

Operating Manual: Osmo Wood Orbiter



Please read the operating manual carefully and observe the safety notices and information on making a suitable brush selection and correctly setting the brush pressure.



Purpose:

- Basic cleaning of wooden decking
- Back-friendly cleaning of wooden decking and flooring
- Deep cleaning of internal wooden floors
- Dissolves and absorbs dirt in one easy process

We recommend you use our Osmo Wood Reviver "Power Gel" for treating outdoor wooden decking. It is a special liquid cleaning agent that freshens up and cleans dull-looking, greyed wood.

The natural character of the wood is restored and the fresh, warm colour is visible again.

(Please do not dilute the Wood Reviver).



Please use Osmo Wash & Care, a highly-effective, water-soluble special concentrate for simple and basic cleaning and care, for internal areas. Osmo Wash & Care is particularly effective for removing stains, as well as everyday household dirt and wear and tear. The coconut oil contained in Wash & Care has a nourishing effect and, in comparison to traditional cleaning agents, does not cause the deterioration of the surface or substrate. Osmo Wash & Care does not form a hard film or leave behind any streaks or smears.

When used regularly the result is an easy to clean and anti-friction surface. Dosing ratio 1:1 (Wash & Care – Water).



Subsequent to the cleaning, the now visible natural wood colour can both be retained and protected with an Osmo finish. For this we recommend you use either Osmo Wood Oils or Osmo Natural Oil Woodstain. We recommend our Anti-Slip Decking Oil as a top coat.

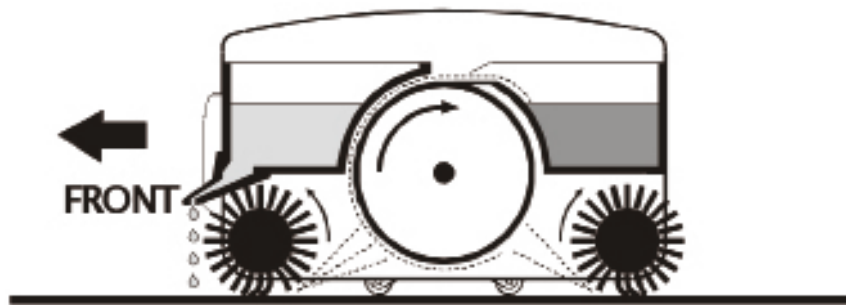
Attention: Please DO NOT use the Orbiter to apply a wood finish to the wooden deck! After the intensive basic cleaning of the surface, using the Orbiter, we recommend the use of our Osmo 150 mm Floor Brush for applying an appropriate Osmo finish.

Apply the Wood Reviver "Power Gel" to the decking only! Not in the machine.

**Please observe the following safety instructions before you use the Osmo Wood Orbiter.
There is a risk to health in the event of non-compliance.**

- The Orbiter may only be used by persons who have received training on its use.
- Disconnect the appliance when cleaning and servicing the machine, changing parts or when switching to another function.
- Do not run over the electric cable or power supply with the machine, risk of electric shock!.
- Ensure that the supply cable is not damaged by passing over, crushing, dragging, etc.
- The supply cable must be regularly examined for signs of damage or ageing.
- The Orbiter may not be used if the condition of the supply cable is not perfect and fault-free.
- Only the spare part 402/VDE 9281 Part 402 OSVV 3 x 1 mm² can be used as a replacement to the supply cable.
- The connectors for the supply or appliance cables must at least be splash-proof. Clamp the cable with two Allen screws which are located on the inside of the housing above the brush.
- The Orbiter must be fused with a circuit breaker with a nominal current of 10 A or a fuse of 10 A.
- For transporting the Orbiter in lifts, you must ensure that the shaft is placed in such a manner so that it cannot move around or get caught on the walls of the lift shaft.
- Do not use the Orbiter if dangerous dust types are present.
- Do not use the Orbiter in potentially explosive atmospheres.

