

GreenBroz^{Inc}



Trimmer User Manual
Standard and Commercial Models

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Effective January 1, 2015

WARNING: THIS MACHINE CONTAINS SHARP MOVING PARTS. DO NOT ATTEMPT TO TOUCH THE BLADE SURFACE WHILE USING THE MACHINE. SERIOUS INJURY COULD OCCUR.

WARNING: LONG HAIR OR CLOTHING CAN BE CAUGHT IN MOVING PARTS. ENSURE THAT ANY HAIR OR CLOTHING IS AWAY FROM THE CUTTING BLADES. FAILURE TO DO SO COULD CAUSE SERIOUS INJURY.

WARNING: PLEASE ENSURE THAT THE MACHINE IS UNPLUGGED PRIOR TO ANY DISASSEMBLY. FAILURE TO DO SO COULD CAUSE SERIOUS INJURY

Machine Parts

Our Trimmers have the same parts, some in different size/style depending on the unit.



1. **Cutting Chamber Access Lid** – Keeps material in the cutting chamber
2. **Automatic Shutoff switch** – Shuts down the motor when the lid is opened
3. **Cutting Chamber** – Where processing of material occurs
4. **Cutting Blades** – Stationary Lower Blade and Rotating Upper Blade
5. **Brush** – Assists with the gentle rolling of material in the cutting chamber
6. **Blade Hub** – Holds the Upper Cutting Blade in place.
7. **Sweeper Bar** – Gently moves material in the cutting chamber
8. **Blade Tension Adjustment Screw** – Holds the Sweeper Bar and Hub in place
9. **Timer** – Automatic shutoff timer will stop the motor when the time is up
10. **Master Power Switch** – Controls the power to the entire unit
11. **Forward / Reverse Switch** – Allows you to reverse the blade when necessary
12. **Exit Door / Ramp** – Where material exits the machine when fully processed.*
*Note that newer models have a catch on the ramp to assist with holding a bag in place for even easier unloading (not visible in the image above).

Upper Cutting Blades:

GreenBroz offers two styles of Upper Cutting Blades for our trimming machines:

#1 Blade: We call this our “speed” blade. Use of this blade will significantly decrease your processing time and perform a closer trim, without removing excessive flower material.

#2 Blade: We call this our “detail” blade. It is thicker and will remove less leaf from your flower.

Unpacking your GreenBroz Trimmer for the first time

The day has come and you have an incredible new machine in your hands!
Congratulations and Thank You.

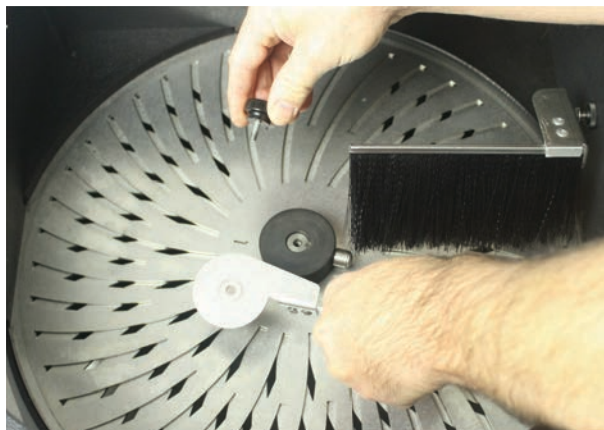
There are a few things you should do prior to using your machine for the first time.

All parts noted in the previous sections will be included inside of your machine. (Some models may only include one Upper Cutting Blade).

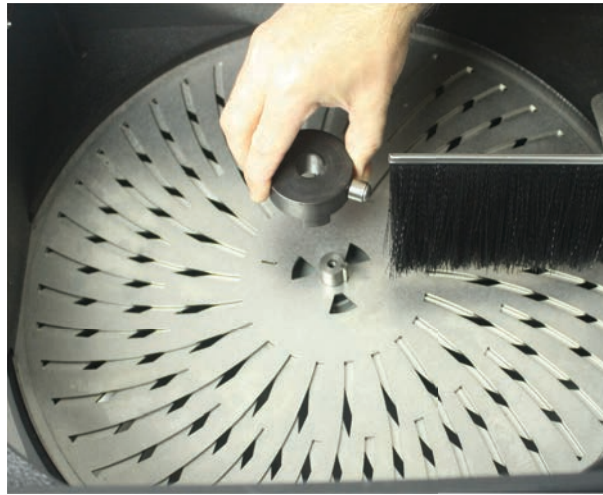
You will need to gather the following to prep your machine prior to use:

