OPERATION MANUAL

STALLION 0602 BPH HOT SPOTTER

IMPORTANT SAFETY INSTRUCTIONS

WARNING: Failure to observe these instructions can cause personal injury to machine operator or bystanders.



WARNING: Shock or electrocution hazard. ALWAYS unplug machine before performing any maintenance or service.



WARNING: Shock or electrocution hazard. **NEVER** connect this machine to an electrical outlet that is not properly arounded.

INTENDED USE

The Stallion Hot Spotter is intended for commercial use, cleaning and extracting floors, furniture, draperies and automobile interiors in an indoor environment. This machine is intended for Wet pickup only. NSS does not recommend using these machines for any other purpose.

FOR SAFETY

- ALWAYS read and understand all instructions before operating or servicing machine.
- ALWAYS use this machine ONLY as described in this manual.
- NEVER attempt to operate this machine unless you have been trained in its operation.
- NEVER allow an untrained person to operate this machine.
- **NEVER** leave the machine plugged in to the electrical outlet when not in use.
- NEVER unplug the machine from an electrical outlet until after the machine is turned off.
- NEVER attempt to operate this machine if it is not working properly or has been damaged in any manner.
- NEVER operate this machine in standing water.
- NEVER disconnect or modify any switches or safety devices.
- NEVER operate this machine if the cord and / or plug has been damaged, broken, cut, abraded or taped.



WARNING: Fire or explosion hazard. **NEVER** use to pick up flammable or combustible liquids, or any thing that is burning or smoking, such as cigarettes, matches or hot ashes.

NEVER operate this machine in an explosive atmosphere (grain dust, flammable liquids or fumes, etc.

- ALWAYS replace the entire cord when the cord or plug is damaged in any way.
- NEVER handle the machine, cord, or plug with wet hands.
- NEVER drop or insert any object into any machine opening.
- NEVER operate this machine with any air opening blocked.
 - Keep all air openings free of dust, lint, hair, etc.
- **NEVER** pull or carry the machine by it's electrical supply cord, use the cord as a handle, close a door on the cord, pull the cord around sharp edges or corners, expose to heated surfaces, run machine over cord, or set heavy or sharp objects on the cord.
- **NEVER** unplug by pulling on the cord. To unplug the cord from the outlet, grasp the plug, not the cord.
- **NEVER** allow this machine to be used as a toy. Close attention is necessary when used by or near children.
- ALWAYS use extreme care when cleaning on stairs or when machine is placed on stairs.
- ALWAYS place this machine on a firm flat surface.
- NEVER use any attachments other than the manufacturers recommended attachments.
- NEVER expose the machine to rain, snow, or extreme temperatures.
- ALWAYS store this machine indoors in a dry, cool area.
- ALWAYS use caution when operating this machine as temperatures of water may exceed 200° F.

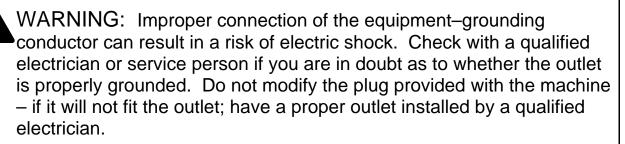
ALL REPAIR SERVICE MUST BE PERFORMED BY AN NSS AUTHORIZED DISTRIBUTOR / SERVICE STATION USING ONLY NSS ORIGINAL EQUIPMENT PARTS.

SAVE THESE INSTRUCTIONS



IMPORTANT SAFETY INSTRUCTIONS

GROUNDING OF ELECTRICAL EQUIPMENT



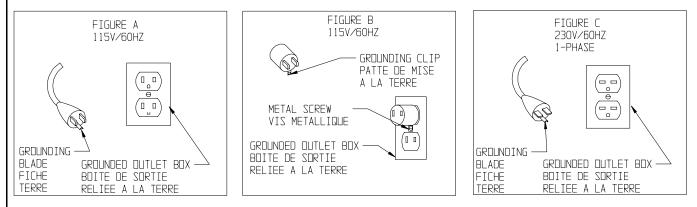
Always use a properly grounded 3-wire extension cord, which has male and female plugs. If 25 foot extension cords are used, the electrical carrying capacity should be no less than 14-3 ST., 50-foot extension cords no less than 12-3 ST.

