



GREENBROZ

GREENBROZ PRECISION SORTER FAQs

Thank you for your interest in the GreenBroz Precision Sorter. Here are some of the most frequently asked questions surrounding this phenomenal machine.

Q. How fast is the Precision Sorter? How much faster is it compared to sorting by hand? What volume can it sort?

With an average speed of 90 lbs. per hour, the Precision Sorter allows you to sort 60x faster than hand-sorting. Less time spent in the processing phase allows for less chance of contamination and helps preserve the potency of your flower.



When paired with the GreenBroz Rise Conveyor, it can increase your throughput to more than 300 lbs. per hour. You'll be able to sort your flower faster, limiting exposure and product loss due to human interaction or environmental factors (humidity, etc.). This will lead directly to increased margins for your operation by reducing the price per gram to produce your product.

Q. Can the Precision Sorter handle my delicate product without damaging it?

The Precision Sorter is engineered for gentle sorting will not degrade even the most delicate flower

- Unlike other sorters available on the market, the GreenBroz Precision Sorter does not use vibration and has no vertical drop onto hard surfaces -- both of which can damage or dislodge delicate trichomes and degrade product quality. The speed control of the conveyor and the bands on the machine allow the operator to have complete control of throughput speed.
- This machine is built with delicate contact in mind. All Precision Sorters are constructed with high-quality both lab grade and food grade materials, including 316 stainless steel and Polyurethane, for compliance with US and international standards.

Q. What is the best use of the Precision Sorter: before or after trimming of my product?

The Precision Sorter can be used for various processes depending on the need. Below are some additional benefits of the sorter.

- Sort before trimming

- Get a more uniform trim. Similarly sized flowers tend to finish at the same time (in our trimmers).
 - Speed up your sorting process.
 - Optimize your harvest by trimming your flowers at their peak size.
 - Better plan your trimming schedules because flowers of different sizes require separate trim times.
- Sort after trimming
 - Get the desired sizes for more consistent packaging. The ability to sort buds before packaging makes the packaging process much more efficient and increases productivity, whether packaging by hand or machine.

The sorter can quickly size-sort your flower for different SKUs. This allows you to diversify your product and ultimately increase revenues. Some examples of different SKUs include shake for concentrates, popcorn for joints and concentrates, and small flower for straight sale.

Q. What is the ROI on the Precision Sorter?

The average facility achieves 100% ROI in less than 3 months.

Q. Is the machine adjustable?

Yes. The machine comes with an adjustable hopper, customizable sorting sizes, and various conveyor and band speed options. These features allow you to fully control your sorting to fit the needs of your operation.

Q. What size buds is the Precision Sorter capable of sorting?

The adjustable dividers provide up to seven user-defined sorting size options, with an additional exit ramp for your largest flower.

Q. Can you use the Precision Sorter with wet and dry flowers? How about with untrimmed flower?

The Precision Sorter is designed for and is most accurate on trimmed flower, both wet and dry. On untrimmed flowers, the leaves can hang on to the belts and may not always go into the proper sorting size bin, although some customers still use it on untrimmed flowers for a more uniform trim.

Q. Is the machine easy to operate?

The Precision Sorter is extremely easy to operate. The intuitive HMI control screen provides access to support materials, helpful information, and additional machine settings.

Q. What is the speed of the Conveyor and Round Belt?

- Conveyor speed – Adjustable (30 RPM Max)
- Round Belt speed – Adjustable (60 RPM Max)

Q. What is the cleaning process for this machine?

In general, the machine can be cleaned easily with an alcohol wipe-down or Resin Clear (or other food-safe oil) used for individual round belts. Note that Isopropyl Alcohol harms the round belt material and can lead to premature failure, so it is not recommended for use when cleaning the sorter bands. Clean individual round belts with Resin Clear (or other food-safe oil) to remove buildup. Followed by a soap and water cleaning to remove residual oil.

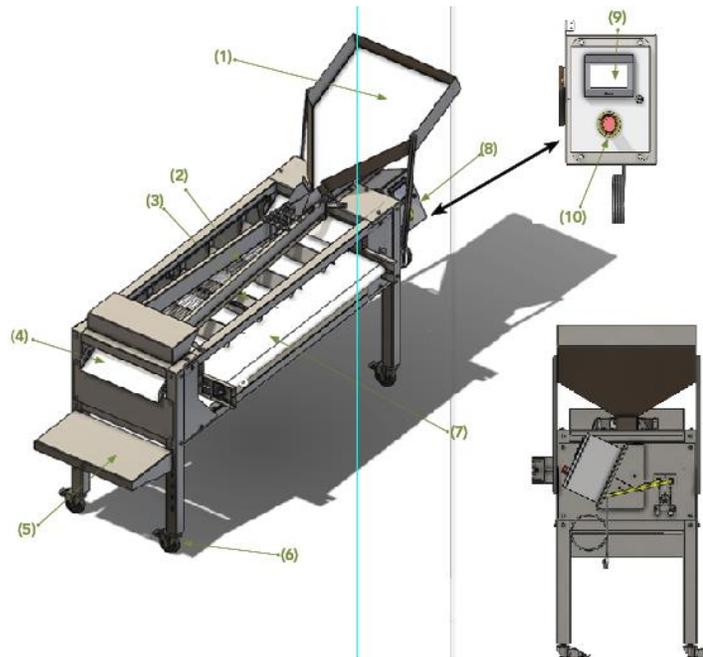
The Precision Sorter has an encased motor and a capped electrical system with a removable power supply, so you can lightly pressure wash with warm water for deeper cleanings. For more in-depth cleaning instructions, consult the machine-specific user manual.