- Clean Cloth Rag(s)
- A small amount of Alcohol
- Oil (Organic Hemp, Organic Sunflower or Organic Canola)
- Razor Blade

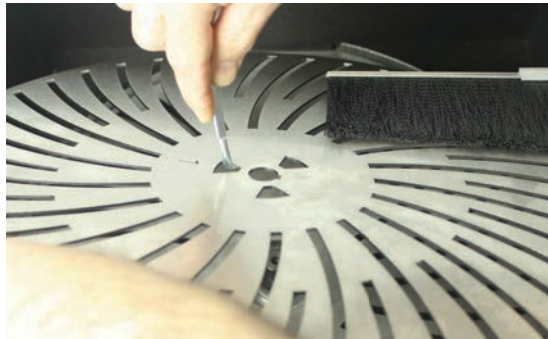
1. Remove the machine from the shipping container, and remove all plastic and tape. Keep your box and shipping material as it works well to store your machine when not in use.
2. Remove any packing material from inside the bottom of the machine (Standard Unit Only).
3. Set your machine on a sturdy surface, like a tabletop or the floor.
4. If you purchased two blades, they will both be included in the shipping box or mounted inside the Cutting Chamber under the hub.
5. Loosen the Blade Tension Adjustment Screw, then remove and Screw and the Sweeper Bar and set outside of the machine.



6. Remove the Hub from the Drive Shaft by lifting the Hub in the direction of the Drive Shaft. Place the hub next to the parts already removed in Step A.



7. Removing of the blade. **Do not place tools into the cutting edge of the blade!** Using a tool that fits within the Hub notches on the blade (Paint can opener, serrated knife blade or Allen key), slightly lift the top blade with your right hand, and with the left hand in the lower left of the cutting chamber gently lift it up off the motor shaft, up and towards the bottom left corner of the machine, removing the Upper Blade out of the Cutting Chamber. **DO NOT BEND OR PRY THE BLADE, AS YOU MAY DAMAGE IT!**



8. Remove the additional /second blade (if included and installed) as directed in step 7 above. NEVER operate with both blades in the machine!
9. **The Key on the Drive Shaft of the motor may at some time become loose. When removing the hub and blade, if the key is loose remove and set aside. Although we've done our best to secure the Key, it is ok if the key is loose.**



NOTE: Standard Trimmers will have a black bushing on the Drive Shaft below the Upper Blade. The bushing should be installed textured side up. If a Bushing is not present, please contact GreenBroz Staff and we will send you one. This Bushing helps prevent the Upper Blade on the Standard Machine from being over tightened.

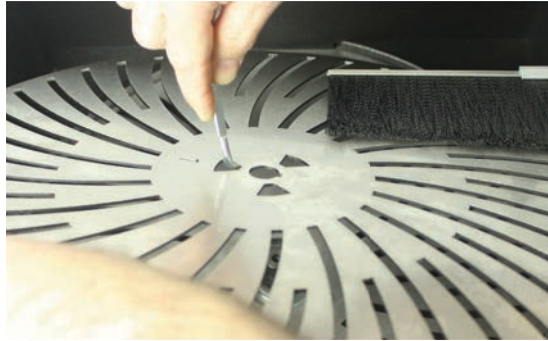
10. Lightly spray both the Upper Cutting Blades and the Cutting Chamber with alcohol and wipe down to clean prior to use. Only use a fabric cloth to clean, as paper towels will catch on the edges of the blades. Wipe from the center of the blade towards the outer edge, following the pattern of the blade.
11. In the Cutting Chamber, place a light film of oil on the outer edge of the bottom blade and towards the center of the blade. If using organic aerosol spray oil, two quick bursts is sufficient for each area. Use your finger to spread the oil around the center and outer area. Other oil applicators that work well are large syringes, eyedroppers or small refillable shampoo bottles used for traveling.



12. Sometimes the motor may shift during shipping. Inspect the four motor mount bolts that are visible on the Lower Blade surface. Ensure that they are below the cutting surface by running a razor blade over the area. If the screw heads are not below the surface, tighten to ensure they are below the surface before moving to the next step.

