



OPERATING INSTRUCTIONS FOR THE TP18SX-HP



PLEASE READ THIS INSTRUCTION MANUAL PRIOR TO USING THE MACHINE

OVERVIEW

The TP18SX-HP is a professional carpet extractor, with excellent performance. It has a built in chemical dilution system for the cleaning stage. This means that you will never have to pour chemical into the solution tank. Once complete, with the turn of a valve you will be rinsing with clean water.



Safety instructions (read carefully)

Every electrical device must be used for its particular function only, respecting the manufacturer's instructions. Failure to adhere to the instructions could result in serious person injury, electric shock, fire or explosion.

Please, read these safety instructions carefully and ensure you understand them prior to using the machine. The following information signals potentially dangerous conditions to the operator or equipment.



WARNING: Fire or Explosion Hazard.

- Do not spray water near electrical outlets.
- Do not use the machine to spray or to vacuum dust, corrosive liquids (acids or bases) and explosive or flammable liquids.
- Do not use the machine in an explosive atmosphere. This machine is not equipped with an explosion proof motor. The electric motor will spark when powered on which could cause a flash fire or explosion.
- Never use flammable liquids or operate machine in or near flammable liquids, vapors or combustible dusts.



WARNING: Electrical Hazard.

- Before putting the machine's plug in the electrical outlet, check that the voltage available is the same indicated on the label of the machine.
- Be sure that the electrical system is well grounded.
- Verify that the electrical plug complies with the outlet.
- Do not modify plug.
- Do not use adapters or multiple sockets.
- Do not use this machine with an extension cord.
- Take care of the electrical cable. It must be in good condition and protected from water, tears and chemical agents. Do not repair the cable in case of tears, but replace it with a new one. The cable must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- Do not pull the machine by the cable.
- Do not use the cable to pull the plug out of the electrical socket.

- Pull the plug out only when the machine is switched off.
- Do not handle the plug with wet hands.
- Unplug cable before servicing machine.



FOR SAFETY:

- This machine may not be operated by children or people unable to understand the danger connected with the use of electrical power.
- Do not bring the end of the suction hose or one of the accessories near your face or others', particularly near ears and eyes: the sucked air could seriously damage them.
- If the machine is used as a wet vacuum cleaner, you must check the level of water in the recovery tank, in order to prevent water from being sucked by the vacuum motor.
- If the chemical you are using produces foam, or if you are cleaning carpet previously treated with shampoo, you must put some defoamer into the recovery tank. In the long run, the foam sucked through the motor will damage it.
- In case of unusual operation (very noisy motor, not running pump, extreme temperature rise, or other suspicious signals) switch the machine off and pull the plug out.
- If foam or liquid escapes from the machine, switch machine off immediately.
- After using, store the machine, well cleaned, in a cool and dry place.

The manufacturer cannot be held responsible for any damage/injury caused to persons or property, because of the incorrect use of the machine due to procedures being used which are not specified in this instruction manual.

Attention: all the electrical repairs must be performed by qualified personal only!



PROTECT THE ENVIRONMENT

Please dispose of packaging materials and old machine components in a safe environmentally friendly way according to your local waste disposal regulations.



Always remember to recycle.

Machine Components

The TP18SX-HP is made of the following components:

- Machine body (Solution and recovery tank)
- Solution and vacuum hoses, used to connect the machine body to the carpet wand.
- Carpet wand
- Pre-spray hose and gun, for carpet pre-spraying

The machine body contains:

- The solution tank, containing water used for cleaning
- The recovery tank, used to recover the dirty water
- The solution pump and the vacuum motors, situated inside the lower tank,
- The control panel for the pump and the motors,
- The lower control panel, used to switch from cleaning mode to rinsing mode and to adjust the pump pressure.

Preparation the Machine

To prepare the machine for use, do the following:

1. Connect the pre-spray gun to the pre-spray hose and the pre-spray hose to the quick disconnect coupling located on the lower panel.
2. Connect the vacuum hose to the rear of the recovery tank.
3. Connect the carpet wand to the solution and vacuum hose.
4. Add water into the solution tank. Put only water, without chemical. Use clean buckets only.
5. Place the chemical bottle into the holder located on top of the lower control panel. Check that the chemical bottle is properly connected to the chemical input on the lower control panel and that it is not empty.
6. Connect the plug of the machine to a properly grounded electrical socket. Please see the "Electrical Safety" paragraph on page 2 before carrying out this operation.

Using the Machine

The process for carpet cleaning is carried out through 3 steps:

- A. Carpet pre-spraying, with a concentrated solution of water and chemical
- B. Cleaning with the injection-extraction method, using a solution of water and chemical.
- C. Cleaning with injection-extraction method, using clean water only, rinsing carpet surfaces and removing any chemical residual.

STEP A – PRE-SPRAYING AND CHEMICAL APPLICATION

1. Open the chemical input valve on the lower control panel.
2. Check that the pre-spray gun is connected to the machine with the pre-spray hose.
3. Turn the chemical selector valve to the on position.
4. Switch the solution pump on using the pump switch, located on the upper control panel.
5. To spray solution, pull the trigger on the pre-spray gun. For high pressure, pull the nozzle back towards you. For low pressure pull the nozzle forward.
6. By rotating the nozzle, it is possible to adjust the spray angle. Spray the chemical uniformly on the carpet. For spots, more chemical may be required.
7. During pre-spray, the machine automatically dilutes the chemical to an optimal dilution rate for pre-spray.
8. Turn the pump switch off
9. Return the hose and gun to it's storage location

DWELL TIME

Dwell time is an important part in carpet cleaning. It allows the chemical time to break down the soil in the carpet. When using Just for Carpets, the recommended dwell time is 3-5 minutes.

STEP B – EXTRACTION CLEANING WITH CHEMICAL SOLUTION

- Open the chemical input valve on the lower control panel.
- Connect The vacuum hose to the recovery tank.
- Connect the solution hose on the vacuum hose to the quick disconnect on the lower control panel.
- Connect the carpet wand to the vacuum and solution hose.
- Turn the pump on
- Turn the vacuum on

In most cases, If the carpet being cleaned is in good condition and regularly maintained this step may be skipped.

STEP C – RINSING WITH CLEAN WATER ONLY

- Close the chemical input valve on the lower control panel.
- Turn the pump on
- Turn the vacuum motor on
- Proceed with extraction cleaning, using the carpet wand and spraying clean water only.

NOTE: After switching the pump OFF, you must discharge the built up pressure in the line. Simply pull the trigger on the accessory to discharge the pressure. If this is not done, the pump may have trouble starting the next time the switch is turned on.

NOTE: Once the solution tank becomes empty, you must empty the recovery tank before re-filling the solution tank. Failure to do so can possibly cause damage to the vacuum motor.

Maintenance

1. After every use, before storing the machine, remove all the water from the solution and the recovery tank. Also make sure to rinse out the recovery tank before storing.
2. After every use, store the machine in a cool and dry place with the dome cover open. Water that is left in the recovery tank with the dome lid left on will evaporate through the vacuum motor and will cause premature damage to it. This type of failure is not covered under warranty.
3. Periodically clean the water filter, removing it from the machine and rinsing it under warm water.
4. Periodically check and clean the filter of the vacuum motor, which is located under the dome lid of the upper tank.
5. After 500 working hours, the machine should be checked by a local service agency. Parts that require inspection and replacement at this time are: Carbon brushes, pump seals and filters.
6. Worn carbon brushes may result in damage to the vacuum motor. This type of failure is not covered under warranty.