



Workmatetm

USER MANUAL

Covers getting to know your machine,
specifications , sanding discs,
maintenance, and useful tips.

For North American and Global Models

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USA 800-928-0090
No. Am. 866-864-0210
Intl. 508-278-0091
Fax 508-278-0005
www.venmill.com

Thank You for Purchasing

This unit is intended to sand the following discs:
CD-ROMs, Music CDs, Data CDs, DVDs, HD-DVDs,
Computer Discs, Game Discs, Books on disc, all recordable
CDs & DVDs, double-sided discs, and 3 inch discs.

Blu-Ray discs can NOT be sanded on this unit.

**SAVE ALL PACKING MATERIALS. FAILURE TO USE
PACKAGING DESIGNED FOR THIS UNIT MAY CAUSE
DAMAGE TO THE UNIT AND WILL VOID WARRANTY.
FOR MORE INFO CONTACT SUPPORT@VENMILL.COM**

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Every effort has been made to ensure that the information in this manual is accurate. VenMill is not responsible for printing or clerical errors.

CAUTION: Units and consumables are designed for use in specific regions. Your warranty will be voided if you purchase the equipment and/or consumables outside of your designated region. Purchase only through Authorized Distributors found on our website at www.venmill.com. If uncertain, please contact sales@venmill.com.

Specifications:

Weight: 12 lbs / 5.44 kgs

Dimension: 11.9 in x 7.7 in x 7.25 in
30.2 cm x 19.6 cm x 18.4 cm

Power: 24V Safe DC Power

Manufactured by: VenMill Industries, Inc

Warranty: 1 Year Limited

Unit Includes:

Unit includes pre-installed blue sanding pads, and grey sanding pads.

1. Power Supply
2. (1) Cleaner Disc
3. (1) 2 oz. bottle of WorkMate Sanding Liquid
4. (6) Double-Sided Disc Label Protectors

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Unpacking/Repacking

Please use these instructions if you need to repackage your unit for shipment. Reverse the unpacking instructions for repacking the unit.

SAVE ALL PACKING MATERIALS. FAILURE TO USE PACKING DESIGNED FOR THIS UNIT MAY CAUSE DAMAGE TO THE UNIT AND WILL VOID WARRANTY.



1. Open the brown outer shipper box. Remove foam holder.

2. Remove the WorkMate retail box from the outer shipper. Carefully open the box.

3. Remove foam wedge and all supporting documents.



4. Remove the bag containing the WorkMate and gently place it on a table.

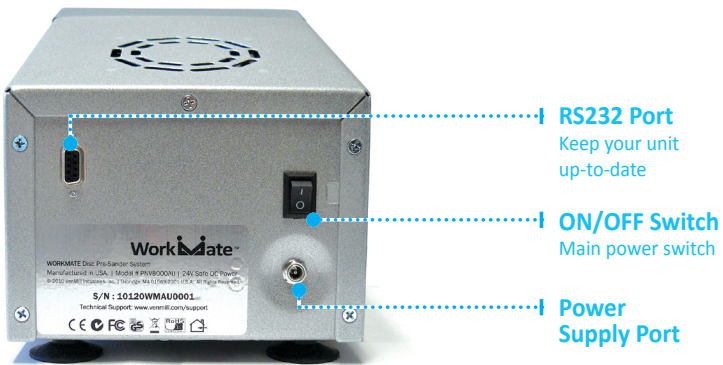
5. Remove cardboard insert within the retail box. This insert contains the power cord and the power adapter.

