

Rugged, High Quality, Application-Specific Equipment

**Specializing in
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.



HEAT ♦ CLEAN ♦ STERILIZE DISINFECT ♦ DEGREASE ♦ DEGAS

Sioux offers over 500 standard models with a wide range of accessories and options. In addition, Sioux is the industry leader in custom designing to provide the exact equipment for your specific application. Sioux is well-known for manufacturing the longest lasting machines in the industry.

HOT PRESSURE WASHERS/ STEAM CLEANERS

Sioux's fuel fired hot pressure washers and steam cleaners are great to cut through dirt and grime with hot water, or to quickly remove grease and oil using steam.



- 1.7-8 GPM Steam @ 250 PSI, 320°F
- 2.2-5.3 GPM Hot Water @ 750-3500 PSI, 200°F

SOLUTION HEATERS



Sioux Corporation's solution heaters are designed for the heap leaching process used in precious metals mining. They are currently being operated in the U.S. and many other countries worldwide. The rugged, reliable design provides an instant, continuous supply of hot solution which increases stripping speed, therefore lowering overhead and increasing profit. Sioux solution heaters are easy to operate, and will last for many years with little maintenance.

- 1,000,000 - 3,000,000 BTU/hour
- Oil, LP or Natural gas firing

COLD PRESSURE WASHERS



Sioux's line of rugged Cold Pressure Washers are great for tough jobs where hot water or steam is not required, such as blasting away encrusted dirt and mud, or rinsing off surfaces.

- 3-24 GPM
- 1,000-10,000 PSI
- Electric Motor, Gasoline or Diesel Engine

ALL-ELECTRIC CLEANERS

All-Electric hot water pressure washers, steam cleaners, and combination units can be used indoors where conventionally-fired machines are prohibited. No preheating. No recovery time. No fuel tank or thermal storage tank. Steam cleaners produce 320°F water temperature prior to nozzle discharge. Hot pressure washers produce a continuous supply of 140° or 180°F hot water. Units are certified to UL 1776 and CSA 22.2 No. 68-92.



- 1-10 GPM, Pressure to 3,000 PSI
- Larger units are available.
- All-Electric water heating and water pump drive.
- Explosion-proof options available

STEAM-FLO® STEAM GENERATORS

The Steam-Flo® provides a dependable, economical, and portable source of low pressure steam for a variety of applications. The vessel is constructed from 1/4" boiler plate steel and will give years of service with minimal maintenance. Units meet ASME code, CSD-1, and NEC.



- 370-845 lbs. of steam/hr
- 10-25 Boiler HP
- Oil, LP or Natural gas firing
- Options include fuel tanks, trailer, stationary or skid mountings, insulation wrap, generators, water tanks, and more.

WATER HEATERS



Sioux water heaters are designed for use in concrete production, gold mining, and other applications that require instant and continuous hot water. These units are heavy-duty and simple to install and operate.

- 1,000,000 - 3,000,000 BTU/hour
- Oil, LP or Natural gas firing
- Options include alternate electricals, circulating and discharge pumps, storage tanks, and more.

