

Swan series



MajesticFlagstore.com
618-969-9444

SOFT SURFACE

Manufacturer of commercial & environmental cleaning equipment

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Specifications: (SW-1)

- ~ rotationally molded polyethylene body
- ~ molded carry/pull handle with cord and hoses storage
- ~ one 2 stage vacuum motor
- ~ 60 psi pump
- ~ 2 gal. solution tank
- ~ 3.5 gal. recovery tank
- ~ polyethylene recovery tank lid
- ~ 120 volt AC with 7 amperes (MAX 9 amp.)
- ~ 12' solution hose & 3:1 4' vacuum hose
- ~ 4" detail hand tool
- ~ 2 / 5" rear wheels
- ~ 2 / 2" front casters
- ~ 25' electric cable
- ~ shipping weight 30 pounds

Options:

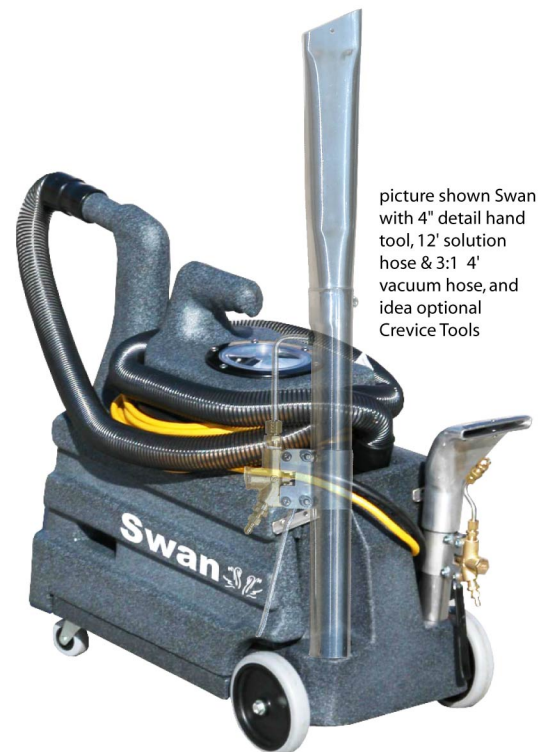
- ~ other vacuum motors & pumps available
- ~ In-line heater 
- ~ other tools available



picture shown optional Crevice Tool using with swan



Crevice Tool is specially designed for hard to reach corners and edges of relatively small area



picture shown Swan with 4" detail hand tool, 12' solution hose & 3:1 4' vacuum hose, and idea optional Crevice Tools

standard color: grey granite

CAUTION: Do not use flammable and volatile material.



Swan

Series

Portable Heavy Duty Carpet Cleaner (Spotter)
Owner's Manual



Manufacturer of
commercial & environmental cleaning equipment

CAUTION

When the machine is delivered

Check the carton and machine carefully for signs of rough handling. If the unit is damaged, notify the carrier immediately and request an inspection. Be sure to keep the carton, packing inserts, packing list and carrier's receipt until the inspector has verified your claim.

General precautions

Make sure the machine is plugged into an electrical outlet with the same voltage as shown on the unit.

Warning

This spotter was designed for use on carpet, floor and upholstery applications as per instructions and recommendations written in this manual. Any deviation from its proper use or purpose and the consequential damage that may occur is the sole responsibility of end user.

Do not use volatile substances such as gasoline, kerosene, or any petroleum based solvent in the machine or anywhere near the cleaning area. The use and presence of such materials could cause an explosion and fire.

Turn off the pump, when solution tank is empty. Operating spotter with dry pump will damage the pump.

Do not use heater without water or solution liquid inside the heater. (model with optional heater). The use of spotter without liquid in the heater could cause serious damage to your spotter.

Do not expose machine to extreme temperatures.
Do not attempt repair of machine, see your authorized service dealer.
Do not use unauthorized replacement parts.

This spotter was tested before shipping, in most case some water or anti freeze might remain in the plumbing system, we suggest flushing it out before using it. Make sure to use anti freeze for storage if you are located in extreme cold weather.

TROUBLE-SHOOTING CONT.