6. Remove WorkMate from the bag.



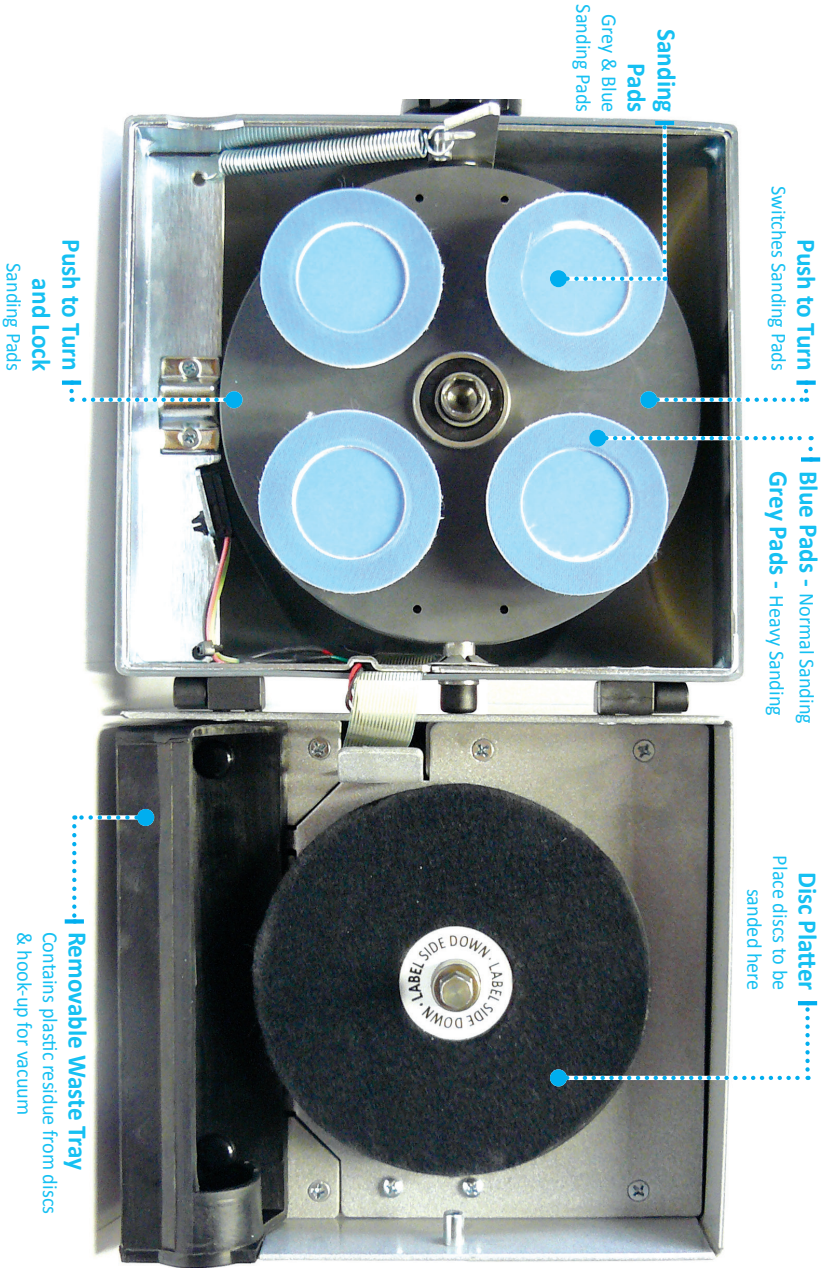
7. Place insert, bag, and wedge back into the retail box. Place retail box back inside the brown outer shipper. Store packing material in a safe place.

If you have any questions or difficulties please feel free to call VenMill Industries Customer Support line toll free at 1-866-864-0210 or 1-508-278-0091.

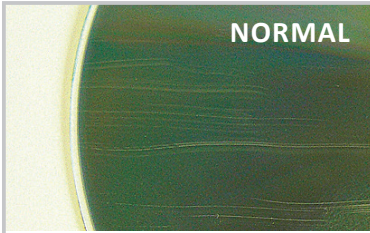


GETTING TO KNOW YOUR MACHINE

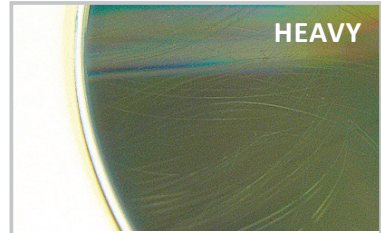
For Easy Viewing, Rotate Book



SANDING DIFFERENT TYPES OF DISCS



All discs, except Blu-ray.
Blue Pads - Normal - Start



All discs, except Blu-ray,
Black, & 3 inch.
Grey Pads - Normal - Start, then
Blue Pads - Normal - Start



All discs, except Blu-ray,
Black, & 3 inch.
Grey Pads - Heavy - Start, then
Blue Pads - Normal - Start



NO BLU-RAY
At this time Blu-Ray can not
be used in this machine.



DOUBLE-SIDED DISCS

Important: To protect the inner ring printing of your double-sided disc we have provided Double-Sided Disc Label Protector for your use.

