



FREQUENTLY ASKED QUESTIONS

PRODUCT

- Q. *Why is the Revolution a "Finisher" and not just a "Trimmer"*
- A. The Revolution will dry-trim your product to near-dispensary quality as well as collect your trimmings and sift your kief, all in one fully-enclosed machine.
- Q. *How much dry cured crop can be processed per batch?*
- A. Revolution barrels can hold up to 18 Gallons of unprocessed material, typically resulting in 5-8 pounds of finished product.
- Q. *How long does a full 18 gallon batch of dry cured crop take to finish?*
- A. About 20-30 minutes depending on size, consistency and moisture. That means you can produce as much as 100+ pounds of finished product per 8 hour operator shift.
- Q. *How gentle and safe is the Revolution on my product?*
- A. The operator has total control over drum rotation speed, time and blade contact, allowing them to tune the process to match their type of crop for best performance and gentleness.
- Q. *How is the quality of the cut controlled and kept consistent?*
- A. Revolution has an auto-adjusting trimming cinch which maintains consistent pressure against the drum. It can also be operator-adjusted from extremely gentle to very aggressive trimming and plucking action, depending upon the type of crop being finished.
- Q. *How noisy is the Revolution?*
- A. About as loud as a home clothes dryer.
- Q. *How many people does it take to run a Revolution?*
- A. One person, part time.
- Q. *How safe is Revolution to run in a production operation?*
- A. Revolution processing chambers are fully enclosed and interlocked. There is no human access to the moving parts during operation. Should someone open an access door or open the lid during operation, the drum immediately stops rotating.
- Q. *Does Revolution require lubrication on the cutting surfaces?*
- A. No lube is required for the process.
- Q. *How hard is Revolution to clean, or keep clean?*
- A. Revolution is easily wiped down with alcohol and a soft cloth between cycles. The drum and cinch can be easily removed for soaking or cleaning with denatured alcohol or 100% D-limonene. The built-in Sanitizing Air Technology (SAT) system can sterilize every millimeter of the Revolution surface between batches in no more than 15 minutes.
- Q. *What maintenance does Revolution require?*
- A. Other than just keeping it clean, a monthly light spray of vegetable oil on the shaft bearing blocks helps keep the machine operating smoothly and quietly.



Q. *How big is Revolution?*

A. About 5 feet long by 3 feet high and 2 feet deep (61.0"W x 33.5"H x 24.2"D)

Q. *How heavy is Revolution?*

A. About 195 pounds total, shipped in several cartons.

Q. *How much would shipping cost?*

A. We have a \$500 flat-rate shipping charge anywhere in the Continental USA via truck freight. Any shipping insurance beyond the default offered by the carrier must be paid in full by the customer prior to shipping.

Q. *How much power does Revolution require?*

A. About 65W when also operating the sterilization unit from a standard 120VAC outlet.

Q. *Can the Revolution be operated on 12VDC or off-grid?*

A. Yes, Revolution can even be operated for many hours from a car battery and a tiny 150W inverter.

Q. *What is the drum rotation speed range?*

A. User-adjustable from 0.5-20 RPM

Q. *How clean and uniform will my finished product be?*

A. Depending upon the density, moisture and volume of your cured crops, the finished crop will be at or close to dispensary-ready grade.

Q. *How can I get the most productivity out of a Revolution?*

A. Spare Revolution barrels can be purchased, allowing the operator to be processing with one drum while unloading, inspecting or loading a second drum.

Q. *Why do you offer drums with different slot sizes?*

A. Matching the drum slot width to the average size of the finished product assures the closest trimming without damaging the surface. It also maximizes the degree of finishing.

Q. *Can I get replacement drums, or drums for other applications?*

A. Yes, we offer Revolution barrels with different slot widths to operate on different size crops.

Q. *Can I run different strains at the same time?*

A. Yes. You can use the optional Revolution divider to separate the batches anywhere along the Revolution barrel to keep the strains separated.

Q. *What is the optimal crop moisture level for proper operation?*

A. 60%-65% total humidity. Boveda 62 recommended. This is where the stem can just be snapped cleanly and not simply bends.



Q. How sturdy and durable is the Revolution design and construction?

A. Revolution is built on a “uni-body” construction technique much like spacecraft. It is built entirely with 304 stainless steel and high performance food-grade clear polymers. The Revolution barrel and Revolution blade are removable for cleaning, soaking or swapping.

Q. How reliable is Revolution?

A. With only 3 moving parts (barrel, driven shaft, idler shaft) and bearing-free shaft bushings, there is very little to go wrong. The design has thousands of hours of field testing.

Q. What is the current lead time for a Revolution?

A. 3-4 weeks after placing your order with deposit.

Q. When will you be able to deliver from stock?

A. We plan to be able to ship immediately from stock by the middle of 2017.

Q. Who is Wiedemann Engineering, and how long have you been around?

A. Wiedemann Engineering is a 25 year old product engineering, manufacturing and distribution company based in Reno, Nevada, USA.

Q. What makes Wiedemann Engineering stand apart from other equipment companies?

A. Our products are produced using “best practices” standards in engineering design and manufacturing. All components are designed to meet industry standards including UL, CE, CSA and RoHS.

Q. How does product support work?

A. Feel free to call or email me directly. We will do everything reasonable within our power to make sure your Revolution continues to deliver good reliable service to you for many years.