



TWISTER T4 TRIMMER CLEANING

Recommended Cleaning Solutions:

- Simple Green Industrial cleaner
- Rubbing Alcohol 99%

Recommended Cleaning Intervals:

- Twister T4 Trimmer - Every 4 hours of use
- Twister T4 Leaf Collector- Every 8 hours of use

Recommended Cleaning Methods:

- Twister T4 Trimmer - Remove control box, then pressure wash or hand clean machine only
- Twister T4 Leaf Collector - Hand Clean

Recommended Greasing Interval:

- All bearings need to be greased every 1000 hours of use.

Cleaning Instructions:

Twister T4 Trimmer

1. The quickest way to clean the machine is to pressure wash. If cleaning by hand, use Isopropyl.
2. Remove control box and hand clean. **DO NOT get control box wet.** It is not water tight. If using isopropyl, avoid getting it on the rubber drive wheel. This will dry it out causing the rubber to flake.
3. Remove tumbler, hopper, shroud & belt cover and hand clean. You can clean the tumbler by soaking in hot water and Simple Green, then rinse.
4. Remove black levers located next to the adjustment knobs on the cross bar and flip bedknife up 90 degrees. This allows for easy cleaning on the back side of the bedknife
5. Spray the entire machine with Simple Green and let sit for 5-10 minutes, rinse thoroughly.
6. Use compressed air to dry machine. Allow machine to completely dry before storing.

Twister T4 Leaf Collector

DO NOT pressure wash vacuum as the motor is not water tight.

1. Remove inlet cover.
2. Remove impeller (you will need a Pulley Puller 25-0009) and soak in hot water and Simple Green
3. Clean inside the impeller housing using Simple Green
4. Soak Vacuum bag in hot water and Simple Green and rinse.



TRIMMING WITH THE

TWISTER

T4 TRIMMER

DRY Trimming

June 2017



T4 TRIMMING TIPS – DRY

Trimming with the Twister T4 is easy.

It's all about the three P's – **Product, Preparation, and Process.**

Spending some time understanding these three elements and how they affect your trim session will go a long way to achieving success with your new Twister T4.

Product

The condition of your flower is key. This is true with any style of trimming. While impossible to handle every strain or flower type on the planet, the Twister T4 was designed to handle most conditions, and it's extremely capable at handling nearly everything you load into it. That said, you'll want to pay close attention to a few variables.

When trimming dry, you'll want to trim your flower at a moisture level between 8-11%, where the outside material of your flower is dry but the inside is spongy moist. How to test? Lightly squeeze the bud between your thumb and finger. If it crumbles, the product is too dry. If it stays squeezed it's too moist. If it bounces back, it's just right!

Preparation

When trimming dry, you'll want to remove any fan leaves and larger leafy material before you hang dry your product. Dry at 78-80 degrees F with a humidity level of approx. 62%. After you've reached your desired moisture level, buck the product off the plant and cut the stems as close to the flower as possible. Why? Stems can cause the flower to "pole vault" within the tumbler, reducing the chances the leaf will gain access to the blades. Removal of excess material will help produce a better final product and speeds up your trim time.



Process

With all the variations in flower out there, i.e.: cultivar (strain), conditions, moisture levels, flower density, etc. it's impossible to provide one process that works with all flower conditions. The good news is the T4 is built to customize your trimming experience to match most flower conditions.

Getting Started

When it comes to the correct process, the key to success will come from spending the first 10-15 minutes testing your flower conditions against your setup. There are three things to consider when customizing your trimming process:

- 1) The incline of your machine
- 2) Your load speed
- 3) The amount of time in the tumbler

When getting started for the first time, the recommended trimming setup and process is: Machine incline at approx. 1 inch; a load speed of approximately one handful every 20-30 seconds; and a time in tumbler between 30 – 45 secs.

Using the above process as a guideline will help you customize your T4 to fit the conditions of your flower.

Customizing Your Process

To start, load approximately two ounces of product into your T4. Do not load anything further. You'll notice that the first batch of product will make its way through the tumbler to the inner third of the tumbler towards the middle. This is normal as most of the trimming will occur in this area of the T4 tumbler. Leave the first two ounces or so of product in the T4 for approximately 30-45 secs before you load more product. This will allow the first batch of product to spend enough time in the tumbler to trim correctly.



Then Customize – After the 30-45 seconds, begin to load more product into the T4 one handful at a time and approximately every 20-30 seconds thereafter*. As you load more product you'll notice the tumbler will fill and new product will make its way across the tumbler forcing existing product further down the tumbler. When this happens, product will **naturally start to exit the T4**. Now is your first chance to QC the output.

*You may require more or less time between handfuls depending on your conditions.