13. Choose the blade that you will be using and look at it. Ensure the direction of the cutting pattern is OPPOSITE as the pattern on the bottom blade. IF YOU INSTALL THE BLADES WITH THE CUTTING PATTERN IN THE SAME DIRECTION, THE MACHINE WILL NOT TRIM.

14. Gently slide the blade into the cutting chamber, under the brush and onto the drive shaft of the motor by aligning the keyhole on the blade with the Key on the drive shaft.



15. If the Key was removed, reinstall with the rounded end down. The Key when properly installed will be flush on the top of the Drive Shaft.



16. Reinstall the Hub onto the Drive shaft and fit the Upper Blade and the Hub together. The cleats of the hub will slide into the Upper Blade.



17. Reinstall the Sweeper Bar on top of the Hub with the Blade Tension Adjustment Screw. Ensure the Nub on the Hub is mounted behind the Sweeper Bar. It should “push” the Sweeper Bar from behind in a clockwise direction. Note that if installed incorrectly, the Sweeper Bar either may not fit properly or will have a large gap between the Upper Blade and the bottom of the Sweeper Bar.



**Your machine is now prepped and ready to use!
This process will become much easier after a few times.**

Preparation Of Material Prior To Trimming

Our Trimmers are simple to use, however you must prepare your material to be trimmed properly:

- The Greenbroz Trimmer is intended for trimming of DRY material. Using wet material will cause excessive residue on the blades and cutting chamber.
 - Dry material means the leaves are brittle and the stems snap.
 - Processing of material that is too wet or dry will provide less than optimal results.
 - It is best to hang dry your material, as laying on screens will cause leaves to cling close to the flower, making it more difficult to trim.
1. Prepare material to be trimmed by removing any excessive stems or twigs. Stems should not have excessive length from the bud. Below are examples of flowers prepped for trimming in the machine.



2. You may at this time remove any “crows feet” or “kickstands” from the base of the bud. Excessively long stems that are not fully dried can become caught between the blades.



Operation of the Trimmer Machine

GreenBroz machines are simple to use, however you must follow all instructions and warnings.

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WARNING: PLEASE ENSURE THAT THE MACHINE IS UNPLUGGED PRIOR TO ANY DISASSEMBLY. FAILURE TO DO SO COULD CAUSE SERIOUS INJURY.

1. The Trimmer is designed to sit on top of the GreenBroz Tumbler or a GreenBroz Trimmer Stand. If not using one of these products, place machine on top of a sturdy trim catchment bin. All trim will fall through the cutting blades into a catchment bin. A sturdy plastic storage bin, large trash can, etc. can be used to catch trim.
2. Prior to use, ensure that machine placement is sound to prevent the machine from falling during operation.
3. Release the tension of the brush and position it in a horizontal position and tighten with the knob on the left side of the machine. This will allow the material to freely move beneath it while starting off with a full load.
4. Open Cutting Chamber lid and place material to be processed into the cutting chamber. Fill with material just below the Brush in the horizontal position.

Note: Overfilling may cause bunching up of material behind the brush. However, you want to process with a maximum fill as it provides gentle downward pressure.



5. Close Lid. The Trimmer will not operate when the Lid is open.
6. Plug in machine to electric outlet, turn Master Power to ON, direction switch to FORWARD, and turn the timer to the 10-minute mark.
7. An Operator is still necessary to monitor the progress of the machine while material is being processed. You may view the amount of trimmed material being removed by inspecting the trim bin below the trimmer.



8. After the timer stops, open lid to check on progress of trimming. As you watch the material being trimmed, you may want to open up specific flowers to ensure full trimming is possible.
9. As material is processed, you will see a decrease in volume in the Cutting Chamber, and material will be visibly more trim. Lower the brush so that it is just low enough to assist with the gentle rolling of flowers. If it is too low, flowers will bunch up behind the brush. You will learn to find just the right adjustment by trial and error.