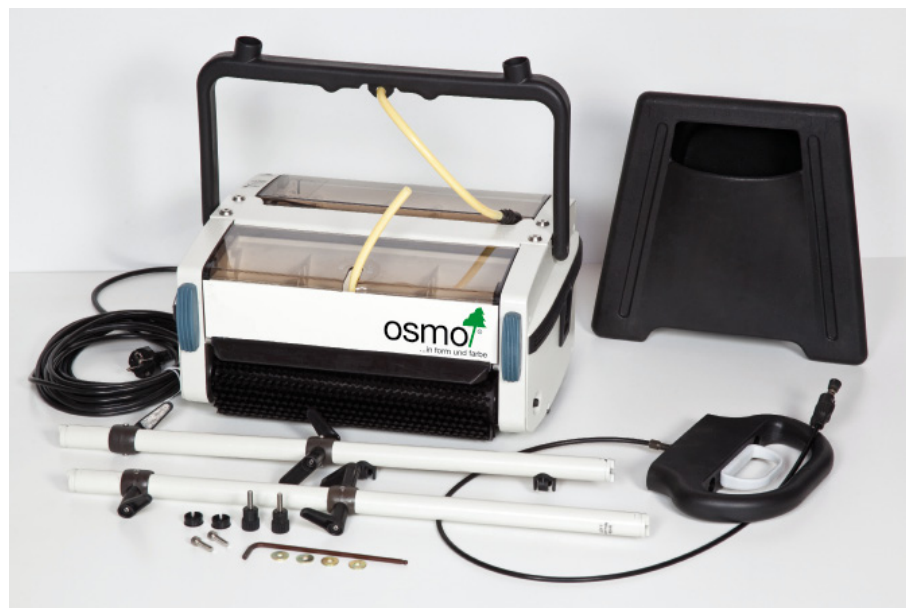
Function principle



1. Fresh water is distributed on the floor by pulling the liquid lever on the handle.
2. The two brush rollers, which move in the opposite direction, clean the floor and convey the dirty water to a coated drum.
3. From here the liquid is striped by a steel blade and conveyed to the dirty water tank.

Process for assembling the Osmo Wood Orbiter

Ensure that all the parts in the image are available, please compare the parts to the operating instructions in order to assemble the Orbiter correctly.



After opening the box cut the strap which holds down the bow-shaped handle connected to the machine body. Be careful when removing the strap – the bow-shaped handle is spring-loaded.

Assembly:

1. Insert the two tubular stems in the bow-shaped handle. There is a sticker on both tubes "LEFT BOTTOM REAR/ RIGHT BOTTOM REAR". These tubes must be mounted in the direction of motion (cable at the rear). Tighten the knurled screws manually (looking at the machine from the operating side).
2. Tighten the screws using an Allen key. Ensure that the centre grip is assembled according to the position described (RH button and LH button) and the cable retainers are located on the right-hand side.

Push the cable retainer onto the right tube end below the handle.



Place the handle on the two tubes, whereby the sticker should be to the front, and secure it using an Allen key and the 2 screws and washers provided. Now retighten the screws again and position the protective caps (x2) over the screws in the recess (the higher side should be turned in).





Place the free end of the Bowden cable into the nozzle shoe of the fresh water tank. Now the cable is secured by gently pushing and turning in a clockwise direction and you can close the cover.



Position the tank between the tubular stems and fix it to the tank holder by turning the retaining collars down.
Important: FIRMLY tighten the 4 screws using the washers. If the tank is not sitting correctly it will leak.

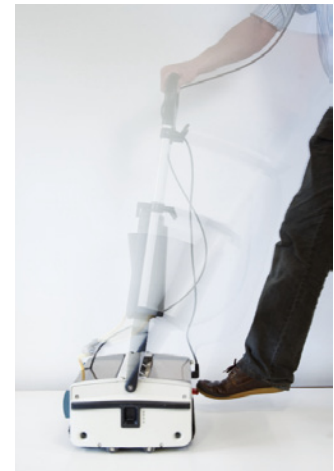
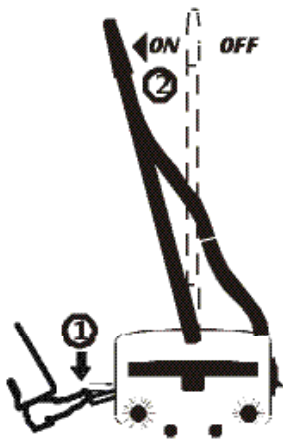
Finally: Connect the power cable

Remove the dirt pan. Before the connector can be inserted you must remove the 2 small screws on the right-hand side of the housing, only then can the connector be firmly pushed into place, as far as it will go, using the back of your hand. Gently tighten the screws.



The Osmo Wood Orbiter is now ready for operation.

Using the Osmo Wood Orbiter



Switching the machine on and off

Switching on

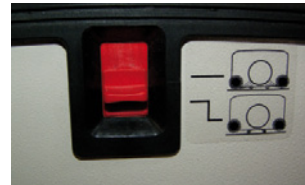
Gently press the safety pedal using your foot (1) and slowly pull the shaft towards you (2). The motor starts and the brushes slowly begin to turn.

