

MACHINE MAINTENANCE

Routine maintenance is critical to ensure proper machine operation and cleaning performance. Perform all maintenance procedures as follows.

Always turn OFF all machine switches before performing any maintenance.

DAILY MAINTENANCE

At the end of the day empty all liquids from both the solution and recovery tanks. Rinse both tanks with clean water to prevent chemical residue build up, allow to air dry to prevent odors.

- The solution tank can be emptied by: spraying the liquid out through the spray bar, or using the clean-out hose.
- To use the clean-out hose remove the machine's recovery hose, from the **left** elbow of the clear dome. Replace it with one end of the cleanout hose.
- Remove the mesh filter from the front of the solution tank and place the other end of the clean-out hose in to the solution tank.
- Turn on the vacuum motor and suction all of the liquid into the recovery tank.
- The recovery tank is emptied through a large rubber hose at the back of the machine. Remove the plug and drain the liquids according to your local EPA regulations.
- Rinse the tank clean of all debris. Position the clear dome offset on the recovery tank to allow for air-drying and prevent odor build up.
- Remove any residue from the screen and float ball to ensure proper operation. Replace float assembly in recovery tank.
- Store in a dry area.
- Store with brush assembly up.
- Check the drain hose for damage.
- Remove the spray tips (1/4 turn) from the spray bar and put them in a glass or plastic container with a solution of 25% vinegar and water overnight to remove any chemical residue.

- Unplug the machine and inspect the brush assembly (paying special attention to the ends of the rollers) for buildup of carpet fibers, hair or other materials.
- Remove all debris from the brush. Failure to remove this material can overload to the circuit breaker, jam and break the belt, obstruct and damage the bearings, or burn out the brush drive motor.

Weekly Maintenance (25 Hours)

- Verify all daily and weekly maintenance has been performed.
- Flush clean solution tank and hoses with a mixture of 8 ounces (250 milliliters) white vinegar to one-gallon (4 liter) warm water.
- Remove and clean the fine mesh filter in the bottom of the solution tank.
- Check the vacuum shoe for any debris or obstruction such as carpet fibers. Carefully remove any debris to ensure the best air-flow and liquid recovery.
- Repair or replace any worn or damaged components as needed.

Mandatory Periodic Maintenance

It is **mandatory** that the following maintenance procedure be performed at the described interval. Failure to perform this procedure may result in poor machine performance, machine component damage and failure. This procedure should be performed by an NSS authorized distributor or service center. Repairs performed by an unauthorized company will void the machine warranty. If you require assistance finding an authorized service center, please contact NSS Enterprises, Inc.

After every **750 hours** of operation

- Inspect the vacuum motor carbon brushes for wear. Replace the vacuum motor carbon brushes when they are 7/16in. (11mm) in length.
- Check the belt for wear and tightness.