User’s Guide

Orbiter®

Floor Machine

ORB480

• Important •

Save This Booklet!

Includes:

• Safety Warnings
• Warranty
• Operating Instructions
• Trouble Diagnosis
• Accessories
When using an electrical appliance, basic precautions should always be followed, including the following:

**WARNING**

To reduce the risk of fire, electric shock, or injury:

- Use indoors only.
- Risk of explosion - Floor sanding can result in an explosive mixture of fine dust and air. Use floor sanding machine only in well ventilated area.
- Do not allow to be used as a toy. Close attention is necessary when used by or near children.
- Do not leave appliance unattended when plugged in. Unplug from outlet when not in use and before servicing.
- Use only as described in this manual. Use only manufacturer’s recommended attachments.
- Do not use with damaged cord or plug. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center or call customer service at UK: 0800 67 68 69
- Do not pull or carry by cord, use cord as a handle, close door on cord, or pull cord around sharp edges or corners. Keep cord away from heated surfaces.
- Do not run appliance over cord.
- Use extra care when cleaning on stairs.
- Connect to a properly grounded outlet only. See grounding instructions.
- Unplug before installing or removing pads/cleaning brushes.
- Warning - To reduce the risk of fire, use only commercially available floor cleaners and waxes intended for machine application.
- Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
- Do not handle plug or appliance with wet hands.
- Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair and anything that may reduce air flow.
- Keep hair, loose clothing, fingers and all parts of body away from openings and moving parts.
- Turn off all controls before unplugging.
- Do not use appliance in an enclosed space where flammable, explosive or toxic vapors are given off by oil base paint, paint thinner, some mothproofing substances, or in an area where flammable dust is present.

**SAVE THESE INSTRUCTIONS**

**CAUTION**

This appliance must be connected to a grounded metal, permanent wiring system; or an equipment-grounding conductor must be run with the circuit conductors and connected to the equipment-grounding terminal or lead on the appliance.

**ALWAYS UNPLUG THE MACHINE BEFORE INSTALLING OR REMOVING ACCESSORIES.**

**ALWAYS WEAR SHOES WHEN USING ELECTRICAL EQUIPMENT.**
**Warranty**

Oreck Corporation (Oreck) gives you the following limited warranty for this product only if it was originally purchased for use, not resale, from Oreck or an ORECK AUTHORIZED Dealer.

Oreck will repair or replace, free of charge, to the original purchaser, any part, which is found to be defective in material or workmanship within one (1) year of the date of purchase. This limited warranty applies to normal model specific intended use.

Components returned prepaid to an Oreck Factory Authorized Service Center or to Oreck will be repaired or replaced free of cost at the option of Oreck and/or its service center when examined by either of them such components are found to be defective.

Brushes, pads, drive blocks and other parts are subject to normal wear and are not covered by this limited warranty.

This limited warranty does not apply to any part subjected to accident, abuse, alteration, misuse, damage caused by fire or act of God, the use of voltages other than indicated on the serial number plate of this product, or service of this product by other than Oreck or an Oreck Factory Authorized Service Center.

Oreck does not authorize any person or representative to assume or grant any other warranty obligation in connection with the sale of this product.

Oreck's limited warranty is valid only if you retain proof of purchase from Oreck or an Oreck authorized retail dealer of this product. If you purchase this product from any other source, your purchase is “AS IS”, which means that Oreck grants to you no warranty, and that you, not Oreck, assumes the entire risk of the quality and performance of this product, including the entire cost of any necessary servicing or repairs of any defects.

Oreck's liability for damages to you for any cost whatsoever arising out of this statement of limited warranty shall be limited to the amount paid for this product at the time of original purchase, and Oreck shall not be liable for any direct, indirect, consequential or incidental damages arising out of the use or inability to use this product.

Some areas do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

**ALL EXPRESS AND IMPLIED WARRANTIES FOR THIS PRODUCT, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE WARRANTY PERIOD, AND NO WARRANTIES, WHETHER EXPRESS OR IMPLIED, WILL APPLY AFTER THIS PERIOD.**

Some areas do not allow limitations on the duration of implied warranties so the above limitation may not apply to you.

This warranty gives you specific legal rights and you may have other rights which vary from state to state/area to area.

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**IMPORTANT:**

*Where Necessary for Plug to be Fitted*

The wires in this mains lead are coloured in accordance with the following code:

**Blue: Neutral**  **Brown: Live**  **Green: Earth**

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows;

The wire which is coloured Blue must be connected to the terminal which is marked with the letter N or coloured Black.