Apply the label protector to inner-ring of double-sided disc to be sanded. After sanding cycle process has completed, immediately remove label from disc and continue with the finishing buffing process.

How to Sand a Disc on Normal Mode

1. Plug in machine and turn ON/OFF switch in back of unit to “On” (Up) position. Front display should light up with “Ready” & “Normal”.

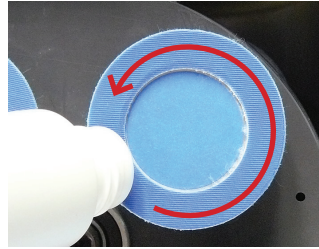


2. Turn locking knob on right side of machine towards you to open door.



3. Upon initial start-up your machine should be displaying “Normal” with Blue Pad LED lit.

4. Place disc, that is to be sanded, on top of the disc platter, with label side face in. (Optical side to be sanded should be facing you.)



5. On each blue sanding pad, swirl 2 rotations of WorkMate Sanding Liquid, by gently squeezing bottle and applying. Also apply liquid to disc evenly. (Failure to do this can create plastic inclusions on disc.)



6. Close the door and hit “START”.

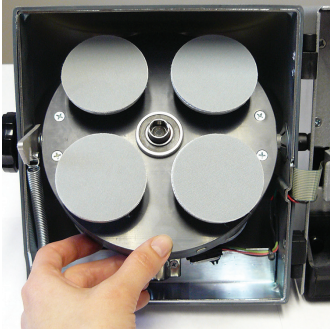


After the cycle has completed the “Ready” light will turn on. You can now remove your disc.

7. Now run your sanded disc on any VenMill OptoClear™ buffing disc repair machines on the longest buffing cycle, to finish repair.

How to Sand a Disc using Heavy & Extra Heavy

Important: All discs no matter which mode selected must be finished using the Blue Sanding Pads.



For discs that require heavy sanding you will need to flip the sanding head to the grey sanding pad side.

On each grey sanding pad, swirl 2 rotations of WorkMate Sanding Liquid, by gently squeezing bottle and applying. Also apply liquid to disc evenly. (Failure to do this can create plastic inclusions on disc.)

Press either “Normal” for Heavy Mode or “Heavy” for Extra Heavy Mode then Start.

After the Grey Sanding cycle has finished, now repeat the previous instructions for “How to Sand a Disc on Normal Mode” to finish the disc repairing process.

Cleaning the Sanding Pads using the Cleaner Disc



After every cycle your sanding pads will need to be cleaned, using the White Velcro side of your Cleaner Disc. Place Cleaner Disc in the unit with the Velcro side facing operator. Liberally apply WorkMate conditioning solution on Velcro. Cleaner Disc should appear to be soaked. Also dab solution on sanding pads. Close the door. Verify

that the unit has defaulted to “Clean” mode. If not, press once the function that is lit to switch to “Clean” mode. Then hit “Start”

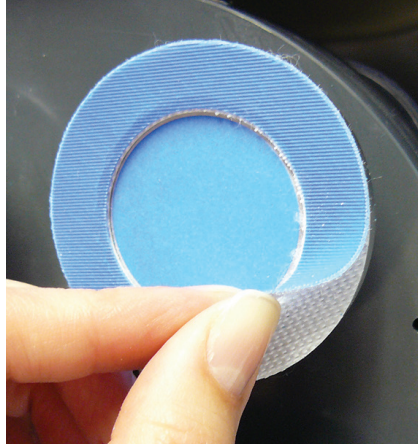
Important: This should be done on all pads used in the sanding process, when a disc is completed.

WORKMATE WILL FLASH AND INDICATE WHEN NECESSARY SUPPLIES NEED TO BE CHANGED. Failure to use consumables designed for this unit will cause damage to both unit and discs thereby voiding your warranty.

Installing Sanding Pads *(directions for both grey and blue pads)*

Important: Only replace pads that are indicated.

Remove worn sanding pads by lifting outer edge away from sanding mounts. Caution do not remove Velcro from mounts. You will want to remove all four worn pads. Failure to do so will result in inadequate repairs or even damage the disc.



