

# GREENBROZ

## MODEL M DRY TRIMMER FAQs

Thank you for your interest in the GreenBroz Model M Dry Trimmer. Here are some of the most frequently asked questions surrounding this amazing machine.

### Model M Dry Trimmer FAQ Worksheet

Q. Is this machine good for premium flower?

- A. The Model M is designed to manicure premium flower. Our machine is gentle enough to use on premium flower, preserving kief/trichomes for a higher quality product.
  - a. GreenBroz is a proud member of the [‘Save The Terps’](#) initiative, whose goal is to provide end-users with the highest quality product possible.

Q. Will it damage my flower?

- A. The Model M follows the GreenBroz ethos of ‘gentle, quick, and quiet,’ with gentle being the foremost consideration more than anything else.
  - a. The variable blade speed setting allows operators to be as gentle as their needs require.
  - b. The operator can start and stop the machine at any point, and they can keep a constant eye on the flower if they choose to.
  - c. The Model M will leave the natural contours of each bud intact, making it a perfect choice for premium flower.

Q. Will this work on my more delicate strains?

- A. Yes. In addition to the patented blade design, the adjustable speed setting allows you to be as gentle as you require on your product.
  - a. Do not take our word for it, contact our team and we can share testimonials and clients who actively use the Model M and can vouch for this claim.

Q. Is this going to make my product look hand trimmed?

- A. Time after time our clients have told us that both their staff and their customers are unable to differentiate between flower out of the Model M and hand-trimmed flower.
  - a. Other clients have reported a small visual difference, but more importantly, they report minimal differences in their product smell and potency testing (terpenes, cannabinoid levels, etc.)

Q. What volume can it process?

- A. 12 – 16 lbs. per hour.
  - a. Throughput depends on strain, product prep, moisture levels, desired trim results, etc.
  - b. Our consultants are available/willing to work with your team on best practices to make sure you are achieving your desired results.

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Q. What is the trim to flower ratio at finish?

- A. This will vary based on the amount of leaf on your flower and how much your operation needs to remove. The more leaf on your product, the more trim material you will typically see.
- B. However, the Model M does not over trim as you are always in control of the process.
- C. Over trimming is a term most often associated with tumble trimmers that are 'in one'. The trim gently falls through the blades and into a collection bin directly under the machine. There are no attachments or loud vacuums, just gravity?

Q. Is the trim material useable for further processing?

- A. Yes, and this is a great selling point to this machine. GreenBroz dry trimmers DO NOT require oil or lubricants, as a Teflon ring deals with any blade friction. This combines with the gentle, gravity-assisted drop into the collection bin, to give you uniformly sized trim (thanks to the blades) that is perfect for extracts, sifting, or any other further processing needs.

Q. Is the potency of the trim preserved?

- A. Quality going in is quality going out.
- B. We are consistently told by lab managers: (contact us for references)
  - a. The trim out of our Model M Dry Trimmer is the most valuable trim for processing concentrates (compared to other powered trimmers).
  - b. We have been told it sells for considerably more for processing (compared to other powered trimmers).
  - c. The trim from our units produces potent concentrates with excellent clarity.
    - i. This is dependent on the quality of your material going into the machine. Again, quality going in is quality going out.

Q. Is it CE or UL rated or GMP (Good Manufacturing Practices) compatible?

- A. CE – Pending.
- B. UL – Full certification is pending. The electronic control module and motors are UL certified. The entire machine is not.
- C. GMP – While there is no regulatory document or general GMP certification for equipment, the Model M satisfies the general specifications that apply to all GMP equipment design in the GMP regulations. (listed below)
  - a. Even though these requirements are quite diverse, there are some general specifications that apply to every GMP compliant equipment design in the GMP regulations.
    - i. The system may not influence the product quality in a negative way.
    - ii. The system must be easy to clean.
    - iii. The system must comply with applicable technical rules.
    - iv. The system must be suitable for its purpose.

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Q. What is the average run time?

- A. Given the proper preparation of your flower, the average run time is about 10-minutes.
  - a. This can be strain dependent. Tighter, denser flower tends to finish quicker. More airy strains tend to take longer.
  - b. The run range should sit in the 5–15-minute window. If your flower is taking longer than 15 minutes, the outer leaves are too moist and are not ready to trim. Further preparation would be required at this time to obtain a proper moisture level.

Q. What is the maintenance on this machine?

- A. Cleaning as directed.
- B. Replacing the Teflon ring as needed.

Q. Can I size my flowers with this machine?

- A. Yes, limited sorting is possible with the Model M alone. However, for most-accurate sorting, you should consider our Precision Sorter. High-volume clients should consider our Rise-N-Sort system.
  - a. How do you sort with the Model M?
    - i. The exit hopper door can be lifted while the machine is trimming to allow the smaller flower to exit the machine.
    - ii. When trimming a variety of sizes, you will notice that the smaller flowers tend to 'finish' first, and this method lets you remove them while the medium to large pieces continue trimming.
    - iii. This process works for separating the medium from the large flowers too.
  - b. Advantages of sorting pre- or post-trim with our Precision Sorter or Rise-N-Sort System.
    - i. Size sorting prior to trimming means your flower batch will trim more uniformly since they are all the same size.
    - ii. And/or you can size your flower post-trim, so you can accurately direct the varied sizes to their next processing phase.

Q. What is the ideal moisture range? Is it strain dependent?

- A. Moisture level in flower is very much a personal preference. We recommend you keep a nice spongy moisture inside your flower to preserve the freshness, weight, and terpene profile. Only the outer leaf that you want to remove should be crispy dry. This is true across all structure types.