Vacuum System		
Problem	Possible Cause	How to Repair
Vacuum motor on, little or no vacuum or suction to head (wand/upholstery tool)	<ol style="list-style-type: none"> 1. Lid is not closed 2. Hose or tool clogged 3. Accumulated dirt on the filter 4. Lint and dirt build-up on tool 5. Damaged vacuum hose 6. Loose or no vacuum hose connection inside the machine 7. Lint accumulation in vacuum fans 8. Vacuum motor gasket wear out or compress 	<ol style="list-style-type: none"> 1. Close the lid 2. Clean hoses and tool 3. Clean or replace the filter 4. Clean the tool 5. Replace 6. See authorized repair personnel 7. See authorized repair personnel 8. Replace gasket
Vacuum motors run intermittently		See authorized repair personnel.
ETC.....		
Problem	Possible Cause	How to Repair
No water from the jet	<ol style="list-style-type: none"> 1. Machine not plugged in (or circuit breaker off) 2. Switch is not turned on (bad switch?) 3. Empty solution tank 4. The hose is not connected properly 	<ol style="list-style-type: none"> 1. Plug in working outlet 2. Turn the switch on. See authorized repair personnel for new switch 3. Fill the solution tank with water 4. Connect hose properly
Water or foam coming out from exhaust	<ol style="list-style-type: none"> 1. Over foaming of water in recovery tank 2. Too much water in the recovery tank 	<ol style="list-style-type: none"> 1. Put defoamer in the recovery tank or <u>put it in the end of vacuum hose with vac. motor running</u> 2. Drain the recovery tank

**DO NOT ATTEMPT REPAIR ON THE MACHINES,
CONTACT AUTHORIZED REPAIR SHOP OR DEALER**

Disconnect Power Cords from the outlet before doing any maintenance work

Trouble-Shooting

Electrical System		
Problem	Possible Cause	How to Repair
No electrical power	1. Check the outlet & the plug 2. Damaged cord 3. Circuit breaker off or fuse blown	1. Plug in properly 2. Contact authorized repair personnel 3. Flip circuit breaker on or replace fuse. Unplug other equipment using the same circuit. Make sure cords plugged into proper amp circuits.
Switch is turned on, power is intermittent to all motors	1. Faulty electrical cable 2. Defective switch 3. Loose terminal or corroded connector	1 to 3: Contact authorized repair personnel
Electric shock	1. Equipment not grounded	Contact authorized repair personnel
Pump System		
Problem	Possible Cause	How to Repair
Pump motor stopped	1. Thermal overload (overheated) 2. Damaged motor or rectifier 3. Pump switch defective 4. Loose wire connection 5. Faulty motor	1. Turn off the pump and heater switch and wait 20 - 30 minutes for the pump to cool down. 2. to 5: Contact authorized repair personnel
Loss of pump pressure with tool valve open and/or uneven or weak spray from the jet tips	1. Clogged or dirty spray - tip 2. Accumulated dirt in solution line 3. Dirty or clogged filters 4. Malfunction in the tool valve 5. Hose quick connect bad or clogged with lint.	1. Clean jets 2. Clean 3. Clean 4. to 5: Contact authorized repair personnel

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Owner's Warranty Information

Date of Purchase:
Serial Number:
Model Number:
Purchased From [Dealer Name]:
Address:
City, State, Zip:
Telephone:

Keep for your own records

LIMITED WARRANTY

All equipment and accessories are thoroughly inspected and tested before leaving the factory. They are warranted to be free of defects from workmanship and material for one year from date of original purchase.

(Proof of purchase is required)

LABOR = 90 days from initial purchases

PARTS = 1 year, excluding normal wear item's

Should any trouble develop during this period, return the item, freight prepaid, to the factory with the factory issued RETURN AUTHORIZATION NUMBER (RAN) If inspection shows the trouble to be caused by defective workmanship or material, the factory will repair (or at our option, replace) without charge those items. If it is determined to be a warrantable repair the freight back will be pre paid by the factory. No credit will be allowed for items returned as defective without the above mentioned (RAN) number and the determination that it is defective.

Proof of purchase is necessary establishing the date of original sale.

That should be the Registration & Receipt of "WARRANTY REGISTRATION PAGE". It is extremely important to register your purchase by sending the page back within 10 days of purchase.