The wire which is coloured Brown must be connected to the terminal which is marked with the letter L or coloured Red.

Green is to be connected to the earth pin of the 3 pin plug.

The wire which is coloured Green must be connected to the terminal which is marked with the letter E.

If a 13 amp plug is fitted, fit a 13 amp fuse.
Operating Instructions

The Orbiter is the most advanced, easiest to use machine of its kind. With proper care and use, your Orbiter will last a lifetime. This booklet will tell you how to care for the Orbiter and all about its features, accessories and their use.

Your Orbiter floor machine comes completely assembled and ready to operate once the Drive Pad Holder or Brush is attached. The off/on switch has international symbols (O) OFF and (I) ON.

**CAUTION:** NEVER WORK ON THE MACHINE WHILE IT IS PLUGGED IN - ALWAYS DISCONNECT from electrical outlet. When leaving machine unattended, be sure to disconnect.

### To Attach Drive Pad Holder or Brush:

Lay the floor machine on its back with the handle lying on the floor. This exposes the brush holder pan. Just place the brush or drive pad holder over the round brush holder pan making sure it is in place.

**CAUTION:** NEVER put the brush or pad holder on the machine by placing it on the floor and moving the running machine over it, or place the machine over the brush or pad holder and then start the motor.

### To Remove Brush:

Lay machine on its back and just pull brush or pad holder off the round holder pan.

### To Use Machine:

The Orbiter's on-off switch is located on the back side of the motor housing. It has been designed to be conveniently activated. On (I) - Off(O) is printed on the switch. BE CAREFUL that the switch is in the OFF (O) position before you plug the electric cord into the outlet. Before turning machine on, be sure there is a pad or brush in place on the machine. Note - do not kick switch. Gently activate the switch with your toe. No force is necessary.

### To Guide the Floor Machine:

Just grasp the unique “T” handle and glide the machine across the floor in a back and forth motion. The patented “T” handle feature gives you complete control. The Orbiter’s perfectly balanced counter-weight system gives smooth and easy action with fingertip control.

**IMPORTANT -** Always wear shoes when using your Orbiter. Before completing any of the following procedures for the first time, test a small hidden area.

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### Care of your Oreck Floor Machine:

This is a precision machine. Dropping, unreasonable bumping or rough handling may result in damage to the balance and counter-weight system. Wrap your cord loosely around the two hooks on the handle. Remove brushes after use. The bristles may be damaged due to the weight of the machine. Store your machine in the upright position. After each use, remove wax or cleaning solutions. After sanding, blow sawdust off motor and locking mechanism. Clean housing and bumper with damp cloth after each use. A little care will keep your Orbiter looking like new.

### USER MAINTENANCE:

Lubrication: The Orbiter motor bearings are factory lubricated and sealed. Periodic lubrication using silicone spray is recommended at the two pivot points from the yoke to the housing. All other servicing should be performed by an authorized service representative. No user serviceable parts inside.

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### Troubleshooting Guide

**WARNING:** Unplug cord from electrical outlet before servicing.

<table>
<thead>
<tr>
<th>Floor Machine Will Not Run</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not plugged in properly.</td>
<td>Be sure cleaner is firmly plugged into wall outlet.</td>
</tr>
<tr>
<td>No electricity in wall outlet.</td>
<td>Check electrical source-fuse or circuit breaker.</td>
</tr>
<tr>
<td>Blown fuse/tripped breaker</td>
<td>Replace fuse/Reset breaker</td>
</tr>
<tr>
<td>Motor circuit breaker has tripped.</td>
<td>Press red reset button on top of housing.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Floor Machine Bounces</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brush or pad holder not properly in place.</td>
<td>Place it properly. (See operating instructions.)</td>
</tr>
<tr>
<td>Using brush on dry surface without dry shampoo or wet shampoo.</td>
<td>Apply necessary shampoo dry or wet.</td>
</tr>
</tbody>
</table>

**ALL OTHER SERVICING SHOULD BE DONE BY AN ORECK AUTHORIZED SERVICE CENTER.**

**CALL CUSTOMER SERVICE HOT LINE**

UK: 0800 67 68 69

Whenever calling, please be sure to have your model and serial number from data plate.
**Hardwood Floor Cleaning Procedure**

