

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 orders.

- Coil power cord onto the cord wrap.
- Remove dirt and/or lint build-up inside the vacuum lid filter screen.
- Clean the solution line filter.
- Wash the vacuum lid with a soap solution to prevent dirt from accumulating on the surface. To avoid scratching, use of a soft cloth is recommended.
- The solution tank can be emptied by: spraying the liquid out through the spray bar, or using the solution indicator tube.
- To use the solution indicator tube, unclip from the machine handle and place the end into a recovery pail.
- The recovery pails are emptied by lifting up the vacuum lid and removing the pails from the machine by using their handles. Drain the liquids according to your local EPA regulations.
- Rinse the solution tank clean of all debris.
- Store in a dry area.
- Lean the machine back on all four wheels during storage or when it's not in use to prevent brush distortion.
- 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 filter solutions screen by rinsing under running tap water. If the screen is clogged with soap, soak in vinegar solution and brush clean.
- Check the vacuum lid screens for any debris or obstruction. Clean by rinsing under running tap water. If the screen is clogged with soap, soak in vinegar solution and brush clean.
- 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.
- Apply a lubricant (WD-40 or equivalent) to the quick disconnect coupler to help prevent sticking.
- 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.