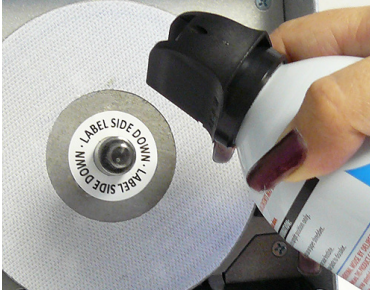
Installing new Sanding Pads

Take four new sanding pads and line up the outer edge of the sanding pad to the outer edge of the Velcro sanding mounts. Press firmly to seat against Velcro. Sanding pads do not need to be perfectly centered. Once removed the sanding pad is damaged and can not be used. Shut front door and lock.

Now you will need to **reset the internal counter**: Press and hold the “reset” button for 3 seconds. When unit has reset you will see all LEDs flash for 3 seconds.

Cleaning the Inside of the Unit

Over time it is common for plastic shavings to buildup in the machine. You will need to clean the inside of the unit:



Compressed air.

When the machine is not in use open the front door and remove the catch tray and discard the plastic shavings. Reinstall Waste Tray. Use compressed air to remove plastic shavings inside the unit.

Caution: This may cause debris around work area. It is suggested that the unit be cleaned in an open area or outside. There are no hazardous materials from dust particles.

Removable Waste Tray: Please note that the collector tray needs to be positioned close to the unit otherwise it prevents the door from closing right and the unit will not engage properly.

How to Clean the Cleaner Disc

Approximately every 25-50 disc or when visible buildup occurs, you will need to clean your Cleaner Disc. To do this, take Cleaner Disc and use a cleaning brush to remove buildup that has occurred.

This helps prevent plastic inclusions to accumulate in the machine and on the disc.



What are plastic inclusions?

If you notice on the picture to the left, small pieces of plastic particles from the sanding process make their way into the surface of the disc.

USEFUL TIPS

TIP 1. When doing a repair with Grey Sanding Pads immediately proceed to Blue Sanding Pads, then proceed to cleaning both pads.

TIP 2. If entire display is flashing: This indicates an error. Simply turn machine off and on to reset. If flashing reoccurs several times please call Technical Support at 1-866-864-0210.

TIP 3. Do not place Blu-Ray discs in sanding system.

TIP 4. Never sand the label side of any discs.

TIP 5. Double sided discs need to be sanded on both sides before buffing.

TIP 6. Discs can be sanded over a dozen times on “Normal” or “Heavy” Sanding cycles.

TIP 7. Do not put cracked, fractured, warped or separated discs into the machine. Discs that have scratches into the digital layer can not be repaired.

TIP 8. If you are getting plastic inclusions on the disc then generally speaking the discs are being sanded too dry. Re-sand the disc using the extra heavy mode and use more than normal sanding pad solution.

TIP 9. If you have a hard time latching the sanding head shut, it is because the clutch is out of alignment. Both the female and the male clutching parts have a hex head. Sometimes the hex head can accidentally move when one of the sanding satellites is bumped while handling the machine and this could throw off the alignment. All you need to do is rotate any one of the sanding satellites in any direction for about a quarter of a turn. The sanding head should then be able to shut properly.

1.) Why is my unit leaving white spotted marks on my discs?

It is possible for the WorkMate to produce white spotted marks on the surface of the disc. These marks are actually small pieces of plastic particles. This situation occurs when the sanding pads clog and cannot dispose of the plastic being removed from the sanding process. Since the disc's surface is hot, the clumps of plastic that are left on the surface of the sanding pads, adheres to the surface of the disc. If the machine is ran and maintained properly, this situation will not result. Failure to clean the sanding pads with the Cleaner Disc after every cycle will result in clogged sanding pads. Failure to use the Sanding Solution on every run, including the "Clean" mode, will result in clogged sanding pads. Sanding pads that have gone beyond their recommend life span will increase the risk of plastic inclusions.

2.) Why are my pads slipping off the Velcro?

The sanding pads are only designed to be installed once. If the sanding pad is installed, removed, and then reinstalled this will produce bad results. The mesh on the back on the sanding pad can not handle multiple applications. Once the pad is removed the meshing on the back side breaks down. Due to the break down the sanding pad will not adhere properly to the Velcro and this will cause the slippage. Another possibility for this slippage of the sanding pad can be due to the sanding pad not being fully seated on the Velcro during the initial installation. When the machine cycles for the first time, the process will move the sanding pads. Make sure to center the pads before installation and make sure to press down so that the Velcro and meshing adhere properly.