**Residential Use**
This procedure should be used on WAX FINISH floors only.

**EQUIPMENT AND MATERIALS REQUIRED:**
1. Orbiter floor machine
2. Drive pad holder
3. Lamb wool bonnet
4. Polish brush
5. White polish pad
6. Paste wax, 1 lb.
7. Dust mop

**PROCEDURE:**
1. Completely dust mop floor.
2. Wipe up spills with a dry cloth or paper towel. Use a slightly damp cloth for sticky spills. Hint: Buff with polishing brush to restore luster.
3. To apply paste wax:
   - Attach PAD HOLDER to Orbiter floor machine.
   - Apply a tablespoon amount of paste wax on 4 sections of white polish pad.
   - Place pad on floor and center Orbiter pad holder onto pad.
   - Work Orbiter in a forward/back motion and spread out the paste wax to a thin coat.
   - Allow paste wax to dry for 5 minutes. Turn white polish pad over to clean side and buff.
   - Use polishing brush to obtain a higher luster.

**HELPFUL HINTS:**
1. When floor looks dull, try buffing first to see if that will restore the luster before re-waxing.
2. When areas of heavy use no longer respond to buffing wax only those areas and buff all of the floor to an even luster.

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**Dry Cleaning Carpets**

**DRY CLEANING CARPETS USING ORECK DRY CARPET™ CLEANING SYSTEM**

This procedure can be used on most types of carpet.

**EQUIPMENT AND MATERIALS REQUIRED:**
1. Orbiter floor machine
2. Black Drive Pad Holder
3. Carpet Bonnet
4. Oreck Dry Carpet™ Carpet Cleaner
5. Oreck Premist™ Soil Release Pre Spray
6. Oreck vacuum cleaner

**PROCEDURE:**
1. **VACUUM**
   - Vacuum with an Oreck vacuum cleaner to remove loose particles from carpet.
2. **PRE-MIST**
   - Use the Oreck Premist™ Soil Release Pre Spray to lightly mist a carpet area approximately 6’ x 6’.
   - Hold the bottle waist high with the nozzle on “mist.”
3. **SPRINKLE**
   - With the enclosed shaker, fill half way with dry carpet cleaner and sprinkle over the misted 6’x6’ area.
   - Work one 6’x6’ area at a time to ensure the cleaner is brushed into the carpet while still moist.
   - Do not over use cleaner.
4. **BONNET WITH ORBITER**
   - Attach the Carpet Bonnet to the pad holder, then place Orbiter onto pad holder. Finally, work the Orbiter in a forward and backward motion to work the powder into the carpet.
5. **TURN BONNET**
   - Run Orbiter over 6’x6’ area. Stop machine and flip over bonnet and continue.
6. **CLEAN BONNET IF SOILED**
   - Rinse under running water to remove dirt and oils when both sides become soiled. Then ring out.
7. **REPEAT**
   - Repeat steps 2 through 6 on the next 6’x6’ area of carpet until entire carpet is completed.
8. **VACUUM**
   - Wait until powder is dry, then vacuum out the dry powder and dirt. Time will vary depending on temperature and humidity (approx. 30 minutes). You can walk on the carpet at anytime. This process is safe for children and pets.
9. To assure the maximum effectiveness of the Oreck Dry Carpet™ Cleaner, make sure the container is TIGHTLY reclosed for freshness.
   - Do not clean an area of carpet larger than 6’x6’ at a time because the cleaner will dry and lose effectiveness.
   - Repeat process for heavily soiled areas as needed.

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**Sandscreening Procedure**

**LEVEL WOOD FLOOR SANDING PROCEDURE**

**EQUIPMENT AND MATERIALS REQUIRED:**
1. Orbiter floor machine
2. Drive pad holder or drive pad brush
3. Brown scrub pad
4. Sandscreen 60 grit
5. Sandscreen 80 grit
6. Sandscreen 100 grit
7. Broom or dust mop
8. Vacuum cleaner
9. Tack rags

**PROCEDURE:**
1. Place #60 grit sandscreen disc under brown scrub pad held in place with a pad holder. Sand the floor. Remove residue by vacuuming or sweeping the floor in the same direction as the boards.
2. Place a #80 sandscreen disc under the brown scrub pad.
3. Sweep and vacuum the floor, then tack rag THOROUGHLY.
4. Apply finish according to manufacturer’s recommendations.
5. Burnish between coats with #100 grit sandscreen disc.
**Scrubbing Procedure**