This warranty is in lieu of all other warranties expressed or implied and no person is authorized to give any other warranty, assume obligation or liability on the factory's behalf.

This warranty does not apply when:

- Repairs have been made or attempted by others
- Repairs are required because of normal or natural wear and tear
- Items have been abused, misused or improperly maintained
- Modifications or alterations have been made to the equipment

LIMITATION OF REMEDY:

In no event shall seller be liable for any incidental, consequential or special damages of any kind or nature whatsoever. Including but not limited to lost profits arising from or in anyway connected with this agreement or items sold hereunder, whether alleged to arise from breach of contract, express or implied warranty, or in tort, including without limitation, negligence, failure to warn or strict liability.

ENTIRE AGREEMENT / GOVERNING LAW:

This agreement and warranty shall be governed in all respects by the law of the State of California. No actions arising out of the items sold hereunder or this Agreement may be brought by either party more than two (2) years after the cause of action occurs. All mediation or litigation will take place in the County of Los Angeles in California.

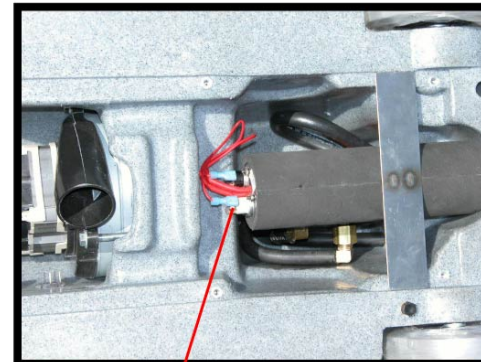
Trouble-Shooting

Vacuum System		
Problem	Possible Cause	How to Repair
Heat doesn't come on	1. Heat switch OFF	1. Turn on heater switch (locate heater switch-see machine over view on page 7 and 8)

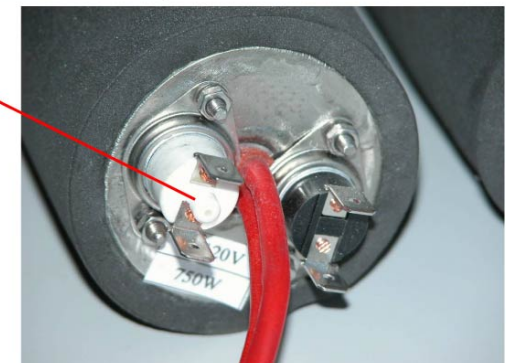
SUGGEST SERVICE CENTER REPAIRS FOR BELOW

Possible Cause	How to Repair
2. Check thermostat-it's either ON or OFF (see below images)	2. re-set
3. Heating element is burned out	3. Check w/service center

CAUTION: when electric power is on protect yourself from electric shock & heat!



thermostat



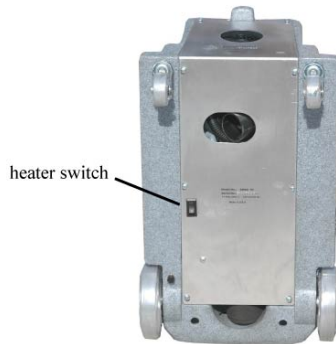
UNITS WITH IN-LINE HEATER

IN LINE HEATER (H31 OR H33)

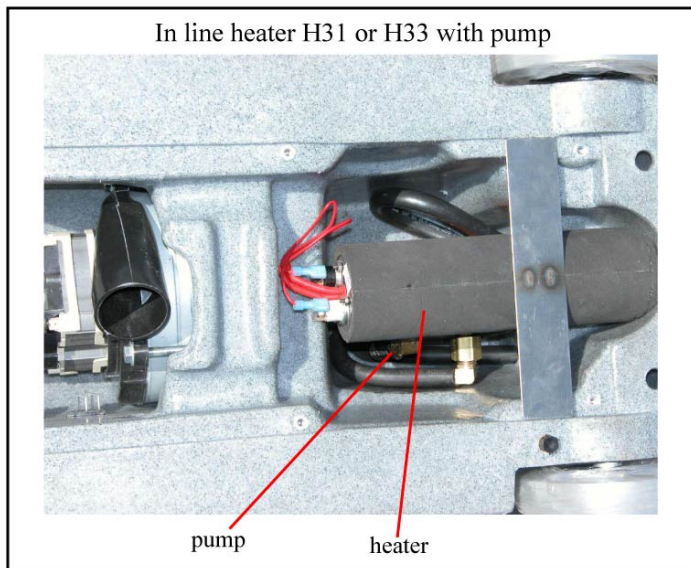
Before turning on heater power, make sure to connect solution hose and desired tool. Fill solution tank with water and turn your machine pump on. Make certain to bleed air out of system before use. To check that all air is out of heater open trigger valve and spray till clear. Turn heater switch ON (bottom of base plate, see below image) and wait approximately 3-4 minutes to heat up. The in line heater has a pre-set thermostate for 210 degrees F. **NOTE:** Make sure to turn "OFF" heater switch when you don't use hot water.