Switching off

Reset the shaft to the basic position (without pressing the pedal).

Moving the Orbiter from A to B

Push the red button (it is located on the right-hand side) to the lower position, lifting the brushes so that the machine can be rolled away. The transport wheels remain in place whilst the guide handle is being lowered, the machine can now be transported.

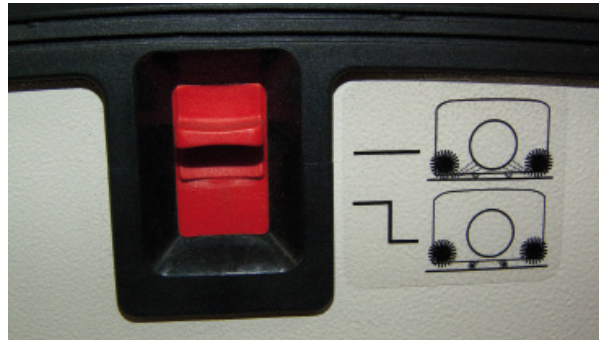


The motor cannot be switched on as long as the red button is in the lower position!

Never allow the Orbiter to rest on the brushes when the handle is lowered.

Work position

Press the red button up and lower the handle into the work position.
The transport wheels move up and the Orbiter can be operated.



Adjusting the brush pressure



The brush pressure can be adjusted to four settings using the black button on the left side of the machine (pressure regulator). A higher pressure makes more sense when working outdoors.



Minimal pressure is reached with the lowest setting. Maximum pressure with the highest setting.



If the motor does not start, reduce the pressure regulator by one level.



Attention:

When using the machine for the first time, some loose bristles may come out of the brush body. Turn the Orbiter off and disconnect from the mains. Now remove the bristles from the drum and then restart the machine.



Note:

Only use the universal brush (white brush) in internal areas!
The abrasive brush (hard brush) is recommended for external areas.

Water supply

Guide the end of the Bowden cable through the front cover into the holder in the fresh water tank. The Bowden cable is secured by gently pushing it into place and turning in a clockwise direction. Turning in the opposite direction loosens the cable.



The cleaning agent is applied to the floor as required by pulling the white liquid lever. If the lever is released the supply stops immediately.





In the event of a motor overload, the circuit breaker (transparent cap with red button) switches off and the power supply is interrupted. It is located above the cable socket. After approx. 30 seconds the overload protection can be switched on again by pressing the red button. The Orbiter is once again ready for operation when you reset the shaft to its basic position.

Handling the Wood Orbiter



Settings and preparations

1. Only use low-foaming, non-aggressive cleaning agents from Osmo: Wash & Care (internal), Water (external).
2. Exterior use: First apply the Wood Reviver "Power Gel" using the Osmo floor brush, a hard bristle brush or scrubber and then move over the area with the Orbiter.
3. Only use the correct brushes for the correct purpose. (see brush table and pressure settings).
4. Fill the black tank with cleaning agent.
5. Plug in the Orbiter.
6. Raise the red button in the "up" position.

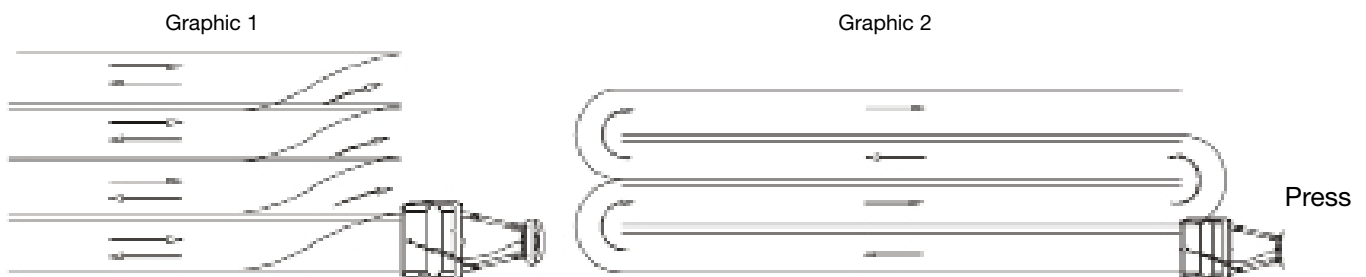
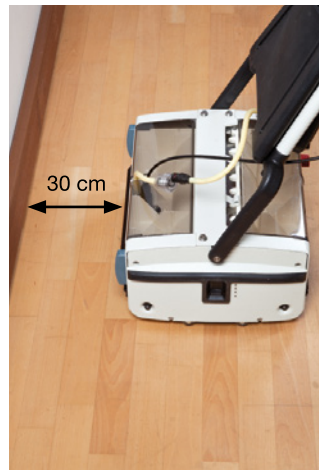
Recommended working method

1. Start the Orbiter by pressing the pedal and slowing pulling the shaft towards you.
2. Push the machine forwards and apply the cleaning agent sparingly, depending on the level of soiling



and the floor conditions, by pulling the white liquid lever.

