



Origin Vitesse UHS 1500B

Burnisher with Passive Vacuum



Owners Operating Guide

**Origin Cleaning Equipment Pty Ltd
Seven Hills NSW
AUSTRALIA**

Made in Australia

SAFE AND PROPER USE OF THIS MACHINE

Make sure that this manual is read and understood by the operator. Only trained operators should operate this machine once they are familiar with the adjustments and correct method. When using this machine, basic safety precautions should always be observed, including the following:

READ ALL INSTRUCTIONS BEFORE USING THIS MACHINE.

1. **Use this machine** only as described in this manual. Use only manufacturer's recommended pad and pad size. Incorrect pad could cause increase in amperage draw and the BMS will cut out the machine.
2. **DO NOT** use as a floor sander and **DO NOT** use to strip polish from floors. **DO NOT** pick up building materials such as plaster dust, wood shavings, sand etc.
3. Use this machine only on floors that are **hard floors that have a ultra high speed polish** on the floor.
4. **DO NOT** use if the cable from the handle that connects to the base is damaged.
5. **DO NOT** use if this machine has been left outdoors and exposed to rain or water. Return the machine to an authorized dealer for examination.
6. **DO NOT plug the charger into the wall outlet before connecting the charger connector to the battery connector on the machine.**
7. **DO NOT CHARGE** the battery in an enclosed area where there is vapours given off from oil based paints, paint thinners, flammable dust, powdered milk, or other explosive or toxic vapours.
8. Keep the machine away from heated surfaces.
9. **DO NOT** unplug the charger by pulling on the cable. To unplug, grasp the plug.
10. ALWAYS SWITCH OFF THE CHARGER AT THE WALL BEFORE REMOVING THE CHARGER CONNECTOR FROM THE MACHINE.
11. **Keep** hair, loose clothing, fingers, rags, steel wool and feet from openings, rotating brush and other moving parts. **Make sure no openings are blocked that will restrict airflow.**
12. **DO NOT** pick up hot objects, cigarette butts, matches or any smoking or burning objects.
13. **DO NOT** pick up or run the pad over hard or sharp objects such as glass, nails, screws, coins, etc.
14. **DO NOT** use without all the filters in place. Use **ONLY** filters and accessories provided by the manufacturer.
15. **When charging, the machine can be switched on in order to obtain the battery charge level as indicated on the meter located on the front of the handle switch box**
16. **DO NOT** pick up flammable or combustible materials or use this machine in the presence of explosive liquids or vapours.
17. **DO NOT** use in an enclosed space filled with vapours given off by oil based paints, paint thinners, flammable dust, powdered milk, or other explosive or toxic vapours. **THIS IS NOT AN EXPLOSION PROOF MACHINE.**
18. Always store this machine indoors.

DO NOT ATTEMPT TO REMOVE THE BATTERY OR THE BATTERY CASING AS THIS CAN CAUSE HARM AND DESTROY THE BATTERY. ALL WARRANTIES WILL BE VOID IF THIS OCCURS AND IS EASILY IDENTIFIED.

This appliance is not intended for use by young children or infirm persons, without proper supervision. Young children should be supervised to ensure that they do not play with this appliance.

DO NOT expose to rain and DO NOT pick up water or other liquids.



Delivery and Assembly

Packaging

This machine is packed in two cartons. Carton 1 contains the handle assembly and carton 2 contains the base assembly with an Ultra High Speed pad attached and the operating guide.

To remove the base assembly cut the side of the carton where the wheels are located. Then slide the base assembly out of the carton. Remove handle from by sliding out of the carton.

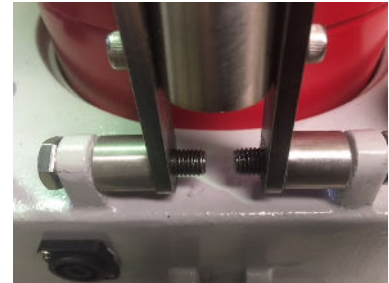
Handle Assembly

Tools required to assemble the handle to the base:

2 x 17mm spanners, 2 x 13mm spanners. Remove the M10 nut and slide M10 x 60mm bolt back as shown in Picture 1. Fit the handle, locating the yoke, then push bolts through as in picture 2. Fit the M10 nuts one at a time picture 3, then tighten until very firm.



