S-120

Foam Machine User Manual



RoHS

English • Français • Deutsch

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Antari S-120 Foam Machine

Congratulations on the purchase of your new ANTARI Foam Machine.

Introduction
Thank you for choosing an ANTARI Special Effects Machine. You now own a rugged and powerful state-of-the-art machine. Prior to use, we suggest that you carefully read all of the instructions. By following the suggestions found in this user manual, you can look forward to the reliable and satisfactory performance of your ANTARI Foam Machine for years to come.

Please follow these operation, safety and maintenance instructions to ensure a long and safe life for foam machines.

CAUTION

Danger of electric shock

- Keep this device dry.
- For inside use only. Not designed for outside use.
- For the 110V models, use 3-prong grounded electrical outlet only. Prior to use take care to determine that the unit is installed at the rated voltage.
- Always unplug your ANTARI Snow or Foam Machine before filling its tank.
- Keep foam machine upright.
- Turn off or unplug when not in use.
- This machine is not water- or splash-proof. If moisture, water, or snow/foam liquid gets inside the housing, immediately unplug the unit and contact a service technician or your ANTARI dealer before using it again.
- There are no user serviceable parts inside. Refer to your ANTARI dealer or other qualified service personnel.
- For adult use only. These machines must be installed out of the reach of children. Never leave the unit running unattended.
- Never aim the output nozzle directly at people.
- Locate the machine in a well-ventilated area. Never cover the unit's vents. In order to guarantee adequate ventilation, allow a free air space of at least 20 cm around the sides and top of the unit.

Danger of explosion

- Never add flammable liquids of any kind (oil, gas, perfume) to the snow liquid.

Pay attention to all warning labels and instructions printed on the exterior of your ANTARI Foam Machine.

- Use only the high-quality foam liquid that your dealer recommends.
- Always make sure there is sufficient liquid in the machine's liquid tank.
- If your ANTARI machine fails to work properly, discontinue use immediately. Drain all liquid from the tank, pack the unit securely (preferably in the original packing material), and return it to your ANTARI dealer for service.

Unpacking & Inspection
Open the shipping carton and verify that all equipment necessary to operate the system has arrived intact. Accompanying the S-120 foam machine should be a hanging bracket and fluid tank. If any equipment is missing contact your ANTARI dealer immediately.

Before beginning your initial setup on the ANTARI Foam Machine, make sure that there is no evident damage caused by transportation. In the event that the unit's housing or cable is damaged, do not plug it in and do not attempt to use it until after contacting your ANTARI dealer for assistance.

Setup
- Remove all packing materials from shipping box. Check that all foam and plastic padding is removed, especially in the nozzle area.
- Place the machine on a flat surface and remove the liquid tank cap.
- Fill with ANTARI Foam Liquid or other dealer-recommended high-quality water-based snow or foam fluid. Any other types of fluid can damage the unit. When filled, place cap back on liquid tank.

Installation
The Foam Machine may be installed at floor level or suspended overhead. Install the Foam machine in a well-ventilated area. Never cover the unit's vents. In order to guarantee adequate ventilation, allow a free air space of at least 20 cm around the sides and top of the unit. Install the device out of the public area. Please consider that liquid may be spilt during operation around the device. The resulting slippery surface can cause accidents. Position output of foam away from persons. The minium distance should be 1.5 m. Only install the machine on scratch resistant and water resistant surfaces.

Please make sure that the inclination angle does not exceed 15°.



DANGER OF FIRE!
When installing the device, make sure there is no highly-inflammable Material (decoration articles, etc.) within a minimum distance of 0.5 m.

This device is constructed for a standing installation only. If the device is to be installed overhead, the following safety instructions are binding:
The installation of the device has to be built and constructed in a way that it can hold 10 times the weight for 1 hour without any harming deformation.



DANGER TO LIFE!
Please consider the EN 60598-2-17 and the respective national norms during the installation! The installation must only be carried out by an authorized dealer!

The installation must always be secured with a secondary safety attachment, e.g. an appropriate catch net. This secondary safety attachment must be constructed in a way that no part of the installation can fall down if the main attachment fails.
When rigging, derigging or servicing the device staying in the area below the installation place, on bridges, under high working places and other endangered areas is forbidden.

The operator has to make sure that safety-relating and machine-technical installations are approved by an expert before taking into operation for the first time and after changes before taking into operation another time.

The operator has to make sure that safety-relating and machine-technical installations are approved by an expert after every four year in the course of an acceptance test.

The operator has to make sure that safety-relating and machine-technical installations are approved by a skilled person once a year.

Procedure:
The device should be installed outside areas where persons may walk by or be seated.

IMPORTANT! OVERHEAD RIGGING REQUIRES EXTENSIVE EXPERIENCE, including (but not limited to) calculating working load limits, installation material being used, and periodic safety inspection of all installation material and the device. If you lack these qualifications, do not attempt the installation yourself, but instead use a professional structural rigger. Improper installation can result in bodily injury and or damage to property.

The device has to be installed out of the reach of people.

If the device shall be lowered from the ceiling or high joists, professional trussing systems have to be used. The device must never be fixed swinging freely in the room.

Caution: Devices in hanging installations may cause severe injuries when crashing down! If you have doubts concerning the safety of a possible installation, do NOT install the device!

Before rigging make sure that the installation area can hold a minimum point load of 10 times the device's weight.

Mount the device to your trussing system using an appropriate clamp.

For overhead use, always install a safety-rope that can hold at least 12 times the weight of the fixture. You must only use safety-ropes with quick link with screw cap. Pull the safety-rope through the hole in the mounting-bracket and over the trussing system or a safe fixation spot. Insert the end in the quick link and tighten the safety screw.
The maximum drop distance must never exceed 20 cm.
A safety rope which already has held the strain of a crash or which is defective may not be used again.
Adjust the desired inclination-angle via the mounting-bracket and tighten the fixation screws.



DANGER TO LIFE!

Before taking into operation for the first time, the installation has to be approved by an expert!

Operation

- Plug power cord into a grounded electrical outlet. Turn the power switch on rear of unit to the "ON" position.
- The machine will begin producing foam as soon as it is turned on. To stop the foam, turn the power switch to the “OFF” position.

***Important**: Always monitor tank fluid level during operation.*
Running a foam machine without fluid can permanently damage the unit.

If you experience low output, mechanical noise or no output at all, unplug immediately. Check fluid level, the external fuse, remote connection, and power from the wall. If all of the above appears to be O.K., plug the unit in again. If you are unable to determine the cause of the problem, do not simply continue pushing the remote button, as this may damage the unit. Return the machine to your ANTARI dealer.

Maintenance

Do not allow foam liquid to become contaminated. Always replace the caps on the liquid container and the snow machine liquid tank immediately after filling.
Before storing, flush out system with clean water.

Foam Liquid

Fill with ANTARI Foam Liquid or other dealer-recommended high-quality water-based snow or foam fluid. Any other types of fluid can damage the unit.

Save these instructions.