

session.

ATTENTION: This machine is not intended for wet surface sweeping. However, if you encounter a slightly damp environment (moisture buildup on the floor), it is required that you turn the vacuum fan switch off to prevent filter damage. Machine damage due to wet debris pickup is not covered under warranty.

ATTENTION: If the sweeper is lying inactive for a period longer than one month you must disconnect the red and black battery clips.

If the sweeper is lying inactive for a period longer than one week you should leave it connected to the electrical outlet.

WASTE HOPPER EMPTYING AND CLEANING:

Before proceeding in removing the hopper assure that the machine is turned off.

ATTENTION: WASTE DISPOSAL MUST BE DONE BY FOLLOWING THE LAWS IN FORCE.

To clean the waste hopper proceed as follows:

- Release the hopper clamp by lifting and then pushing on the back of the clamp.
- Pull out the hopper by its handle
- Empty the hopper

To put back the hopper proceed as follows:

- Slide the hopper back into place
- Lower and press the hopper clamp to lock into place.

Note: It is recommended to clean the pre-filter daily. See cleaning and servicing the filter-page 7.



MACHINE MAINTENANCE:

All service performed should be completed by persons who understand the machine or an AUTHORIZED SERVICE CENTER. It is recommended that only authorized repair parts be used for service.

FOR SAFETY: When servicing the machine disconnect the battery connection and battery charger plug before working on the machine

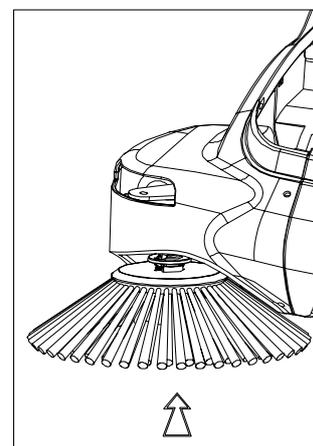
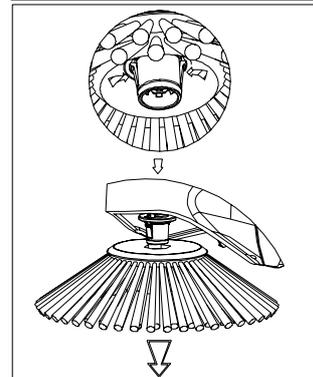
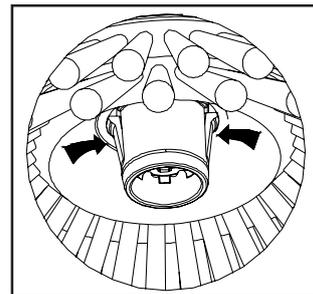
MAINTENANCE CHECK LIST	On delivery					
	Daily	Every 10 hours	Every 20 hours	Every 50 hours	Every 100 hours	
The belts for slackening						x
The tightness of nuts and screws					x	
The brushes for wear					x	
The gaskets for wear and leakages			x			
If all the functions are in working order	x	x	x	x	x	x
Empty hopper		x				
Remove and shake pre-filter		x				
Check main filter				x		

SIDE BRUSH REPLACEMENT:

Raise the front part of the machine.

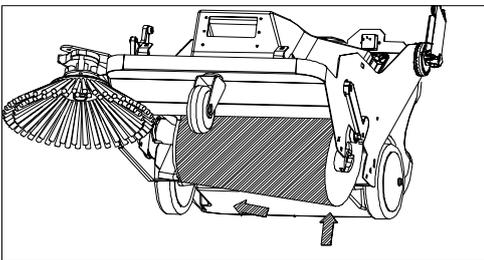
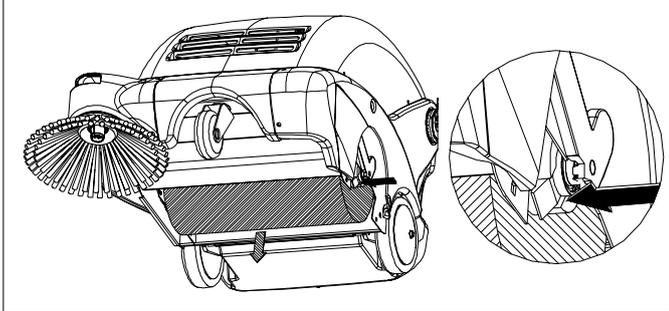
Press in the 2 tabs (indicated by the arrows) and pull off the brushes.

Slide the new brush until it locks into place.



MAIN BRUSH REPLACEMENT:

- Tilt the machine backwards until the handle is touching the ground and the main brush is easily reached.
- Manually turn the brush until a black button is seen on the right hand side of the brush core.
- Press the button and push to dis-engage the brush.
- Insert the new brush following the guide.



CLEANING AND SERVICING THE FILTERS:

The filters are very important components of the machine and essential for correct operation. Proper filter maintenance will allow you to obtain the best performance from your machine.

Pre-Filter

Clean Daily

- 1) Remove the debris hopper to access the pre-filter
- 2) Release the two metal retaining clip arms that secure the pre-filter in place. Hinge the retaining clip arms outward and remove the pre-filter.
- 3) Shake the pre-filter into a debris receptacle.
- 4) Replace the pre-filter and secure with retainer clips.

Main Filter

The Main filter can be cleaned in any of the following three ways:

- 1) by means of the automatic filter shaker:

During operation, the machine will automatically activate the filter shaker every 3 minutes.

- 2) by means of manually activating the filter shaker:

Just a simple command is needed to keep the filter in perfect working order: press the button marked 'E' and hold it down for a few seconds. Repeat this operation 4 or 5 times. Remember that the cleaner the filter, the better the results of your cleaning session. It is recommended to carry this

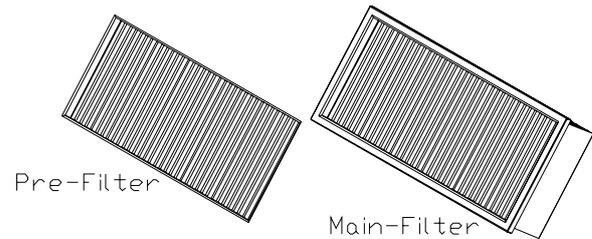
operation out at the end of each work cycle.

NOTE: dusty environments

If you are using the machine in a dusty environment it is a good idea to use the manual filter shaker more frequently.

- 3) by manually cleaning the filter:

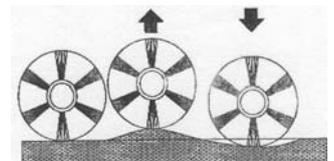
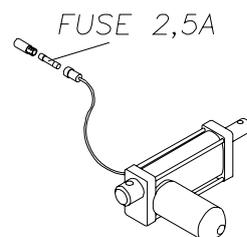
Manually clean the filter when the filter shaker is not enough to keep the filter clean and/or every 20 hours of work. Before carrying out any kind of procedure on the machine, make sure it is turned off and that all functions are deactivated



- 1) Remove the rear hopper
- 2) Take the filter out
- 3) Blow compressed air into the side of the filter (at a pressure of 87 psi at the most). **Safety glasses required**
- 4) Reinstall the filters and the rear hopper.

ACTUATOR FUNCTION:

The system allows the brush to immediately and constantly follow all types of surfaces, self adjust to surfaces and self adjust for main/side brush wear through out the life of the brushes



ADJUSTING THE SIDE BRUSH :

To adjust the side brush, remove the top cover, and turn adjusting handle in the direction required.