10. Occasionally stop the machine and sweep the flowers towards the outer rim of the Upper Blade, checking for any stems caught between the blades. If stems are caught between the blades, you can either:

- a. Switch the direction switch from FORWARD to REVERSE for 2/3 rotation, or a few quick Forward/Reverse/Forward movements of the switch.
REFRAIN FROM RUNNING THE MACHINE IN REVERSE AND ALLOWING THE SWEEPER BAR TO PASS UNDER THE BRUSH AS FORCE WILL BE APPLIED TO MATERIAL.
- b. Gently push the material out of the blade by hand and continue trimming by moving the stranded material along the contour of the cutting pattern and removing.

11. As the volume continues to decrease, you should lower the brush closer to the level of the material to assist the material in rolling. This will ensure material is trimmed on all sides.

It is up to the operator to determine when trimming is complete. Every strain is different, as is every market for finished product.

12. When processing is complete, place a container or bag below the front access door / chute and open the door while the machine is still running. Trimmed material will fall out of the machine and into your container.

13. Repeat until your harvest is complete.

14. Smile knowing you have quietly completed trimming in a fraction of the time to hand trim, with consistent quality. Quick, Quiet, Gentle....

Greenbroz Inc. is not responsible for any injuries that may occur if the above-mentioned instructions and warnings are not followed.

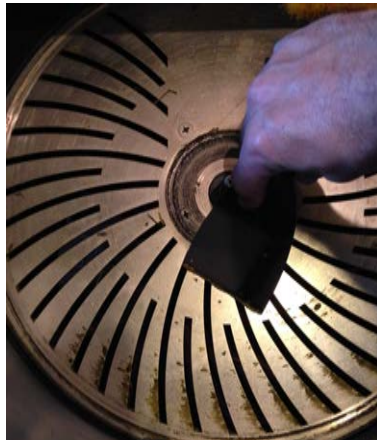
Cleaning Your Machine

After a period of time, usually a minimum of 8 hours, or if excessive buildup is forming within the cutting chamber, the unit will need to be serviced. This step should only take 5-10 minutes to fully clean your machine for further use. We recommend inspecting every 4 hours of continuous use.

1. Remove Sweeper Bar Adjustment Screw and Sweeper Bar, then lift the Hub off of blade and set outside of machine.
2. Lift Top Blade off of the motor Drive Shaft by using a tool inserted into the Hub alignment holes on the blade. Slide Blade out of Cutting Chamber and set aside. **AVOID LIFTING THE BLADE FROM THE CUTTING AREAS AS YOU COULD DAMAGE THE CUTTING SURFACE OR CUT YOURSELF.**
3. Lubricate the blades by spraying a light coating of food-based oil on the dirty cutting surfaces. Let sit for a minute.

NOTE: Do not use a synthetic lubricant that you would not consider eating or having very small amounts come in contact with your material. Greenbroz suggests organic Hemp, Sunflower or Canola oil.

4. Using a flat razor scraper or a metal putty knife, clean the Lower Cutting Blade following the curve of the cutting blades from the middle of the blade, toward the outer edge of the blade.

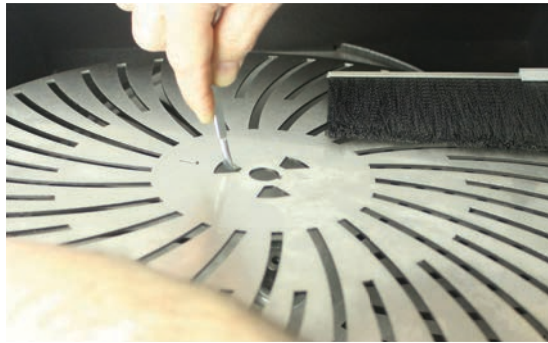


5. Place the Upper Cutting Blade on a flat surface and follow the same process with both sides of the Blade.
6. Wipe blade down with Alcohol.

7. Wipe down the internal cutting chamber with Alcohol.
8. Lubricate the Lower Cutting blade in the center and outer edges only.



18. Choose the blade that you will be using and look at it. Ensure the direction of the cutting pattern is OPPOSITE as the pattern on the Lower Cutting Blade. IF YOU INSTALL THE BLADES WITH THE CUTTING PATTERN IN THE SAME DIRECTION, THE MACHINE WILL NOT TRIM.
19. Gently slide the blade into the cutting chamber, under the brush and onto the drive shaft of the motor by aligning the keyhole on the blade with the Key on the drive shaft.



20. If the Key was removed, reinstall with the rounded end down. The key when properly installed will be flush on the top of the Drive Shaft.