3. Stop the liquid supply approx. 30 cm. before the wall or the turning point and continue towards the wall.



4. Drag the Orbiter back along the same track. The dirty water is absorbed upon return movement.
To start only loosely fit the dirty water tank so that the reviver is allowed to circulate on the surface for longer and has a better effect (outdoor area), then stop the water supply and click the dirty water tank into place to remove the dirt. When you have arrived at the outlet point, push the Orbiter to the next track, whereby you should overlap the already cleaned track. (Graphic 1) In large halls the floor can also be cleaned by separating the tracks. (Graphic 2)



5. If the dirty water tank is full, lift the cover and gently remove the tank from the machine. Always keep the scraper strip clean. When reinserting ensure that there is no dirt between the transport cylinder and the scraper strip.
6. Never grip the scraper strip with an unprotected hand as there is a risk of injury (sharp edge).
7. Ensure that there is always enough fresh water in the container. The Orbiter removes the concentrated soiled fluid and therefore requires very little water.

Edge brush (optional)



To achieve better cleaning results around the edges, please use the edge brush set.



Mounting the edge brush

1. Tighten the guard using a plastic screw on the front at the left cover.
2. Push the hexagonal spindle with the edge brush through the shaft support parts until you feel it engages.

Working with the edge brush

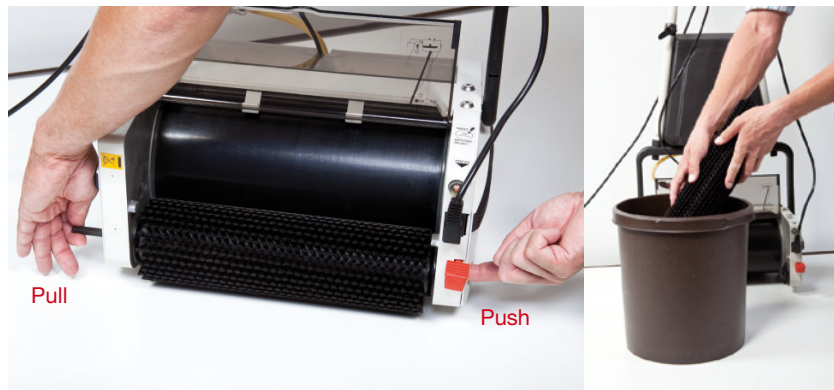
1. Work with the machine diagonally to the wall.
2. Absorb the previously removed dirt with the return brush.

Only use the edge brush on surfaces where surrounding walls have been protected, risk of dirt being dispersed / sprayed on the wall.

Cleaning the Orbiter



1. Push the right, red button down into the transport position.
2. Remove the plug from the socket and secure the cable over/around the 4 intended holders.
3. Empty the dirty water tank and then rinse it.
4. To avoid the nozzles becoming clogged it is recommended to remove the cleaning agent or water from the fresh water tank whilst the machine is not in use.
5. Remove the floating axle from the Orbiter and clean the brushes.



6. Wash the brushes either in a bucket or under running water.



7. Before you position the Orbiter on its side it is important to remove the Bowden cable and the water hose from the fresh water tank.
8. Position the Orbiter on its side and wipe the drum dry using a cleaning cloth.
The Orbiter can be cleaned with a hose and brush in outdoor areas.
9. Reinsert the brushes by reinserting the floating axles from the right.

Repair

To ensure the long term enjoyment of the Osmo Wood Orbiter, please observe the following points:

- Clean the brushes on a regular basis. Do not use a high-pressure or steam cleaner.
 - Ensure that the machine is not resting on the brushes when it is not in use.
Always store your additional brushes in an upright position.
 - Swap the front brush with the rear brush on a regular basis or turn them if necessary.
In case the bristles should become hard, allow the machine to run shortly over a concrete or stone surface.
1. Ensure that the filter in the fresh water tank is kept clean. For this, push the end of the Bowden cable into the filter holder and turn it anti-clockwise, clean it under running water and then reinsert.



2. Always keep the nozzles clean.



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