

Maintenance:

- Empty residual water out of the steam generator unit if not in regular use.
- Thoroughly flush out the steam generator with clean water at least once a month (if in a hard water area, more often). Only use a 50 / 50 mixture of white vinegar and water to remove the scale build-up from the steam boilers. Do not steam hay with this solution. Please call us with any questions.
- In addition to mandatory electrical tests, check the condition of the steam generator's plug, cord set and cable restraint at its joint with the boiler housing. Ensure that all warning labels are legible.
- Check the general condition and fit of the steam generator's filler cap and tank neck. Ensure that there is no damage or excess corrosion.
- Ensure that no hoses or fittings are damaged and that they fit correctly.
- Ensure that the thermometer probe on the inside of the hay chest lid is not damaged.
- When not in use, leave the hay chest latches open to ensure the seal gasket is not permanently under pressure.
- Clean out any loose hay and clear the drain hole in the base of the hay chest.
- Ensure that the hay chest steam manifold spike holes are clear of obstructions.
- Keep the hay chest lid seal and surrounding areas clean and free from loose strands of hay to ensure a good steam seal.

Contact us with any questions or concerns.

Thank you for your purchase!

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HAYGAIN

HAYGAIN
hay steamers

HG-1000
Full Bale Model

HAYGAIN

Unpacking your HAYGAIN HG-1000 Full Bale Hay Steamer:

- Steam chest with two fixed aluminum steam distribution manifold assemblies, installed thermometer and brass quick connect fittings.
- 2 x 120 volt, 1500 watt steam boilers with hoses, clip connectors and quick connect brass fittings.

If any of these parts are missing or damaged, please notify Jiffy Steamer Equine Division immediately at 1.800.525.4339.

Assembling your HAYGAIN Hay Steamer:

- Attach the hoses from the steam generators to the hay chest with the brass quick connect fittings.
- Fill steam generators with fresh water and plug unit into a 120 volt wall outlet. Avoid using extension cords if at all possible.
- Each steam generator will require 12.5 amps of power, so you may have to separate the steamers on two different circuits as required.

Safety:

Read all instructions prior to usage.

This equipment is designed for steaming hay and should not be modified in any way.

The steam generator and hay chest fittings become very hot during operation.

Use caution when loading and unloading bales and refilling steam generator with water.

Never put cold water into a hot boiler. Allow to cool for 5 minutes and then refill.

It is suggested to wear protective gloves, glasses and clothing while operating this unit. Keep children away.

All users of this equipment must be authorized and trained in its proper use.

Take care when opening bale immediately after steaming as it will be extremely hot.

ALWAYS:

- Check that the power cables and steam hoses are not kinked, trapped or damaged – do not use if damaged.
- Check that the hoses are securely attached to the steam generator and the hay chest.
- Ensure that both units are on level ground before operating.
- Disconnect electrical supply to steamer generator while filling or when not in use.
- Raise and lower the hay chest lid carefully... steam will escape as the lid is opened.
- Take care when opening either unit after use – CAUTION: STEAM IS HOT!

CAUTION:

- DO NOT operate steam generator(s) without hay in the hay chest.
- DO NOT use the steam generator(s) outdoors without proper coverage from the elements.
- DO NOT pull the steam generator(s) by the electrical cordset or the hoses.
- DO NOT overfill the steam generator(s). 1 gallon of water per filling.
- DO NOT over tighten the steam generator filler cap(s). Hand-tighten only.
- DO NOT use any type of additives.
- DO NOT remove the steam generator filler cap(s) during operation.
- DO NOT detach the steam generator hose(s) during operation.
- DO NOT open either unit during operation.
- DO NOT carry or move the steam generator(s) when in use.
- DO NOT allow people or animals to get inside the hay chest.
- DO NOT stand on or drop the steam generator(s) or hay chest.

Operation:

Remove the filler cap on the steam generator units and fill with one (1) gallon of clean water. *Ensure that no objects such as hay or shavings are mixed with the water.* Plug into the electrical supply but do not turn on switch yet. The HAYGAIN will process one complete bale of hay, several hay nets or wedges from a bale. Drop a fully-strung bale (nets or wedges) onto the steam manifolds and ensure that it sits evenly. (For hay nets, take two or three segments from a bale and load into hay net; several nets can be processed at once; ensure that all spikes are covered with hay.) *Push down firmly so the aluminum spikes pierce the hay to their full length.* It is a good idea to “top dress” the hay with 1 gallon of water to ensure a thorough cook. The water droplets will make contact with the steam and act as conductors of the heat. Lower and secure the lid with the two latches. Switch on the electrical supply to the steam generators by turning the rotary switch on the rear of the units to the 3 o’clock position (STEAM POSITION). The HAYGAIN unit will start to produce steam after approximately 15 minutes, depending on water temperature. Allow the hay to steam for a further 50 minutes or until the lid thermometer reads 175°F+ or 80°C+ (this will correspond to 212°F+ or 100°C+ in the bale) which allows the steam to penetrate the hay fully and is essential to process it properly. Both manifolds must be completely covered by hay during steaming. During the steam cycle, you will notice that water will drip from the drain hole in the bottom of the unit. This is normal, and it is important to keep this hole clear of debris. Then switch off the power supply on the steamers and unplug cord sets from the wall outlets. The steam chest is manufactured from high performance materials which are designed to flex with changing temperatures and enables the emission of steam prior to the completion of the steam cycle.