



BLACKBIRD ROLLING CENTER

BY ROLLPROS – INTRODUCTORY FAQS

How much material can you load at once? How many joints does that make?

- **Estimates (all estimates assume 750 prerolls per hour at 0.5g/preroll.)**

- o Machine holds max 2 pounds of flower at a time.
- 2 pounds takes 2.5 hours to process.
- o Machine holds max 1,000 crutches, which should last 1.25 hours.
- o 25,000 – 30,000 prerolls per bobbin depending on bobbin size

How many joints per hour?

Max is 750 per hour. (error margin is +/- 0.05g)
Faster speed is possible, but accuracy will be impacted.

Is there a lot of tweaking between strains to get the weight right?

No. Typically you can dial in the setting within 10-15 prerolls as a sample. Then you can easily get going to 550/600 per hour. As your operator becomes more proficient with the machine, they will be able to tweak the settings to achieve a consistent 750/hr rate of production.

What grind size is best for the Rolling Center?

The Rolling Center allows processors to experiment with grind size to achieve their optimal results, but 1/8" size is recommended as the safest starting point. Varying the grind size away from this recommendation might impact the weight accuracy and/or fill size, but if your operation needs to use another size, it's possible you can dial in the machine at a different specification.

Has the Rolling Center been tested with sticky cannabis and does it get gunked up?

Yes, it works with the sticky stuff. There aren't any points that create friction or heat, so it is very good at controlling the gunky stuff.



What is the warranty?

There will be a one-year manufacturer's warranty on the Rolling Center.

Not covered will be normal machine wear and tear items, which are in the process of being finalized for average replacement time and cost. (Bearings, razor cutters, other small cost replacement parts).

Consumables are not covered.

If anything malfunctions under warranty how will it get fixed?

The machine is well divided into sub-assemblies, so if your sub-assembly is malfunctioning, you can contact GreenBroz Service department (who can coordinate with RollPros), or contact RollPros directly and a replacement part will be sent out. RollPros and GreenBroz are available when needed to assist in any troubleshooting or service questions.

Can I get joints that accurately weigh .5 gram? Are the joints different circumferences at .5 g with different weights of material? Or will all joints be uniform size radially?

Accuracy at 0.5g - Yes at +/- 0.05g, this will always be accurate with the system due to the scale.
o In terms of preroll machines, you can really only control one thing, volume or weight (not both), and one is dependent on the other through the means of the density of the material (weight/volume).

Most of the other machines just control volume (which is much easier to do) and then let the weight vary as the density varies, which is obviously not ideal as you have a much harder time hitting consistent weight accuracy. RollPros has chosen to control the weight and then let the volume vary as the density varies.

Let's explain that. There is a 'tightness' control on the machine, which you would adjust depending on the 'fluffiness' or density of the strain. So, you might 'roll it tighter' (through adjusting the tightness setting) on some material, or looser on other material. But, strain to strain, if you're adjusting your settings correctly, there should be little visual difference between your prerolls of different strains, with the possible variation coming from a slight difference in the diameter/circumference of the preroll.

What exactly is the accuracy? How do you tell what the final weights of each joint are?

The Rolling Center maintains very good control over the accuracy of the fill weight for 2x joints (because it rolls two at once), that is the +/- 0.02g number. So if you're rolling 0.5g joints, the fill weight will be 1.0g +/- 0.02g and then that is rolled, then the joint is cut in 2. The final weight of



each joint should be 0.5 +/- 0.05g based on the split of the joint, which can be dialed in to reduce the variance further).

o Future testing might yield tighter numbers, but these are the proven numbers so far.

Where do we get the paper and crutches, will any work or do they need to be specific paper and crutches? Can I get my own paper and crutches? What is the cost?

The paper is specific to the machine and at this time, we recommend that clients use the consumables supplied by RollPros who will be able to supply white and brown paper and crutches that work best with the machine. We are working on sourcing rice paper. o Crutches supplied are 6mm – 7mm.

Other paper/crutch options are possible, but the options above are the ones we are ready to supply.

RollPros initially approximated \$300 for the paper (final price TBD based on final bobbin size) and \$0.02 per crutch, so it comes out to \$0.03 per joint on average.

How can we brand the joints? Can we do that on the crutch or paper?

RollPros is working with a partner to help accomplish this.

To start, it will just be branding the crutches.

Is it fully cleanable, sterilizable? Is it made of food grade materials where it touches product?

All surfaces the flower touches are food grade material.

You are able to clean anywhere product touches the machine.

We do not recommend using isopropyl alcohol on the acrylic doors as that could cloud them up.

Soapy water can be used, **not windex** or anything with harsh chemicals in it, typically just a dry microfiber cloth is all you need.

How long does it take to clean and how do you clean it?

Average cleaning is a 10 min blow down with compressed air every 4 hours or so with a deeper cleaning of 45 min most likely closer to a 40 hour schedule.

If needed, in between strains you can blow out and wipe down all contact areas with ISO for a 15-20 minute process. The machine is very accessible for cleaning.

There are some parts, like load cells, that require more careful cleaning consideration.



Can anyone operate this machine?

This machine is best operated by someone who is the dedicated operator of the unit, and ideally someone who is mechanically inclined. However, with the proper training and experience, most/all people can be trained to operate/run this machine.

How many people do you need to operate this?

One needed to operate the machine, however the machine will run on its own and would only require attention periodically.



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