

Precision Sorter



GREENBROZ

Revolutionary technology purpose-built for size sorting delicate cannabis flower.

Maintain your product quality while processing it faster than ever before with this industry-leading design.

With an average speed of 90 lbs. per hour, this industry-born machine allows you to sort 60x faster than hand-sorting, streamlining your production while mitigating the risk of product degradation and/or employee injury. When paired with the GreenBroz Rise Conveyor it can increase your throughput to more than 300 lbs. per hour.

With an adjustable hopper, customizable sorting sizes, and various conveyor and band speed options, you can fully control your sorting to fit the needs of your operation.

This purpose-built design is the most gentle, flexible, and quickest sorting solution on the market, not only reducing the time your product spends outside of a controlled environment and minimizing human touchpoints but exponentially increasing the efficiency of your operation. This lowers your labor costs and gives you an incredibly quick ROI (average ROI under 3 months).



STRENGTHS/BENEFITS

1 ENGINEERED FOR GENTLE SORTING OF THE FLOWER

- The speed control of the conveyor and the bands on the machine allow the operator to go as slow as needed.
- Unlike other sorters available on the market, the GreenBroz Precision Sorter does not use vibration and does not drop the product abruptly on to hard surfaces, both of which can damage delicate plant structures, and degrade product quality.
- Built with food-grade materials including surgical stainless steel and polyurethane for compliance but designed with delicate contact in mind.

4 FASTER SORTING TIMES

- Sorting capability of 90 lbs. per hour.
- 60x faster than hand sorting.
- Average ROI under 3-months.
- Less time spent in the processing phase allows for less chance of contamination and helps preserve potency of the flower.

2 IMPROVED PRODUCTION EFFICIENCY

- No vibration.
- Simple to use.
- Sorts 90 lbs. per hour.
- Depending on the need of the operation, the machine can sort pre-trim and post-trim.
- The Precision Sorter can be paired with the Rise Conveyor for increased efficiency, speed, and continuous operation.

3 MADE OF HIGH-QUALITY FOOD-GRADE MATERIALS

- Food-grade stainless steel
- Polyurethane

5 EASY TO CLEAN AND STERILIZE

- The machine can be cleaned easily with an alcohol wipe down or Resin Clear (or other food safe oil) used for individual round belts.
- Th Precision Sorter has an encased motor and a capped electrical system with a removable power supply making it warm water pressure washable.

6 CUSTOMIZABLE

- YOU choose the sizes.
- The adjustable dividers provide up to seven size sorting options, with an additional exit ramp for your largest flower.
- Adjustable sorting band and conveyor belt speed.
- The hopper can be adjusted to the desired angle.

8 PORTABLE

- Smallest footprint of any powered sorter in the industry.
- Fits through standard doorways at 31.5" with locking wheels for portability from room to room.

10 VERSATILE

Can be used for various processes depending on the need.

- Sort before trimming - similarly sized flowers tend to finish at the same time (in our trimmers).
- Sort after trimming – for more consistent packaging. Send the right sizes off to the right location to make the rest of your post-harvest processing is more efficient.

The Precision Sorter can be used with dry or wet flower.

7 INTUITIVE WITH DATA COLLECTION

- The sorter includes speed control of the conveyor and the bands which allows the operator to go as slow as needed.
- Easy to operate with intuitive HMI control screen providing access to support materials, help information and additional machine settings.

9 INCREASED PACKAGING PRODUCTIVITY

The ability to sort buds before packaging makes the packaging process much more efficient and increases productivity whether packaging by hand or machine.

11 MADE IN-HOUSE

All of our machines are assembled by hand at our Las Vegas headquarters.

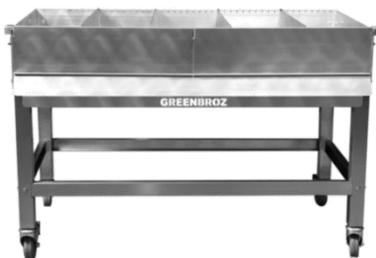


12 FLEXIBLE ARRANGEMENT

The Precision Sorter can be used as a stand-alone or in conjunction with other GreenBroz equipment.

We recommend pairing the Precision Sorter with the Rise Conveyor and Sorting Table for increased efficiency and consistency.

SORTER TABLE



The Sorting Table works hand in hand with the Precision Sorter to efficiently collect the sorted buds directly from the conveyor. 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 collection of the exact same size buds.

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

- Sort 90 lbs. per hour (sorter only)
- Sort 300 lbs. per hour (paired with Rise Conveyor)

- HMI Digital User Interface
- Whisper Quiet / Washdown Ready Motor
- Conveyor Speed: Adjustable (30 RPM Max)
- Band Speed: Adjustable (60 RPM Max.)

RISE-N-SORT™ SYSTEM



Further increase your throughput by sorting 360 lbs. per hour at 180x rate than that of hand-sorting.

SORTER SPECIFICATIONS

- Separate Control of Band/Conveyor Speed
- One-Year Manufacturer's Warranty
- Construction: Food-Grade Stainless Steel & Polyurethane
- Weight: 300 lbs.
- Dimensions: 31.5" W x 109" L x 47"H
- Power: 110VAC, 60Hz 6A 660W (US)
- Power: 220VAC, 50Hz 3A 660W (International)