Keep tank clean and do not use any flammable products.

Do not use heater without water or solution liquid inside the heater or in the solution tank. The use of spotter without liquid in the heater could cause serious damage to your spotter.



unit with heater



WARRANTY REGISTRATION

PLEASE PRINT OR TYPE

PURCHASED FROM:

ADDRESS:

DATE PURCHASED:

PURCHASER'S NAME:

ADDRESS:

TEL:() :

MODEL NO:

SERIAL NO:

DEALER RECORDS

AUTHORIZED TIMBUCKTOO CENTER WARRANTY REGISTRATION

PLEASE PRINT OR TYPE

DEALER:

ADDRESS:

DATE SOLD:

PURCHASER'S NAME:

ADDRESS:

TEL:() :

MODEL NO:

SERIAL NO:

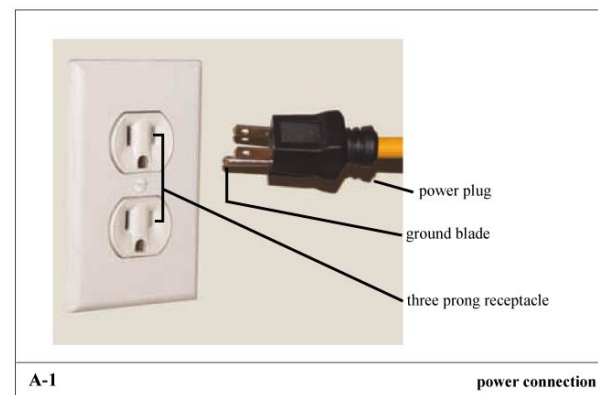
Signature:

Print Name:

**PLEASE SIGN AND MAIL TO TMI WITHIN 10 DAYS
FROM THE SALE DATE FOR VALID WARRANTY**

ASSEMBLY

1. Connect vacuum hose to vacuum intake connection on the machine and the tool, solution hose to the solution connection (solution outlet to quick connector on tool).
2. To protect the grounding plug; this plug is to be used only with a proper grounding type (three prong) receptacle. Do not break off or pull out the grounding blade. (see A-1, P.8)



PREVENTATIVE MAINTENANCE

1. **Thoroughly clean all equipment and accessories after each use.**
 - a) **Rinse solution and vacuum tank with clean water.**
 - b) **Flush entire solution system with clean water. This includes all solution hoses and tool(s). Do not allow liquid with cleaning chemicals to remain in the equipment.**
 - c) Clean all filters.
2. Occasionally, lubricate all quick connects.(every 3 months)
3. Do not use the same pail to fill the solution tank that is used to empty the waste tank.

This would result in putting dirt and debris into the solution lines that can block filters, orifices, and generally degrade solution line systems.
4. Keep equipment out of extreme temperatures. (i.e. Freezing temperatures will make water expand, and will damage pump, fittings, valves, etc.)
5. **Turn off the machine when not in use. Especially, walking away from the machine and not using it for a while may build up pressure in the machine or heater. This can cause excessive pressure that is not good for the machine.**
6. Check for loose or frayed wires.

Mailing Address:

TMI
1633 W. 134th Street
Gardena, CA 90249-2013

OPERATING THE MACHINE

Read the manual carefully and completely before attempting to operate the unit. Make sure the unit is plugged into an electrical outlet with the same voltage as shown on the unit.