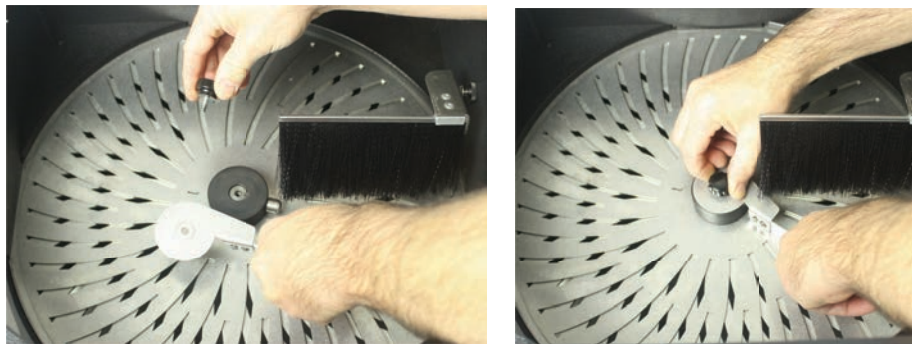


21. Rub a light coating of oil on all surfaces of the Hub. Reinstall the Hub onto the Drive shaft and fit the Upper Blade and the Hub together. The cleats of the hub will slide into the Upper Blade.

NOTE: The hub may sweat salts during cold or high humidity and the oil will assist with this.



22. Reinstall the Sweeper Bar on top of the Hub with the Blade Tension Adjustment Screw. Ensure the Nub on the Hub is mounted behind the Sweeper Bar. It should “push” the Sweeper Bar from behind in a clockwise direction. Note that if installed incorrectly, the Sweeper Bar either may not fit properly or will have a large gap between the Upper Blade and the bottom of the Sweeper Bar.



23. THE ADJUSTMENT SCREW ONLY NEEDS TO BE SNUG, NOT TIGHT. IF DURING OPERATION A METAL SCRAPING SOUND IS HEARD, LOOSEN SLIGHTLY.

Your machine is now prepped and ready to use again!
This process will become much easier after a few times.

Please contact us if you have any questions:
1-844-DRY-TRIM
info@greenbroz.com

Warranty Registration

GO TO WWW.GREENBROZ.COM TO REGISTER.

- Click on Account link and create an account to register your products. You must register within 30 days from date of purchase to activate your warranty.
- ALL INFORMATION GATHERED BY GREENBROZ, INC. WILL BE KEPT PRIVATE AND SECURE. GREENBROZ, INC. WILL NOT SHARE OR DISTRIBUTE YOUR INFORMATION WITHOUT YOUR CONSENT.

Limited Warranty

Products Covered: This limited warranty is limited to GreenBroz, Inc. Trimmer product manufactured by GreenBroz, Inc. (the "Products") and provides that such Product is free from defects in material and workmanship.

Length of Warranty: The length of this warranty shall be **12 months** from the date of original retail purchase of the Product.

To Qualify for this Warranty: The Product must be purchased in the United State from Greenbroz, Inc. or a dealer authorized by Greenbroz, Inc. to sell the Products. This warranty only applies to the first retail purchaser and is not transferrable to subsequent owners.

What Greenbroz will Repair or Replace under Warranty: Greenbroz, Inc. will repair or replace, at its option, any part that is proved to be defective in material or workmanship under normal use during the applicable warranty period. Warranty repairs and replacements will be made without charge for parts or labor. Anything replaced under warranty becomes the property of Greenbroz, Inc. All parts replaced under warranty will be considered as part of the original product, and any warranty on those parts will expire coincident with the original product warranty.

To Obtain Warranty Service: Contact Greenbroz, Inc. for a return authorization and instructions for warranty repair or replacement.

Exclusions: 1. Any damage or deterioration resulting from neglect of periodic maintenance as specified in any Product owner's manual or any improper repair or maintenance; 2. Neglect, unauthorized alteration, modifications, misuse, incorporation or use of unsuitable attachments or parts; 3. Damage caused by dirt, pressure or steam cleaning the Product, salt water, corrosion, rust, varnish, abrasives, and moisture; or 4. Any product that has ever been declared a total loss or sold for salvage by a financial institution or insurer; or 5. Damage caused by an independent third party that is not the registered owner.

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