GROUNDING INSTRUCTIONS

This machine shall be grounded while in use to protect the operator from electric shock. The machine is provided with a three-conductor cord and a three-contact grounding type attachment plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances. The green conductor in the cord is the ground wire. Never connect this wire to other than the grounding pin of the attachment plug.

Check nameplate on the machine to be sure **voltage** and **cycle** stated is the same as the electrical outlet. Do not attempt to plug a 120-volt machine into a 240-volt outlet or a 240-volt machine into a 120-volt outlet. If the machine is provided with an attachment plug as shown in Figure A. below, it is intended for use on a nominal 120-volt circuit. If a properly grounded receptacle as shown in Figure A. is not available, an adapter may be installed as shown in Figure B. if the outlet box that houses the receptacle is grounded. Be sure to fasten the grounding tab (the green colored rigid ear, lug or the like extending from the adapter) with a metal faceplate screw.

If the machine is provided with an attachment plug as shown in Figure C., it is intended for use on a nominal 240-volt circuit. No adapter is available for this plug.



NOTE: In Canada, the use of a temporary adaptor is not permitted by Canadian electrical code.

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GENERAL INFORMATION

- Now that the machine is unpacked remember to recycle all packing materials.
- Inspect the machine for damage or missing components. If damage is found, contact the local freight company to file a freight claim.

MACHINE OPERATION

WARNING! BE AWARE WATER TEMPERATURE MAY EXCEED 200° F. USE CAUTION WHEN OPERATING THIS MACHINE.

SPOTTING PROCEDURES PRIOR TO OPERATING MACHINE.

- Soak up excess liquids with a towel.
- Test cleaner on a small inconspicuous area to make sure it will not damage the carpet fibers.
- Apply appropriate spotter, following directions on the bottle.

OPERATING THE MACHINE.

- UNPLUG machine before attempting to fill with water and position switch to the middle "OFF" position.
- Unscrew the solution tank cover (black lid at the rear of the machine) and pour in 1 1/2-gallons of the warmest water possible. (This will shorten heating time).
- BE SURE TO FILL WATER TO THE LID EDGE! It will not heat unless entirely full.
- Replace the lid and plug the machine into an electrical outlet.
- Toggle the power switch to "HEAT". The orange light will come on indicating the heating cycle has begun.
- When water temperature reaches it's maximum temperature, the light will go off indicating the machine is ready for use.
 Note 110°F water heats to 200°F in 8 minutes.
- Make sure the recovery tank lid (black lid in the
- center of the machine) is on tight.
- Toggle the power switch to "Vacuum".
- Pull trigger to release water from nozzle until hot water transfers through the length of solution hose.
- Start at outside edges of stain and work toward the center. Use a dabbing, not a rubbing action.
- Repeat procedure if needed.

CAUTION!

DO NOT CONTINUE TO USE THE MACHINE AFTER THE RECOVERY TANK IS FULL. THIS WILL DAMAGE THE VACUUM MOTOR AND IS NOT COVERED UNDER WARRANTY.

MAINTENANCE

Daily Maintenance

At the completion of **every use** you must perform these simple procedures to ensure proper machine operation and cleaning performance.

- Toggle the Power Switch to the MIDDLE position to turn both the vacuum motor and the solution pump OFF.
- DISCONNECT THE POWER CORD.
- Move the machine to a designated wastewater "DISPOSAL SITE".
- Disconnect the Hose Assembly from the machine.
- Tip the Recovery Tank and drain through hose connection port.
- Tip the Solution Tank and drain unused water or solution. Rinse the tank thoroughly of any debris or cleaning chemical residue.
- Unscrew the tank covers and set aside to allow for air-drying and prevention of odor buildup.
- Remove the spray tip (1/4 turn) from the upholstery tool and put them in a glass or plastic container with a solution of 25% vinegar and water overnight to remove any chemical residue.