**Residential Use**
This procedure can be used on most types of hard floor surfaces, **EXCEPT** WOOD FLOORS.

**EQUIPMENT AND MATERIALS REQUIRED:**
1. Orbiter floor machine
2. Drive Pad Holder
3. Brown scrub pad
4. Orange scrub brush
5. Broom or dust mop
6. Cleaning solution
7. Small brown pad - **HINT:** Use “donut hole” from brown scrub pad.
8. Mops - 2 each (1 to apply/pick up cleaning solution and 1 to rinse floor)
9. Bucket and wringer
10. Wet-Dry vacuum (optional)

**PROCEDURE:**
1. Sweep floor area to be cleaned (broom or dust mop).
2. Mix cleaning solution according to manufacturer’s instructions on container label for proper solution mixture.
3. Let solution stand for 5 minutes, scrub floor with Orbiter floor machine, pad holder and brown pad.
4. Use scrub brush on floors with cracks and crevices.
5. Use small brown pad to reach in corners and around door jambs.
6. Pick up dirty solution with mop or wet-dry vacuum.
7. Repeat Steps 3-6 until all floor area is cleaned.
8. Rinse floor area TWICE with clean water and clean mop.
9. Allow floor area to dry before applying new floor finish.

**PRECAUTIONS:**
1. Do not flood the floor area with cleaning solution or allow solution to dry before pick-up.
2. Use clean mop for final rinse.
3. Change rinse water frequently.
4. Use damp cloth to wipe off any splashes on walls or furniture.

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**Refinishing Floors**

**Residential Use**
This procedure can be used on most types of hard floor surfaces, **EXCEPT** WOOD FLOORS.

**EQUIPMENT AND MATERIALS REQUIRED:**
1. Orbiter
2. Drive Pad Holder
3. White Polish Pad
4. Floor finish liquid
5. Clean string mop, 16-20 oz. size
6. Bucket and wringer
7. Disposable plastic bag

**PROCEDURE:**
1. Place disposable bag inside of bucket with wringer. This will protect floor finish from being contaminated and chemical residue remaining in bucket.
2. Pour quart size container of floor finish into the disposable bag. Amount of floor finish depends on size of floor area to be covered and number of coats to be applied.
3. Dip the mop tip ONLY into the floor finish and wring out lightly. Avoid dripping floor finish or splashing on walls.
4. Apply floor finish in thin even coats. Apply FIRST COAT of floor finish along baseboard edges and cover remaining floor area in an east-west direction.
   **HINT:** Only first coat of floor finish need be applied to baseboard edges.
5. Allow floor finish to dry 20 minutes before applying second coat.
6. Apply second coat of floor finish 1 tile width out from baseboard. Application should be in a crossing direction to the preceding coat.
7. Additional coats (3 and 4) of floor finish should be applied to achieve the level of appearance desired. Four coats of floor finish will provide extra protection to the floor surface.
8. Allow 24 hours for floor finish to harden before buffing.
9. Buff floor to higher shine using Orbiter, Drive Pad Holder and white polish pad.

**PRECAUTIONS:**
1. When using NEW mops to apply floor finish, make sure to rinse mop first. Foreign chemicals will affect the floor finish.
2. Completely submerging mop head into the floor finish is a waste of product.
3. Turn mop over frequently for even distribution of floor finish.
4. Do not allow mop to become dry; this will cause streaking.
5. Apply floor finish in thin even coats.
6. Do NOT pour floor finish and attempt to spread evenly. This will cause dark spots and delay drying time.
Stripping Procedure

Residential Use
This procedure can be used on most types of hard floor surfaces, EXCEPT WOOD FLOORS.

EQUIPMENT AND MATERIALS REQUIRED:
1. Orbiter floor machine
2. Drive pad holder
3. Black strip pad or brown scrub pad
4. Broom or dust mop
5. Wax remover or stripping solution
6. Small black pad - HINT: Use “donut hole” from black or brown pad.
7. Mops - 2 each (1 to apply/pick up stripping solution and 1 to rinse floor)
8. Bucket and wringer
9. Wet-dry vacuum (for dirty and rinse water pick-up)