1. Always thoroughly vacuum the surface to be cleaned. Using an upright vacuum cleaner.
2. Recommended method of getting chemical to the floor is to pre spray the cleaning area with recommended cleaning solution. This will give it dwell time to do its job and result is a much cleaner floor.
3. We do not recommend putting chemical in machine tank. Fill solution tank with clean water (use cool water for wool).
4. Make sure recovery tank see through cap is close before turning on vacuum and pump switches. (If left open, there will be no suction)
5. In case foam is detected in recovery tank and hose, use defoamer to prevent from damaging the vacuum motors.
6. Pour a couple of capfull of defoamer in hose end and let vacuum pull into tank coating the hose.
7. Do not use heater without water or solution liquid inside the heater or in the solution tank. The use of spotter without liquid in the heater could cause serious damage to your spotter.
8. Continue cleaning until the clean water tank is empty and /or recovery tank is full (or until cleaning job is done.). Turn off all the switches, disconnect vacuum hose and disconnect power cord from power plug, then slide out recovery tank for empty into bucket or other proper drain.
9. To remove remaining water from clean water tank, disconnect the vacuum hose from tool and insert the vacuum hose into clean water tank. Vacuum out all the excess water (including from solution hose). Drain and thoroughly clean the recovery tank. At this point the tank can be rinsed while dumping.
10. The vacuum filter (wet filter) and ball float cage have to be rinsed and cleaned through when it's still wet. Wrap power cords around handle for storage. Do not use solution of recovery tanks for storage, machine can be damaged.

Consult your sales representative for more information on cleaning methods.

SAFETY INSTRUCTIONS

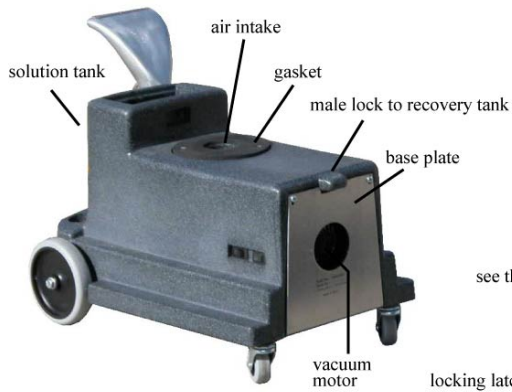
Read All Instructions Before Using This Spotter

When using an electrical appliance, basic precautions should always be followed.

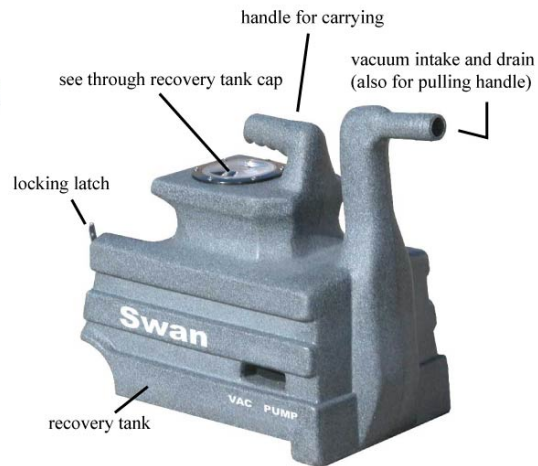
WARNING - To reduce the risk of fire, electric shock or injury:

1. Do not leave appliance plugged in. Unplug from outlet when not in use and before servicing.
2. **WARNING: ELECTRIC SHOCK COULD OCCUR IF USED OUTDOORS OR ON WET SURFACES.**
3. Do not allow to be used as a toy. Close attention is necessary when used by or near children.
4. Use only as described in this manual. Use only manufacturer's recommended parts.
5. Do not use with damaged cord or plug. If appliance is not working as it should, has been dropped, damaged, left outdoors or dropped into water, follow warranty instructions and contact an approved service center.
6. Do not pull or carry by cord, do not use cord as a handle, do not close a door on cord, or do not pull cord around sharp edges or corners. Do not run appliance over cord. Keep cord away from heated surfaces.
7. Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
8. Do not handle plug or appliance with wet hands.
9. Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair and anything that may reduce air flow.
10. Keep hair, loose clothing, fingers and all parts of body away from openings and moving parts.
11. Do not pick up anything that is burning or smoking, such as cigarettes, matches or hot ashes.
12. Do not use without filters in place.
13. Turn off all controls before unplugging.
14. Use extra care when cleaning on stairs.
15. Always wear safety equipment and appropriate clothing when operating extractor to protect from hot water.
16. Do not use machine pick up flammable or combustible liquids such as gasoline or use in areas where they may be present.
17. Connect to a properly grounded outlet only.
18. Do not attempt to service the unit while appliance is plugged in.