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Q. What is the cleaning process with this machine?

- A. The general cleaning process is as follows:
  - a. Blow or brush the machine trim chamber.
  - b. Unscrew the hub screw and remove the upper blade, lower blade, and barrel.
  - c. **On a flat surface**, spray blades with alcohol and scrape off any material on blades with a metal scraper. Then wipe down with alcohol and a clean with a microfiber cloth.
    - a. Failure to use a flat surface may warp the blade. The Model M works most efficiently when both the top and bottom blades are perfectly flat.
  - d. Wipe down the barrel and cutting chamber with alcohol and a clean microfiber cloth.
  - e. To clean underneath: lift trimmer off the stand and set it on a table. **Carefully** tip it on its side and blow/brush out the underneath and then wipe down with alcohol.
  - f. Clean the stand in the same way.

Q. Does the Model M require lubrication between the blades?

- A. GreenBroz employs the use of a Teflon ring between the two blades, vastly decreasing friction. Most of our clients use our machine with extremely minimal to no lubrication.
  - a. Those who choose to use a miniscule amount of lubrication apply it between the blades and report virtually no transfer to product run through the machine.

Q. Can I achieve a 100% finished product with the Model M?

- A. Yes. Many of our clients have their process dialed in to the point where they are trimming 100% with this machine, and then moving it straight to packaging.
  - a. It is worth noting that we also have clients who take their flower 90-99% finish and then have a small QC team perform a final audit prior to packaging.

Q. What if I do not want to trim 100% in the Model M?

- A. The beauty of the Model M is that you are completely in control of the process and how much your flower trims in the machine.
- B. We have clients who trim 50%, 60%, 75%, etc., in the machine and then kick out their flower to have a small labor force perform a final hand finish.
- C. The Model M is a flexible tool that will fit the needs of about any cultivator. You are in complete control of how it helps you achieve your desired end-product.

Q. What is the best way to prepare my flower for the Model M?

- A. Hang dry until the outer leaves are crispy, and the stems are snapping. When you run your finger down the flower, against the grain, the leaves should break off. If they are bending, you would need to dry a bit longer.
  - a. The crisp outer leaf is critical to the gentle operation of the Model M. The better your product is prepper for the machine, the better your resulting trim.
- B. Cut the flowers close to the stem and load directly into the machine.
- C. If possible, sort the flowers so that comparable sizes are trimming at the same time.

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Q. Does the Model M knock off trichomes?

- A. Independent comparison scope and lab tests done by our customers show that there is negligible trichome loss (+/- 1%) when comparing hand trimmed and Model M trimmed flowers.
- B. Unlike other automation which utilizes vacuums, blowers and vertical drops that bang flower into sharp blades and shaves down the bud into round and pinecone shapes, the Model M is super gentle as they feature **blades that are dull**. These blades work like a scissor to pull and shear **only the leaves**, not the bud itself or the trichomes.
- C. The Model M blades discriminate between the leaf and the bud, and the very gentle rolling of flowers over dull blades leaves trichomes intact.

Q. Is there are kief catcher?

- A. No, our goal is to keep the trichomes on the flower. The kief/trichomes remain on the bud and the trim/shake where they belong.

Q. What is this machine made of?

- A. Surgical grade stainless steel anywhere the plant touches the machine, stainless steel, and HDPE (high density polyethylene). The HDPE is not a contact point.

Q. Do the blades need to be sharpened?

- A. No, our blades do not get sharpened and rarely need to be replaced.
- B. We do recommend having spares on hand for easy switch out in between strains to increase efficiency.

Q. Can I speed up my trimming process by swapping parts in/out for cleaning?

- A. Yes, and this is a practice we routinely recommend.
  - a. Purchasing an extra set of interchangeable parts, like blades, barrels, fins, etc., allow you to quickly swap out parts between strains, or when blade cleaning is needed, so your team can be cleaning the parts used for one strain while quickly swapping in the clean parts for the next strain.

Q. What are the consumables and where can we order them when we need them?

- A. Consumables for the Model M Dry Trimmer include:
  - a. Top blade
  - b. Bottom blade
  - c. Teflon rings
  - d. Fins
- B. Consumables can be purchased direct or through our online shop.

Q. What are the power requirements?

- A. 110VAC, 60Hz 3A 330W (United States)
- B. 220VAC, 50Hz 1.5A 330W (International)

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Q. What are the machine dimensions and weight.

- A. 51”H x 37.25” W x 41.25” L
- B. Weight is 190 pounds including the stainless-steel stand.

Q. How quiet is the machine? Noisy machinery is incredibly stressful on employees and interrupts communication.

- A. So quiet that you can whisper and listen to music or the boss.
- B. The average decibel reading for our Model M Dry Trimmer is 52.6 decibels.
- C. Most decibel comparison charts list 60 decibels as the volume of average conversation between 2 people, 3 feet apart.
  - a. That is less than a vacuum cleaner (70 decibels), hairdryer (70 decibels), etc.

Q. What is the warranty?

- A. 1-year manufacturer's warranty. Extended warranties are available.

Q. Do you have a virtual demo?

- A. Our latest virtual demo release date is April 15<sup>th</sup>, 2021. We also have a large amount of demo footage on our YouTube and social pages. For specific videos and links, please contact us directly and we can provide whatever you are looking for.

We hope this introductory FAQ sheet helps answer some of your questions. Should you have more questions that are not answered by this document, please either call 844.379.8746 or email [info@GreenBroz.com](mailto:info@GreenBroz.com) and we will get to your questions as soon as possible. available for reference through GreenBroz.