Picture 1



Picture 2



Picture 3



Picture 4



Picture 5

Remove the M8 nut, washers and M8 x 55mm bolt from the support handle hinge. Fit support handle hinge between the narrow base lugs. Fit the M8 bolt as shown in picture 4. Tap bolt head with a hammer if necessary until it is through the second lug. Fit washer and M8 nut to the bolt and tighten until firm. Complete as in picture 5.

Electrical Connection

Locate 7 pin socket from the handle and align to the 7 pin receptacle on the Machine base so that the locators engage (see picture 6). Push in socket and turn the locking nut on the socket until tight. If the locking nut is not engaging then pull back on the socket a fraction and then turn. Tighten socket nut until hand tight.



Picture 6

Adjustments and Operating

1. Handle Adjustment

To adjust handle height, lift the handle clamp open (see picture 7) and then adjust the handle to waist height. Once handle is in a comfortable position lock the handle clamp close. (see picture 8)

If the handle requires the lock position to be tighter to prevent movement, then lift the handle clamp open and rotate the handle clamp clockwise one turn and then lock the handle clamp closed. If needed to be tighter then adjust the nut at the back. HOWEVER DO NOT OVER TIGHTEN.



Picture 7



Picture 8

2. Pad Size

Use a 52cm Ultra High Speed pad.

Note: This Burnisher is supplied with an Ultra High Speed Pad that is suitable for this machine. Other types of High Speed Pads can be used however the wrong type of pad could effect the result on the floor and can cause increased amperage overload on the motor. The BMS will cut out the machine if there is an overload. Seek advice from your Dealer.

2a Fitting a new pad

MAKE SURE MACHINE IS SWITCHED OFF. Bring the Handle to the upright locked position. Standing behind the machine, lay the machine back so the handle is on the floor. Locate the **pad lock adapter** into the centre of the pad. (see picture 9) and push the **pad lock adapter** through completely (see Picture 10). Then place the pad onto the pad driver locating and centering the **pad lock adapter** to engage the lock plate. Turn the **pad lock adapter** counter clockwise as indicated on the adapter, turn until adapter is impressed (see Picture 11). Return the machine to an upright position.

2b Removing the pad

Turn the pad lock adapter clockwise and remove. Pull off the pad. (see Picture 12).



Picture 9



Picture 10



Picture 11

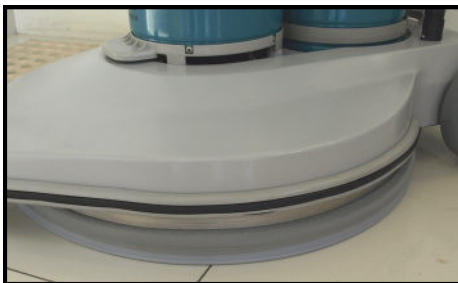


Picture 12

3. Settings and adjustments

Once machine is in the upright position, adjust the handles to a comfortable position to enable the pushing of the machine in a straight line, usually just below your waist. Check that the skirt is sitting evenly on the floor (see Picture 13). Then turn the pad pressure knob at the front of the base (see Picture 14) so that there is good pad contact with the floor at the front of the machine. Run a new pad in for a few minutes before increasing the pressure as this will help to improve the life of the pad. As the pad compresses over time increase the pad pressure accordingly.

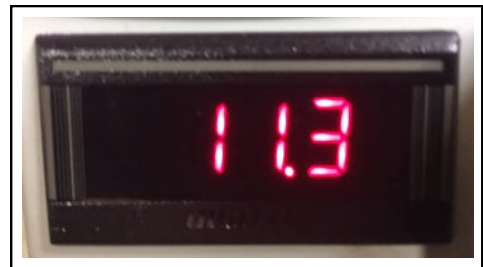
At the top of the handle switch box is a meter (see Picture 15). that indicates pad pressure, only activates when machine is operating. DO NOT OPERATE THIS MACHINE CONTINUALLY WITH PAD PRESSURE- ABOVE 80%, ideally between 75 to 80 %. When using a new pad the meter could read above 80%, continue to run for 30 seconds and if the reading does not drop then adjust the knob (14) to lessen pad pressure.