Quality Control

Check Final Appearance. If the flower needs more trimming, it is most likely due to the product exiting the T4 too quickly. The flower needs enough time in the tumbler to trim properly. To improve the quality, either lower the incline of your T4 and maintain the same load speed OR reduce your load speed. Either way you're trimming too fast. Slow down!

Watch for Overloading. You should never have more than two ounces or so of flower in the tumbler. Doing so will overload the tumbler resulting in a rapid decline in quality. The ideal amount is approx. half full across the width of the tumbler.

Watch for Product Location. Look for the inner third of the tumbler to be doing most of the trimming. The first third of the tumbler will clear quickly which is necessary for new product to enter the tumbler. The final third will be product nearing exit of the tumbler. As you feed, the product will move along the tumbler. Let gravity do its thing!

Check Time in Tumbler. Once your settings are correct, you'll notice a rhythm to loading your T4 and how your product exits. Loading a handful or so of product at a time every 20-30 secs should eject approx. a handful or so of product shortly after. This is the correct process and equals a time in tumbler of approx. 30-45 seconds. Adjust accordingly.

Loading the Last Batch. When you are done loading product you will need to leave the last two ounces or so of product in the T4 for an additional 30-45 secs before turning off your T4 and vacuum. This will allow the last batch of product to spend enough time in the tumbler to trim correctly.



Tumbler Types and Sizes

Another important tool in your “quest for the perfectly trimmed flower” may be the type of tumbler and slot size you use vs. your unique flower conditions.

Your T4 ships with a 3/16” stainless steel tumbler designed to work with most dry flower types and conditions and works well in helping preserve the flower, resulting in a better appearance and higher overall flower yield. However, under some conditions, user testing has shown the larger 1/4” slot size (shipped with wet machines) to work better on some larger flower types and conditions (specifically at moisture levels between 11-13%), resulting in a slightly better appearance with a lower overall flower yield.

Depending on what your overall goals are, you may or may not see improvements with the larger 1/4” tumbler size, should you choose to try it out. Like mentioned earlier, there are many variations in flower out there, i.e.: cultivar, conditions, moisture levels, flower density, etc. and it’s impossible to provide one process that works with all flower conditions. That said, the good news is you can potentially improve your trimming process, simply by swapping out the tumbler – no setup or tools required. The choice is yours!

And that’s it.

Results will always vary but keep working on the three P’s of trimming. You’ll be an expert T4 trimmer in no time!

Getting More Help

We pride ourselves in World-Class Support. Reach out anytime...

Phone – Call 1-888-254-3204 / 7am-7pm PST / 7 days a week

Live Chat – Online / 830am-7pm PST / Monday-Friday

Email – support@keirton.com



Website – <http://www.twistertrimmer.com/technical-support>

Instagram – <http://www.instagram.com/twistertrimmer>

Facebook – <http://www.facebook.com/twistertrimmers>

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WET Trimming

June 2017



T4 TRIMMING TIPS – WET

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Spending some time understanding these three elements and how they affect your trim session will go a long way to achieving success with your new Twister T4.

Product

The condition of your flower is key. This is true with any style of trimming. While impossible to handle every cultivar (strain) or flower type on the planet, the Twister T4 was designed to handle most conditions, and it's extremely capable at handling nearly everything you load into it. That said, you'll want to pay close attention to a few variables.

When trimming wet, you'll want to trim your flower soon after it is bucked off your plants. Water your plants 4-6 hours before your trim session and try to keep them cold prior to trimming. Why? Firm, spry leaves are easier to trim with an automated trimmer. Wilted leaves can often wrap around the flower, contributing to a decline in overall performance.

Preparation

When trimming wet, you'll want to remove any fan leaves and larger leafy material before loading into your T4. This includes cutting stems close to the flower. While it is possible to trim everything on the plant with the T4 results may vary. Why? Larger material tends to wrap around the flower reducing the chances the leaf will gain access to the blades. Removal of excess material will help produce a better final product and speeds up your trim time.



Process

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Tumbler Types and Sizes

Another important tool in your “quest for the perfectly trimmed flower” may be the type of tumbler and slot size you use vs. your unique flower conditions.

Your T4 ships with a 1/4” stainless steel tumbler designed to work with most wet flower types and conditions and works well in helping preserve the flower, resulting in a better appearance and higher overall flower yield. However, under some conditions, user testing has shown the smaller 3/16” slot size (shipped with dry machines) to work better on some smaller flower types and conditions, resulting in a slightly better appearance with an even higher overall flower yield.

Depending on what your overall goals are, you may or may not see improvements with the smaller 3/16” tumbler size vs. the standard 1/4”, should you choose to try it out. Like mentioned earlier, there are many variations in flower out there, i.e.: cultivar, conditions, moisture levels, flower density, etc. and it’s impossible to provide one process that works with all flower conditions. That said, the good news is you can potentially improve your trimming process, simply by swapping out the tumbler – no setup or tools required. The choice is yours!

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