PROCEDURE:
1. Sweep floor area to be stripped (broom or dust mop).
2. Mix stripping solution according to manufacturer’s instructions on container label for proper solution mixture.
3. Dip mop in stripping solution and apply to floor in a 6’ x 6’ area. Apply along baseboard edges first or where there is a wax or dirt build-up.
4. Let solution stand for 5 minutes, scrub floor with Orbiter floor machine, pad holder and black or brown pad. Use small black pad, “donut hole,” to reach in corners and around door jambs.
5. To pick up dirty solution, use a mop or wet-dry vacuum. DO NOT ALLOW STRIPPING SOLUTION TO DRY ON FLOOR.
6. Repeat steps 3-5 until all floor area is completely stripped.
7. Rinse area TWICE with clean water and clean mop. Pick up water with mop or wet-dry vacuum.
8. Allow floor to dry before applying new floor finish.

PRECAUTIONS:
1. Do not flood the floor with stripping solution or allow solution to dry before pick-up.
2. Use clean mop for final rinse.
3. Change rinse water frequently.
4. Use damp cloth to wipe off any splashes on walls or furniture.

Bonnet Cleaning Procedure

CARPET BONNET CLEANING PROCEDURE
This procedure can be used on most types of carpets.

METHOD 1 - FOR SPOTS OR SMALL AREAS

EQUIPMENT AND MATERIALS REQUIRED:
1. Orbiter floor machine
2. Drive pad holder
3. Carpet bonnet
4. Oreck Soil Release Spray

PROCEDURE:
1. Lightly spray Soil Release over spot in carpet or high traffic area.
2. Place pad holder on Orbiter and center on top of carpet bonnet.
3. Work carpet bonnet over treated area.
4. Turn carpet bonnet over when soiled and continue to clean carpet.
5. When job is complete, clean carpet bonnet in washing machine or hose off and allow to air dry.

METHOD 2 - FOR LARGE TRAFFIC AREAS

EQUIPMENT AND MATERIALS REQUIRED:
1. Orbiter floor machine
2. Drive pad holder
3. Carpet bonnet
4. Liquid shampoo
5. Bucket and wringer

PROCEDURE:
1. Mix liquid shampoo in bucket according to manufacturer’s instructions.
2. Soak carpet bonnet in shampoo mix.
3. Wring out carpet bonnet until damp and place on carpet.
4. Center Orbiter with pad holder on carpet bonnet.
5. Turn machine on. Work carpet bonnet over soiled area.
6. When carpet bonnet becomes dry, repeat Steps 2-5 until carpet area is cleaned.
7. When job is complete, clean carpet bonnet in washing machine or hose off and allow to air dry.
Hard Floor Cleaning

HEAVY-DUTY CLEANING FOR HARD SURFACE FLOORS (except wood and marble)

EQUIPMENT AND MATERIALS REQUIRED:
1. Orbiter floor machine 5. Oreck O Monster® All Purpose Cleaner
2. Black Drive Pad Holder 6. Broom or Dust Mop
4. Brush 8. Mop & Bucket

PROCEDURE:
This method uses Oreck O Monster® All Purpose Concentrated Cleaner to remove dirt, grease, oil, food, shoe scuff marks, and general grime from hard flooring. The effectiveness of the cleaning is a direct function of the concentration of the cleaning agent and the aggressiveness of the pad or brush being used.

1. VACUUM OR SWEEP FLOOR
Clean the floor with a broom or dust mop or Oreck vacuum cleaner.

2. MIX CLEANING SOLUTION
Mix the Oreck All Purpose Concentrated Cleaner with warm water according to the directions on the bottle.

3. APPLY SOLUTION
Apply solution to floor in a 6'x6' area. Do not flood the floor!

4. SCRUNCH BROWN PAD OR BRUSH
Scrub floor with Orbiter using the Drive Pad Holder with the Brown Pad or the Brush for grouted floors.

5. REMOVE SOLUTION FROM FLOOR
Pick up dirty solution with a mop or wet-dry vacuum or use the Orbiter with a carpet bonnet to mop. Do not allow cleaning solution to dry on floor.

6. FINISH
Rinse floor area with clean water and a clean mop. Change water frequently.

Helpful Hints:
Clean Hard to Reach Places: Remove the center part of the pad. Use this to scrub hard to reach areas such as corners and around door jambs.
Do not flood the floor areas with cleaning solution.
Do not allow the cleaning solution to dry on the floor before pickup.

Use a clean mop for final rinse.

Change rinse water frequently.

Please check with your floor manufacturer's recommendations on how to clean your particular floor. Some floors require certain procedures.