Picture 13



Picture 14



Picture 15

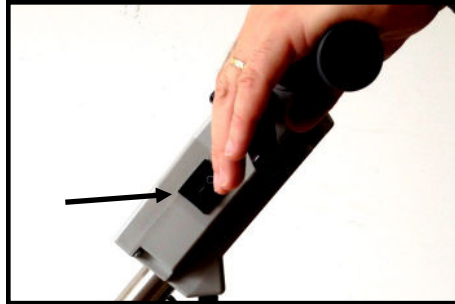
Before switching the machine to on, make sure the pad and the floor is suitable for ultra high speed otherwise damage to the floor can occur.



Picture 14



Picture 15



Picture 16



Picture 17

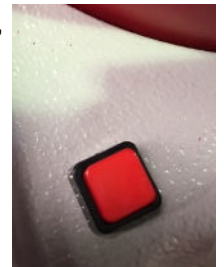
4. Controls and Indicators

Switch on Master Switch (see picture 14). The Power On/Off Switch is on the LH side of the handle switch box (see picture 15 & 16). NOTE: Square red button on the base is a battery 'wake-up' switch (see picture 18). Push once master switch is activated. If the machine is not in use for a few days, the battery will shut down into sleep mode. Just push this button switch to activate the battery.

The front of the switch box has two independent buttons which are a safety locking device to prevent switch levers from accidentally activating. (see picture 17). The button lock must be pushed in before lifting the switch lever. Each button unlocks the switch lever next to it. To activate the machine, either lever or both together will start it, then release push buttons.

Battery charge level meter is located on the switch box front (see picture 19). This meter indicates the amount of usable battery charge left. To obtain an accurate reading stop the machine but leave the power switched on, then wait a few seconds for the reading. The reading when the machine is running is only a fluctuation of current loading.

When the battery is being charged leave the machine switch on and it will indicate the charge level. The battery charger will automatically switch off when battery is fully charged, and the green light on the charger will glow.



Picture 18



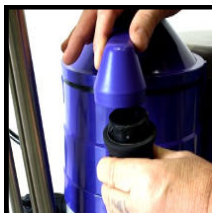
Picture 19

7. Removal of the vacuum Lid

First remove the hose attached to the lid by turning Clockwise (See Picture 20 & 21). To remove the lid, place a finger under **the tab in front** of the unit (see picture 22). Pull tab out and up slightly to disengage tab from the body and to clear the black ring on the filter bag. Grab the lid then pivot back and lift up.



Picture 20



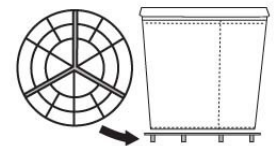
Picture 21



Picture 22



Picture 23



Bag Support

Picture 24

8. Fitting of the vacuum lid

The lid needs to be fitted so that the elbow (where the hose fits on) is in the correct position to engage the hose. To fit the lid, make sure the filter bag is located inside the canister so that the black ring on the filter bag is flush with the top of the canister. Then locate the lid over the filter bag ring so that the tabs on the lid are in line with the indents on the canister. Push lid firmly down so that tabs lock into position. Then fit hose by inserting the hose cuff and turning counter clockwise to a locked position. (see picture 23)

ALWAYS MAKE SURE that the bag support and the white filter disc are fitted under the filter bag. (See Diagram 24).

Machine Operation

- After fitting the pad (IF A PAD IS NOT FITTED DAMAGE CAN BE CAUSED TO THE FLOOR IF THE MACHINE IS USED AND WILL ALSO CAUSE DAMAGE TO THE PAD DRIVER).
- Adjust the handle to a comfortable position.
- Adjust the pad pressure.
- Push in the safety lock button and lift the switch lever.
- Check the pad pressure meter. Make sure that the reading is 75 to 80 %.

Machine Movement

The machine moves by pushing in a straight line or it can pivot by turning the handle.

