

# 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 grounded.



**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.

### 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.
- **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**





## 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

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.
Poor water pickup	Kinked solution hose.	Straighten hose.
	Vacuum hose cuff is not firmly pushed onto recovery tank fitting.	Push hose cuff onto fitting.
	Vacuum motor intake filter is clogged.	Check for cracks in hose. Remove and clean filter.
	Vacuum gasket between tanks is worn or damaged.	Replace gasket.
	Recovery tank lid not sealing.	Replace or tighten lid.
Overheats and boils water.	Left exposed in freezing conditions.	Refer to Service Center.
	Float level switch in solution tank may be damaged.	Replace float switch.
Plugged into outlet, nothing comes on.	Thermostat Failure.	Replace thermostat.
	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	STAIN TYPE	TREATMENT MATERIAL
Asphalt.....	Volatile solvent / detergent	Lipstick.....	Paint / Oil / Grease remover,
Beer.....	Liquid detergent, White vinegar	Mascara.....	Paint remover, Volatile solvent, Detergent, Water
Berry stain.....	Liquid detergent, Ammonia 3-6%, Water	Milk.....	Liquid detergent
Bleach.....	Liquid detergent, Water	Orange drink.....	Liquid detergent, Water
Blood (dried).....	Warm detergent, Ammonia 3-6%, Water	Shoe polish.....	Heated iron into clean towel, Volatile solvent
Blood (wet).....	Liquid detergent, Water	Tea.....	Liquid detergent
Butter.....	Volatile solvent	Tomato Juice.....	Liquid detergent
Catsup or Mustard.....	Liquid detergent	Urine.....	Liquid detergent, Water
Chewing gum.....	Volatile solvent	Vomit.....	Warm detergent, Water, White vinegar
Chocolate.....	Liquid detergent, Ammonia water	Wine.....	Liquid detergent, Ammonia 3-6%, Water, Vinegar
Coffee.....	Detergent, White vinegar, Volatile solvent		
Cola drink.....	Liquid detergent		
Creme de Menthe..... (green)	Liquid detergent		
Egg (raw).....	Liquid detergent		
Food dye.....	Liquid detergent, Water		
Furniture dye polish.....	Paint/Oil/Grease remover, Detergent		
Gravy.....	Liquid detergent		



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