3.) Why are my new pads not full circle, but just the outer section?

"Circular" and "Ring" style sanding pads are interchangeable. This difference in style is only applicable to the Blue sanding pad. The Gray sanding pad will always come in the "Circular" style. Both styles however handle the same amount of cycles. Initial test have shown that the "Ring" style sanding pads may help reduce clogging by providing an overflow area. With this theory, this would help eliminate plastic inclusions from developing on the discs.

4.) Why is my WorkMate leaving swirl marks on my disc?

During the sanding process it is natural for the sanding pads to leave pattern rotation marks on the discs. However, after running the disc through a buffing process on one of VenMill's OptoClear machines, the marks will be removed. If the marks are still apparent after running through one of these machines it may be that the corresponding buffing unit itself is out of calibration. Please see the corresponding User Manual for calibration steps or please contact Technical Support. Failure to use the machine as outlined in this User Manual will result in damage to the discs.

5.) How do I reset my pad counter?

The sanding pads will need to be changed when they reach their life expectancy. The WorkMate monitors the amount of use on each set of sanding pads and will notify the user when they need to be replaced. The WorkMate will not allow further operation until these sanding pads are replaced and the counter is reset. Depending on the style of your WorkMate unit, there are two ways to reset the sanding pad counter.

Press in on the Stop/Reset button and hold until all the lights on the key pad light up. Remove fingers from the button. Once the reset is complete the lights will turn off and the machine will be ready to resume operation. If for some reason the reset does not take, redo the reset process. Note: This reset is only good for the consumable needing replacement. This reset will not affect the other pads that are not ready for replacing.

6.) Does resetting the pad counter, reset the counters for both grey and blue pads?

When the reset process is performed on this machine to reset the sanding pad counter, just the consumables that need to be replaced will be reset. Performing this reset will not affect any other counters within the machine.

7.) How many cycles can I run with a combo pack?

The combo packs containing solely Blue or Gray sanding pads are good for 300 cycles. A set of four sanding pads has a life expectancy of 100 cycles. A mixed combo pack of 8 Blue sanding pads and 4 Gray pads will still produce an overall total of 300 cycles. However, this mix breaks down to 200 cycles for the Blue sanding pads and 100 cycles for the Gray sanding pads.

NOTE: WHEN REPLACING THE SANDING PADS, ALL FOUR SANDING PADS NEED TO BE REPLACED AT THE SAME TIME! FAILURE TO DO SO WILL RESULT IN INADEQUATE REPAIR RESULTS AND CAN DAMAGE THE DISCS.

8.) Why does the door on my WorkMate not always close?

Inside the WorkMate unit there are two parts that mate together to cause the sanding heads to rotate. One part is located on the platen and the other part is located on the center of the sanding station. The part on the platen is a hex styled stud. The part on the sanding station is a hexed styled insert. These two pieces need to be aligned properly for one to fit inside the other. Before a cycle can be performed, the operator must apply solution to both the sanding pads and the disc. This motion may move the orientation of the female hex insert or the male hex stud. Therefore, when the door is closed the two pieces will not align and the door can not be closed all the way. TIP: After apply the needed amount of solution to the sanding pads and the disc; simply turn one of the sanding heads by a quarter of a rotation. Direction of the turn does not matter.

Another cause for the door not closing properly can be linked to the Waste Tray not being seated properly. If the door will not close and you have tried the previous suggestion, check to make sure the Waste Tray is fully seated in the machine. If the Waste Tray seems out of place, remove the tray and reinstall.

9.) Can a Blu-Ray or PS3 disc be repaired on my WorkMate?

Currently, a Blu-Ray disc can not be repaired in the WorkMate unit. Due to the hard “glass-like” nature of the surface of a Blu-Ray disc, the sanding process can not adequately restore the Opto clarity of the disc’s surface for the Blu-Ray player to read through.

NOTE: A PS3 video game is a Blu-Ray style disc.

10.) Can a PlayStation, PS2, Xbox, and/or Wii video game be repaired on my WorkMate?

Yes, the WorkMate machine is able to repair all types of discs except for Blu-Ray.

FOR SUPPORT INFORMATION

www.venmill.com

or

508-278-0091

866-864-0210 TOLL FREE

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