Maintenance and storage

Filter Bag

1. Always empty the filter bag at the end of a shift even if the bag is not full.
2. Make sure the bag support stand is in position at the bottom of the canister under the filter bag (see Diagram 18). **N.B.** This support stand **must always** be in position to maintain good airflow. The secondary filter disc must be used and sits on top of the bag support.
3. Check the filter bag for holes or tears. Replace the bag if torn or damaged.
4. **The cleaner the filter bag is kept the better the airflow.** The filter bag can be cleaned by turning the bag inside out and using a soft banister brush to remove dust or use a vacuum cleaner.
5. **DO NOT WASH THE FILTER BAG.**
6. Consider using a disposable liner bag—it will serve as an extra filter and keep the filter bag clean.

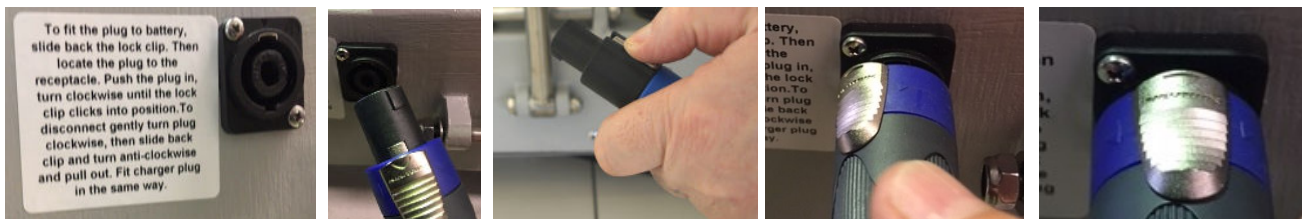
Skirt Maintenance

Keep the skirt clean of debris and dirt and check that the skirt chute opening is clear of debris. Also check that the hose is clear of debris.
Replace the skirt if torn or damaged.

Pad Care

Replace the pad when worn or the pad starts to de-laminate.
Excessive amounts of floor finish or dirt collected on the pad can cause drag and overload the machine.
Keep the pad clean after use.

Charging the Battery



Picture 25

Picture 26

Picture 27

Picture 28

Picture 29

Connect charger plug to the receptacle at the rear of machine base (see picture 25) **before switching on the charger.** To fit the plug, slide back the lock clip (see picture 26 & 27). Then locate the plug into the receptacle (on the machine (see picture 28) and push in and turn clockwise until the lock clip clicks into position. (see picture 29)

To disconnect the charger plug, **first make sure the charger is switched off.** Slide back the lock clip and hold while turning anticlockwise and pull out.

NOTE: When the battery is fully charged the charger will automatically turn off and the green light will glow. If the machine is switched on the battery charge level meter (see picture 19) will indicate the charge.

Machine Transportation

To transport the machine, ensure that the handle is in the upright position and that the wheels are unobstructed. Stand behind the machine handle and tilt the machine backwards and then move the machine in a FORWARD DIRECTION to prevent skirt damage. (see picture 30)

Whenever possible avoid lifting the machine unless there are two people .

Do not transport the machine up stairs by pulling on the handle as it can cause injuries to the operator.

When lifting the machine operators should be trained in lifting and in handling techniques.



Picture 30

WARRANTY

Origin Cleaning Equipment Pty Ltd warrants to the original purchaser that this product is free from defects in workmanship and materials under normal use and service for a period of 12 months from date of purchase, provided such claims are submitted through and approved by Origin authorized dealers. Origin will under warranty repair or replace without charge, except for transportation costs, parts that fail under normal use and service when operated and maintained in accordance with the applicable operation and instruction manuals.

This warranty does not apply to normal wear, or to items whose life is dependent on their use and care, such as filter bag, pads, hose assembly and skirt. The battery has a pro rata warranty.

All warranted items become the sole property of Origin Cleaning Equipment Pty Ltd.

This limited warranty is in lieu of all other warranties, expressed or implied, and releases Origin from all other obligations and liabilities. Origin is not responsible for costs for repairs performed by persons other than those specifically authorized by Origin. This warranty does not apply to damage from transportation, alterations by unauthorized persons, misuse or abuse of the equipment, or damage to property, or loss of income due to malfunction of the product. Origin will pay to pick up the machine from original delivery location if there is a valid warranty claim.

If a difficulty develops with this product, you should contact the dealer from whom it was purchased.