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

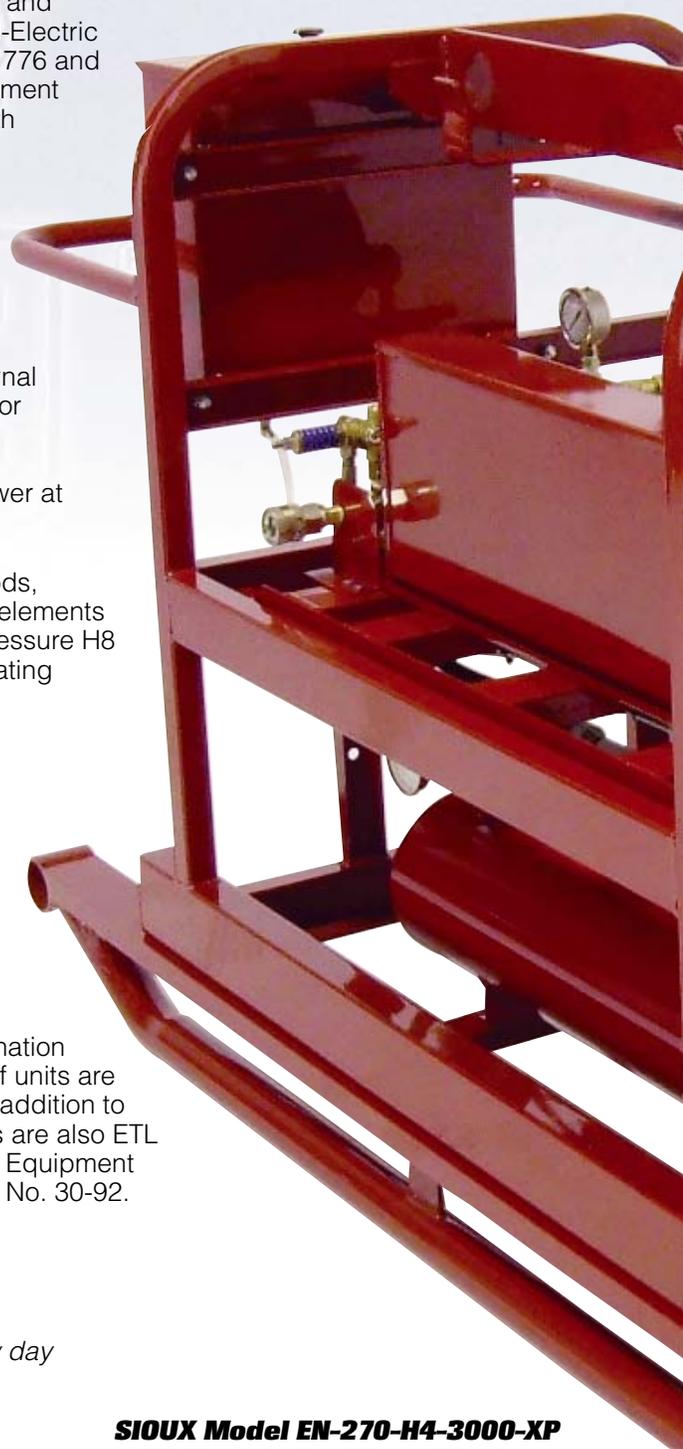
For Hazardous Environments

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.

Industrial Cleaning Chemicals **“The Best in the Business”**

Various Cleaning Options Available:

Sioux Steam & Pressure Degreaser- Heavy duty Industrial degreaser for use with steam pressure washers. Prevents scaling.

Sioux Brushless Truck Wash- Brushless truck vehicle cleaner, no VOCs, cuts road film & rinses film free. USDA Authorized A-1.

Sioux Low pH Degreaser- Low pH degreaser with Positive Emulsion technology. No EDTA to tie up metals. Safe for workers & the environment.

Sioux Alkaline Degreaser- The original Industrial degreaser & emulsifier. Patented formula produces fast, economical cleaning of oily soils. USDA Authorized A1

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 equipment manufactured by SIOUX CORPORATION ("Sioux") is 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. This warranty is subject to certain exclusions that are stated below.

Components which are manufactured by Sioux, including frames, tanks, heating coils, belt guards, etc., carry a twenty year prorated warranty in which the item will be prorated at the rate of five percent per year. All other components except maintenance and repair items specified below are warranted for the duration specified by the original 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 manufacturers' local authorized service centers. Sioux does not provide a warranty on these items.

REPLACEMENT PARTS: Replacement parts sold by Sioux except maintenance and wear items described below will be warranted for the warranty period provided by the original component manufacturer. Any part replaced under this warranty except maintenance and wear items described below will be warranted for the remainder of the original part's warranty period.

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, or 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, refractory materials, 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, and (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, detergent, lubricants, or fluids, use of contaminated or corrosive water, or use of equipment beyond 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 a manufacturing defect, the equipment will be repaired or replaced at Sioux's option and returned freight prepaid. Otherwise, the customer will be responsible for repair costs and the equipment 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 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 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 PRODUCTS, OR A FINDING OF JOINT AND SEVERAL LIABILITY. 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.

Until further notice this warranty does not apply to Sioux Dakota™ Series. See Form 847-2006-1 or consult factory for Dakota Series product warranty information.

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 Corporation, see Limited Warranty. The information contained in this brochure does not constitute a warranty. © Copyright 2008 Sioux Corporation. No portion of this literature may be reproduced without express written permission of Sioux Corporation.

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

CALL US TOLL-FREE AT (888) 763-8833

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