered under the five-year warranty are General and Giant pressure washer pumps as well as the internal components on the oil-end of all HYPRO POWERLINE® pressure washer pumps.

ONE YEAR MINIMUM WARRANTY: All other components, except maintenance and wear items described below, are warranted for the duration specified by the original component manufacturer, with a minimum period of one year.

WARRANTY PROVIDED BY OTHER MANUFACTURERS: Engines, generators, and motors are warranted by the manufacturers of these items, and are to be serviced through these manufacturer's local authorized service centers. SIOUX does not provide a warranty on these items.

REPLACEMENT PARTS: Replacement parts, except maintenance and wear items described below, will be warranted for the warranty period provided by the original component manufacturer.

ITEMS NOT COVERED BY WARRANTY: This warranty does not cover:

1. Equipment maintenance and service, including cleaning, lubrication, adjustments, and removing of obstructions.
2. Damage to equipment due to low voltage at the equipment, fluctuations in the electrical power supply, water supply, or fuel supply.
3. Maintenance and wear items, including such items as grease, oil filters, belts, hoses, strainers, seals, gaskets, quick couplers, brushes, O-rings, packing, pistons, valve assemblies, guns, wands, nozzles, etc.
4. Damage due to use or the environment, including chemicals, rust, scale build-up, corrosion, freezing, thermal expansion, fire, flood, earthquake or lightning damage.

5. Transportation to a service facility, field labor charges, or freight damage.
6. Damage or malfunctions resulting from misuse, negligence, alterations, incorrect installation, accidents, improper servicing, abuse, failure to follow manufacturer's installation, operating or maintenance instructions, use of the wrong fuel, oil, lubricants, or fluids, or use of equipment beyond the manufacturer's specifications.

TO OBTAIN WARRANTY SERVICE: Register your SIOUX equipment by completing and returning the Warranty Registration Card. To obtain warranty service from SIOUX, you must return the equipment to the SIOUX factory, freight prepaid, with serial number and proof of purchase, within the warranty period. A Return Authorization Number is required prior to returning any item. Call the SIOUX factory to obtain this number. SIOUX will not be responsible for any item returned without the Return Authorization Number clearly marked on the returned package. If SIOUX determines the problem was the result of the manufacturing defect, the equipment will be returned freight prepaid. Otherwise, it will be returned freight collect. For warranty service on motors, generators, or engines, which are warranted by their manufacturers, contact that manufacturer's authorized service center. If for any reason, you are unable to resolve the warranty claim to your satisfaction, write SIOUX STEAM CLEANER CORPORATION, One Sioux Plaza, Beresford, SD 57004, or fax 605-763-3334, Attn: Warranty Service Department, and provide a copy of the purchase invoice, the product serial number, model number, and details of the unresolved warranty claim.

LIMITATION OF LIABILITY: In no event shall SIOUX's liability exceed the contract price for the product. THE LIMITED WARRANTY DESCRIBED ABOVE SHALL BE EXCLUSIVE AND SHALL BE IN LIEU OF ANY OTHER WARRANTY (WHETHER WRITTEN, ORAL, EXPRESS OR IMPLIED) INCLUDING BUT NOT LIMITED TO ANY WARRANTY OF MERCHANTABILITY OR WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, ALL OF WHICH ARE HEREBY DISCLAIMED. IN NO EVENT WILL SIOUX STEAM CLEANER CORPORATION BE LIABLE FOR ANY LOSS, DAMAGE, DIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, BASED UPON WARRANTY, CONTRACT, NEGLIGENCE, SALE, USE OR REPAIR OF THE PRODUCT. SIOUX does not authorize any other party, including any SIOUX distributor, to bind SIOUX, or modify SIOUX terms, conditions, or limitations. It is buyer's responsibility to ensure that the product and installation conform to local and other codes; SIOUX cannot be responsible for how buyer chooses to install or use the equipment purchased.

Performance ratings are based on 60°F inlet water temperature and 70°F air temperature at sea level. Performance and continuous operating current may vary +/- 5%. The corporation reserves the right to make such changes as deemed advisable, which represent improvement of performance and/or reliability. This product is covered by one or more U.S. patents and/or U.S. patents pending. For warranty specifications and limitations of Sioux Steam Cleaner Corporation, see Limited Warranty. The information contained in this brochure does not constitute a warranty. © Copyright 2005 Sioux Steam Cleaner Corporation. No portion of this literature may be reproduced without express written permission of Sioux Steam Cleaner Corporation.

Sioux is the industry leader in application-specific designs.
Call us today to quote your specific application.



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