Q. Are there any consumable parts?

Yes, but the consumable items are long-life items (should last 1+ yrs.). Some of these items include the replacement bands. Contact your GreenBroz Sales Manager for more information.

Q. What are the major components of the machine?

- Hopper (1): Feeds your flower into the belt drive area.
- Seven Round Belts/ Bands (2): Moves and separates according to the size of your flower.
- Dividers (3): Separates different size flower onto the conveyor belt.
- Exit Ramp (4): Allows the largest flowers to exit the belt area.
- Adjustable Overflow Shelf (5): Placing a bin here will catch the largest flowers.
- Locking Caster Wheels (6): 4x swivel/ locking caster wheels.
- Conveyor Belt (7): Moves sorted flowers into separate bins. (Adjustable Speed 0-30 RPM)
- HMI Control Panel (8): Controls the machine functionality.
- Touchscreen (9): turns bands and belt on and off and controls speed.
- Emergency Stop (10): Instantly stops the Sorter.



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

The Precision Sorter has the smallest footprint of any powered sorter in the industry. It fits through standard doorways at 31.5" with locking wheels for portability from room to room.

Dimensions: 31.5" W x 109" L x 47"H, Weight: 300 lbs.

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

CE – Pending.

UL – Full certification is pending. The electronic control module and motors are UL certified. However, the entire machine is not.

GMP – While there is no regulatory document or general GMP certification for equipment, the Precision Sorter is made with 316 lab/medical grade stainless steel and satisfies the general specifications that apply to all GMP equipment design in the GMP regulations. (listed below)

Even though these requirements are quite diverse, there are some general specifications that apply to every GMP compliant equipment design in the GMP regulations.

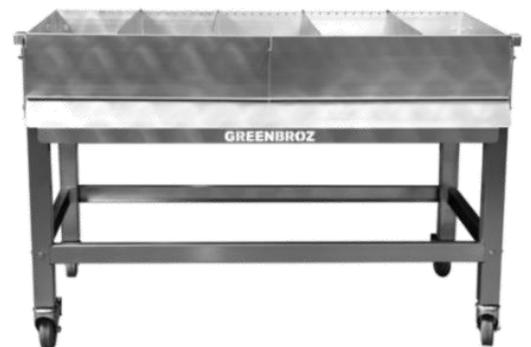
- The system may not influence the product quality in a negative way.
- The system must be easy to clean.
- The system must comply with applicable technical rules.
- The system must be suitable for its purpose.

The GreenBroz' manufacturing facility supersedes the standard set forth for good manufacturing practices and we have achieved multiple certifications that speak to this standard.

Q. How can I collect the product after sorting?

To efficiently collect the sorted buds directly from the conveyor, we recommend pairing the machine with the Sorter Table.

Similar to the Precision Sorter, the Sorter Table has adjustable dividers that can correspond directly to the adjustable dividers on the Precision Sorter, allowing for organized collection of the exact same sized buds.



This allows for great flexibility in collecting the desired sizes as opposed to bins with a fixed size. The Sorting Table has a shallow bin depth to minimize vertical drop, as opposed to bins - further preserving quality.

Q. How does the Sorter Table help speed up my operation?

- a. Adjustable dividers give you the flexibility to align sizing to your Precision Sorter dividers, giving you more options versus stainless steel bins or pans.
- b. Removal of bins/pans eliminates product spillage or stacking on the rim of bins/pans, which leads to reduced clean-up time and less product loss.
- c. Easily switch sizes along with your Precision Sorter to achieve more product skews.
- d. The Sorter Table is on wheels, so you can quickly move the cart to the next stage in your production process if needed. Adding a second cart lets you further streamline your process by allowing you to roll one cart in each time you roll one away.
- e. You can easily lift the output doors to move product into storage bins or the next phase of processing.

Q. Does the Precision Sorter come fully assembled?

Yes. All you need to do is pop on the adjustable Hopper and set the dividers where you want them to be. You are then ready to Sort. Refer to the Precision Sorter Owner's Manual for the hopper and divider installation procedures.

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.

- a. Service@GreenBroz.com
- b. 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 is this machine made of?

The Precision Sorter is made of high-quality both lab grade and food grade materials, including 316 stainless steel and Polyurethane.

Q. What are the power requirements?

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

Q. Can I use the Precision Sorter in conjunction with other GreenBroz equipment?

Yes. We recommend pairing the Precision Sorter with the Rise Conveyor and Sorting Table for increased efficiency and consistency. For more information about the sorting configuration optimal for your operation, contact your local Sales Manager.



Q. Do you have a virtual demo?

Our latest virtual demo release date is June 24th, 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. 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.