MACHINE OVERVIEW

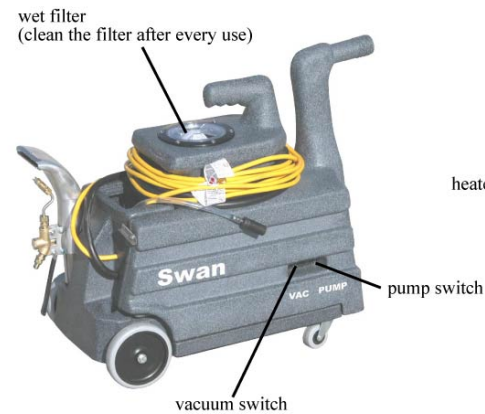
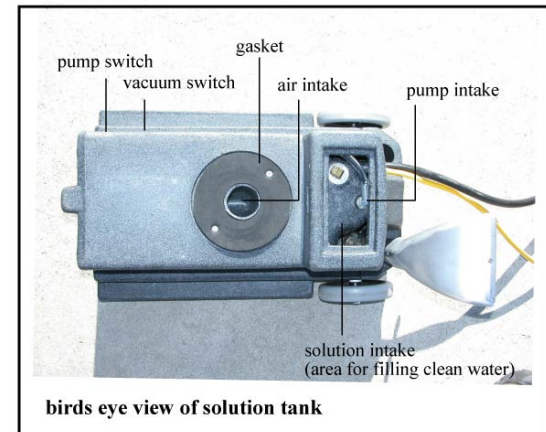


solution housing

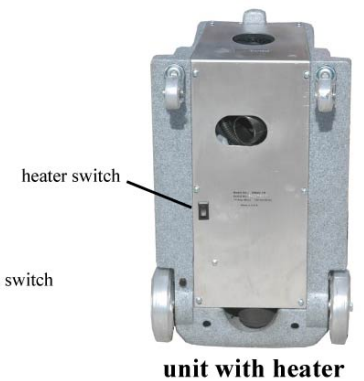


recovery housing

MACHINE OVERVIEW CONT.



spotter switches position

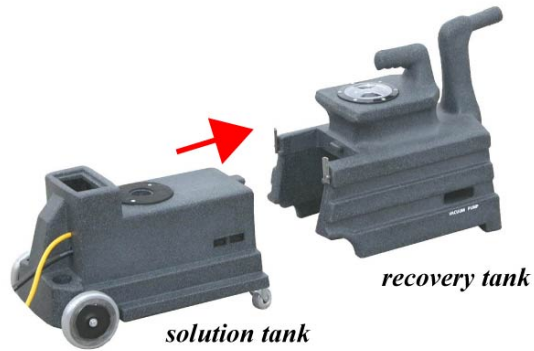


unit with heater

HOW TO SEPERATE HOUSINGS



Step 1: Unlock latches located at back of recovery tank (housing)



Step 2: **Slide out** the recovery tank (housing) from solution tank (see image)



Step 3: Ready for emptying dirty water from the recovery tank (see image)

FILTER



serious damage to vacuum motor caused by not using vacuum filter bag in the recovery tank

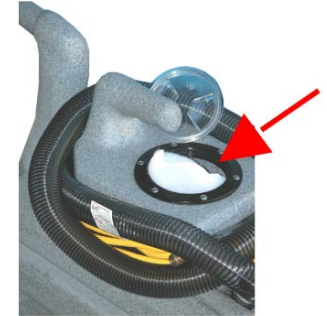


image shown vacuum filter bag in the recovery tank

make sure vacuum filter install in recovery tank at all time to protect from damaging motor

Vacuum Motor Filter



make sure pump filter install in solution tank at all time to protect from damaging pump

Pump Filter