

Sioux Steam-Flo[®]

Low-Pressure
Steam Generator



SF-50 Oil Fired Steam Generator



Steam-Flo® Steam Generators

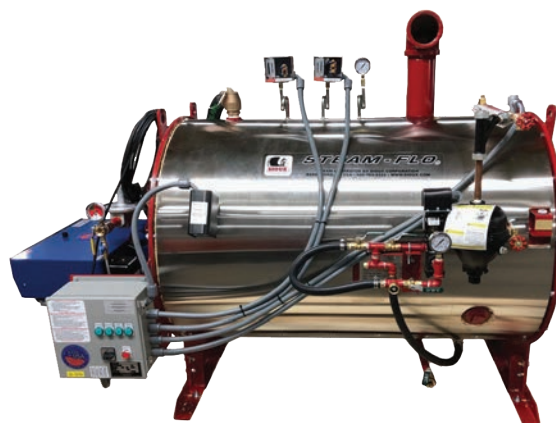
Sioux's Steam-Flo® has been the number one portable steam generator since 1939. A wide variety of models are in operation worldwide. The Steam-Flo® line provides low-pressure steam for a variety of commercial applications. The Steam-Flo® vessel is constructed from boiler plate steel, and will give years of service with minimal maintenance. Low water sensor switch and automatic water feeder maintain water level and provide low water shutdown.

- Registered with National Board of Boiler and Pressure Vessel Inspectors.
- Third party approved to UL508A and CAN/CSA-C22.2 No. 14-10.
- Canadian Registration Number.
- Meets requirements of CSD-I of the ASME Code.
- Built to Section IV of the ASME Code.
- 0-15 PSIG and 212°F - 250°F Steam

Features:	Benefits
3-pass dry back Scotch boiler	Smaller, lighter, and much more efficient than single pass designs. Saves space and reduces operating costs.
ASME approved	Vessels are inspected by Hartford Steam Boiler. This ensures a high standard of quality, performance, and safety.
Power burner	Consistent burn will save fuel and lower emissions.
Simple design and controls	Easy and quick to get unit up and running.
Fiberglass insulation with outer jacket	Increased efficiency, faster re-heating, and protects operators from hot surfaces.
Low-pressure steam	Low-pressure means most locations do not require a boiler license to operate. (Check with your local and state regulations)
Exhaust temperature limit, dual low water switches, dual pressure switches, and flame safety burner control	Multiple safety limits keep operators safe.

Applications

- Heat rail tank cars for transloading or unloading
- Clean interior of rail tank cars
- Sterilize greenhouse pots, trays, and planting containers
- Pasteurize soil at greenhouses and nurseries
- Accelerate the curing process in precast concrete, pipe, prestress and block operations
- Thaw and heat aggregates
- Thaw and de-ice tanks, culverts, well heads, lines, and valves
- Many other applications...

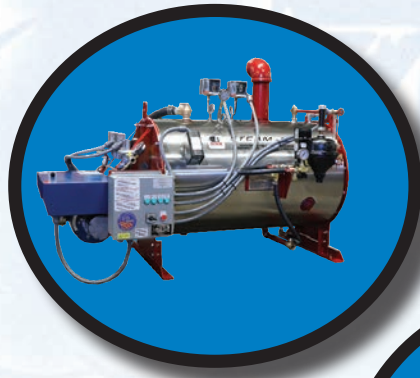


SF-25 LP/NG Fired, Leg Mount

Steam-Flo Lineup

SF-11

- 11 Boiler HP
- 380 Lbs/Hr Steam Output
- 115V/1/60 Hertz, 4 Amps
- Oil, Natural Gas, or LP burner



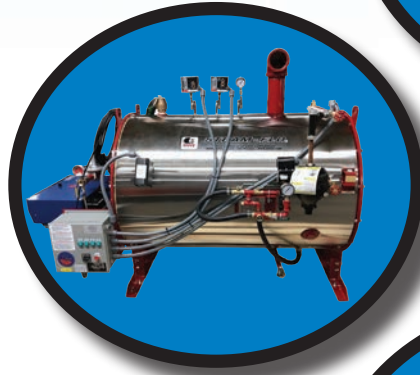
SF-20

- 20 Boiler HP
- 690 Lbs/Hr Steam Output
- 115V/1/60 Hertz, 3 Amps
- Oil burner



SF-25

- 25 Boiler HP
- 860 Lbs/Hr Steam Output
- 115V/1/60 Hertz, 4 Amps
- Natural Gas or LP burner



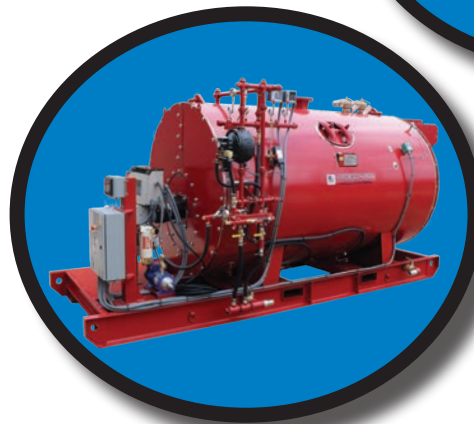
SF-50

- 50 Boiler HP
- 1,725 Lbs/Hr Steam Output
- 115V/1/60 Hertz, 10 Amps
- Oil, Natural Gas, or LP burner



SF-100

- 100 Boiler HP
- 3,450 Lbs/Hr Steam Output
- 230V/1/60 Hertz, 12 Amps
- Oil, Natural Gas, or LP burner

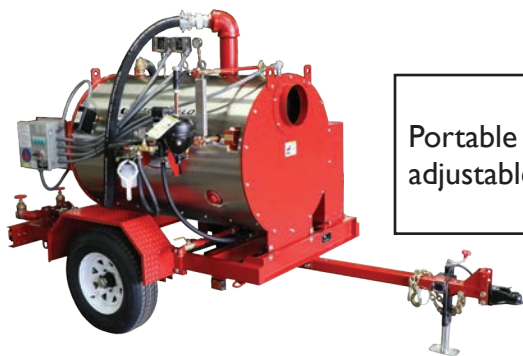


Custom Steam-Flo's

Custom steam generators for your specific application, please contact us.

All Electric Units • Low NOx Burners • Self Contained Units

Trailer Packages



Portable highway rated trailer option includes: 15" tires, fuel tank, adjustable ball hitch, LED lights, trailer jack, and safety chains.

Over the road highway rated tandem axle trailer with fuel tank, generator, water tank, adjustable ball hitch, LED lights, trailer brakes, trailer jack, and safety chains.



Over the road enclosed and insulated trailers are available for severe temperature environments. Turn-key units include fuel tank, industrial generator, water tank, feed pump, and electric trailer heater.

Accessories

- Condensate Return System - use as a closed loop system.
- Steam Hoses
- Steam Tarps
- Steam Socks for Soil Steaming or Concrete Curing
- Hose Connectors
- Poly Water Tanks
- Industrial Generators
- Water Treatment Systems



Condensate Return System

The Steam-Flo is also available as a Hot Water Boiler. (max pressure 30 PSI)
For this option consult factory for circulation pumps, controls, and other required accessories.

For better viewing, all guards, safety devices and signs are not necessarily shown. Some of the equipment shown or described throughout this brochure is available at extra cost. Sioux Corporation reserves the right to change or improve product design and specifications without prior notice. Since the time of printing, some of the info in this brochure may have been updated, ask your Sioux representative for details.

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