Note: To flush out or clean the solution tank, hose and spray tip, make a one-gallon solution of 25% vinegar and warm water, and pour it into the solution tank. Turn on the switch, spray until all of the solution has run through the pump and spray tips to remove any chemical residue. Failure to flush the solution system will result in poor spray patterns and corroded jet spray tips.

Weekly Maintenance

- Verify that all daily maintenance has been done.
- Sanitize the recovery tank to help prevent bacteria and odor buildup.
- Inspect the entire machine and accessories for worn or damaged components. Repair or replace components as required.

Monthly Maintenance

Verify that all weekly maintenance has been done.

Routine Maintenance

After 500 hours of operation the vacuum motor carbon brushes must be inspected for wear by an authorized service center. Failure to inspect motor carbon brushes for wear can result in poor machine performance and a reduction of motor service life. Repair service for this machine must be performed by an authorized service center. Repair service performed by an unauthorized service companies will void the machine warranty coverage.

TROUBLESHOOTING

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Symptom	Cause	Solution
Will not heat (but vacuum comes on).	Water level too low.	Fill water to top edge of lid ring.
No solution from spray nozzle tip.	Nozzle tip plugged.	Disassemble and clean.
	Check quick-disconnect fitting.	Reconnect fitting onto machine.
	Solution tank empty.	Refill to absolute top of lid ring.
	Pump failed.	Replacement required.
	Defective pump seal.	Replace pump.
	Kinked solution hose.	Straighten hose.
Poor water pickup	Vacuum hose cuff is not firmly	Push hose cuff onto fitting.
	pushed onto recovery tank fitting.	Check for cracks in hose.
	Vacuum motor intake filter is clogged.	Remove and clean filter.
	Vacuum gasket between tanks is worn or damaged.	Replace gasket.
	Recovery tank lid not sealing.	Replace or tighten lid.
	Left exposed in freezing conditions.	Refer to Service Center.
Overheats and boils water.	Float level switch in solution tank may be damaged.	Replace float switch.
	Thermostat Failure.	Replace thermostat.
Plugged into outlet, nothing comes on.	Overloaded circuit breaker.	Circuit breaker reset. Unplug other electrical items on same circuit.

Repair service for this machine must be performed by an NSS authorized service center. Repairs performed by an unauthorized company will void the machine warranty. If you require assistance finding an authorized service center, contact NSS Enterprises.

COMMON STAINS AND TREATMENT METHODS

STAIN TYPE	TREATMENT MATERIAL
	Volatile solvent / detergent
Beer	1 0 /
Porny stain	vinegar Liquid detergent,
Berry stain	Ammonia 3-6%, Water
Bleach	
Blood (dried)	
	Ammonia 3-6%, Water
Blood (wet)	Liquid detergent, Water
Butter	Volatile solvent
Catsup or Mustard	Liquid detergent
Chewing gum	Volatile solvent
Chocolate	Liquid detergent,
	Ammonia water
Coffee	Detergent, White vinegar,
	Volatile solvent
Cola drink	Liquid detergent
Creme de Menthe	Liquid detergent
(green)	
Egg (raw)	Liquid detergent
Food dye	Liquid detergent, Water
Furniture dye polish	Paint/Oil/Grease remover, Detergent
Gravy	Liquid detergent

STAIN TYPE Lipstick Mascara Milk	TREATMENT MATERIAL Paint / Oil / Grease remover, Paint remover, Volatile solvent, Detergent, Water Liquid detergent
Orange drink	Liquid detergent, Water
Shoe polish	Heated iron into clean towel, Volatile solvent
Теа	Liquid detergent
Tomato Juice	Liquid detergent
Urine	Liquid detergent, Water
Vomit	Warm detergent, Water, White vinegar
Wine	Liquid detergent, Ammonia 3-6%, Water, Vinegar



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