



GREENBROZ

GREENBROZ ALCHEMIST 215 & 420 TRICHOME EXTRACTORS FAQs

Thank you for your interest in the GreenBroz Alchemist 420 and 215. Here are some of the most frequently asked questions surrounding these machines.

Q: Why do I need Alchemist extractors for my operation?

Trichomes are the most desirable and most delicate portion of the cannabis plant. They are largely responsible for the smell, flavor, and effects of cannabis.

You can use machines in the Alchemist line to pull valuable trichomes from your trim that can be used to make products like rosin, hash, or shatter. Alchemist machines are purpose-built for efficient, quiet, and gentle extraction. Both machines utilize solventless extraction technology that reduces processing time and the chance for human error.

With these machines, cultivators of all sizes can produce a high-quality, full-melt puffy hash that is perfect for rosin in just under 30 minutes of processing.

Alchemists can help you create many top-shelf product SKUs for your brand and generate extra profits.



Q: What kind of volume can the Alchemist process and how much dry sift hash can it yield?

GreenBroz 215 Alchemist can fit up to 2.5 lbs, and the Alchemist 420 can fit up to 10 pounds. Both machines extract most trichomes from your trim (typically 15 - 25% by weight) in just one run.

Due to their gentle rolling action, Alchemist machines precisely extract the resin glands from your trim while protecting the plant matter - meaning you can rerun the machine to maximize your yield.

They work as stand-alone units or with the optional addition of pulverized dry ice, sifting through 180-micron screens (with other screen sizes available) for the highest quality products possible.

Q: What is solventless extraction and why is it better for my business?

Solventless extraction refers to any extraction that does not require the use of a solvent like butane, ethanol, or propane. Solventless extraction involves separating the trichomes from the plant by hand or machine.

Benefits of using this method:

- Without any chemicals involved, the end products are in their most natural state.
- Because the process does not involve volatile materials, the process is considered much safer.
- Solventless extractions have less complicated waste disposal requirements.
- Solventless products are often perceived as being healthier.
- The chemical structure of the plant remains unaltered.
- Solventless products contain fewer impurities because of the stringent demands of high-quality starting material and because no chemicals have been introduced.
- Solventless machines do not require any purging in the post-extraction phase.
- Better for the environment
- More cost-effective for small businesses.

Because the solventless process keeps the entire trichome intact, it is perfect for producing full-spectrum, potent kief—with the cannabinoids, terpenes, and flavonoids preserved. That means the Alchemist machines are perfect for concentrates, extract, rosin, shatter, wax, or butter.

Q: What kind of products can I make using dry sift hash?

Dry sifting is the quickest and easiest way to create a high-quality, pure hash. This is an increasingly popular concentrate that is highly regarded for its versatility and cost-effective potency by consumers. Hash is produced for many different uses, including vaporizing and smoking or as a way to infuse cooking ingredients or foods such as cannabutter and other edible products.

Popular SKUs that can be created from dry sift hash:

- Hash
- Rosin
- Smokable Kief
- Wax
- Edibles
- Butter
- Frosty Joints
- Potent Joints
- Shatter
- Moon Rocks
- And many more...

Q: What micron screen is best for my product?

Using different sized micron screens is how trichome heads are captured and separated from the rest of the plant. Both 215 and 420 models sieve the trim through four 180-micron screens. If you'd like a smaller screen to capture resin glands with their stocks, there are 80 or 135-micron screens available.

Q: What are the benefits of using the dry ice method?

With the Alchemist, you can choose whether or not to sift trim with a few scoops of pulverized dry ice. Some believe that processing at much colder temperatures keeps the trim nice and rigid, reduces stickiness, and limits the number of impurities that pass through the sieves.

The dry ice also makes the trichome stalks brittle, so it's easier for them to break off the plant, thus resulting in a faster sifting session and a higher yield.

Q: Can the Alchemist handle my delicate product without damaging it?

The Alchemist operates solvent-free and is constructed from food-grade materials, including the 316 surgical stainless steel and Polyurethane so the quality and purity of your product is maintained throughout the process.

Q: Is the machine easy to operate?

Yes. Both Alchemist machines are very easy to operate. Our goal is to streamline your operation and save your employees precious time and labor.

Operating the machine is as easy as:

- 1) Lock the tumbling box at a 45 angle.
- 2) Remove the trichome screen.
- 3) Fill the tumbler with trim and dry ice (if using the dry ice method).
- 4) Firmly lock the screen and unlock the tumbling box.
- 5) Turn on the Alchemist for around 10-15 minutes.
- 6) Lock the tumbling pin into place.
- 7) Unlock the collection trays.
- 8) Lift the trichome tray away from the machine.
- 9) Use a scraper to gather your kief.
- 10) Repeat for the other three trays.
- 11) Remove your trim or run the Alchemist again!

Q: Which Alchemist model is more suitable for my operation?

Smaller operations can opt for the Alchemist 215 which has a capacity of 1.5 cubic feet or 2.5 lbs. But our commercial machine, the 420, has a capacity of 2.5 cubic feet and can handle as much as 10 pounds of trim at a time. With the Alchemist 420, larger operations can process 100 pounds of trim in an astounding 5 hours.

Q: Are these machines easy to clean?

Absolutely. Both machines are also easy to load, easy to operate, and are even easier to clean. Our trichome panels can be removed, washed, then locked into place without much work. The 215 screens and pans can be washed in your average sized dishwasher.

Refer to the Alchemist Owner's Manual for complete cleaning instructions.

Q: What is the footprint of the machine? What are the machine dimensions and weight?

Alchemist 215

- Dimensions: 23.75"W x 24"L x 26.5"H
- Weight: 56 Pounds

Alchemist 420

- Dimensions (table up): 41"W x 35.5"L x 65.25"H
- Dimensions (table down): 34.5"W x 35.5"L x 65.25"
- Weight: 189 Pounds

Q: Does the Alchemist come fully assembled?

Yes. Alchemist Trichome Extractors come fully assembled.

All you need to do is remove the machine from the shipping container, ensure the machine is on a level surface, the wheels are in locked position, and the master power switch is in the off position.

Refer to the Alchemist Owner's Manual for complete unpacking instructions.

Q: What if we have service needs, parts questions, etc.?

For any service needs or questions, please contact our service department by phone or email.

- Service@GreenBroz.com
- Main Line - 619.455.8052 (ask for service department)

Q: What is the warranty?

The machine is covered by a 3-year manufacturer's warranty.

Q: What are the power requirements?

Alchemist 215

- Power: 110VAC, 60Hz .2A 22W (US)
- Power: 220VAC, 50Hz .1A 22W (International)

Alchemist 420

- Power: 110VAC, 60Hz .5A 55W (US)
- Power: 220VAC, 50Hz .25A 55W (International)

Q: Can I use the Alchemist in conjunction with other GreenBroz equipment?

Yes. The Alchemist Trichome Extractor is the perfect complement to our Dry Trimmers, which produce an intact, uniform trim that is ideal for extraction.

For optimal quality dry sifting the trim or bud used should be dry, but not so dry that it crumbles and passes through the sieve. Our GreenBroz dry trimmers are designed to create trim that's in the perfect condition to be dry sifted, so you can get the highest possible trichome.

For further solventless processing, check out the best rosin press machines - Pikes Peak and Longs Peak rosin - powered by PurePressure.

For more information about GreenBroz the solutions best suited for your operation, contact your local Sales Manager.

We hope this introductory FAQ sheet helps answer some of your questions. If you have more questions that are not answered by this document, please call 844.379.8746 or email info@GreenBroz.com and we will get to your questions as soon as possible.

