



# ATOMIC CLOSER™

For Machine Versions 1.0 - 4.0 (2022-2026)



2026 v4 Atomic Closer

**(509) 204-3164 | STMCANNA.COM |  
SUPPORT@STMCANNA.COM**

## **USER MANUAL v2.7**

STM Canna  
2701 N Van Marter Rd,  
Spokane Valley, WA 99206  
Support: (509) 204-3164, support@stmcanna.com

**⚠ IMPORTANT: READ BEFORE PROCEEDING**

To prevent damage to the STM Machine and ensure warranty validity, all operational and maintenance procedures must be followed exactly as described in this manual. Only trained personnel should operate or service this machine.



# ATOMIC CLOSER™

## USER MANUAL v2.7

### Closer v1-v4



Sesh Technologies Manufacturing, Inc.  
 2701 N Van Marter Rd,  
 Spokane Valley, WA 99206  
 Sales: (509) 204-3165  
 Web: [www.stmcanna.com](http://www.stmcanna.com)  
 Support: (509) 204-3164  
[support@stmcanna.com](mailto:support@stmcanna.com)

Video Training - <https://shorturl.at/10RBS>



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<b><u>WEIGHT &amp; DIMENSIONS</u></b>	Approximately 125 lbs Machine Dimensions 32" L x 33" H x 18" W
<b><u>VOLUME CAPACITY</u></b>	72 per cycle
<b><u>POWER</u></b>	Standard 120/220v, 50/60 Hertz Full-load 5.1 Amps 5 1/2 ft. cord length
<b><u>MATERIALS</u></b>	Encased in powder-coated aluminum Aluminum & other food grade components
<b><u>CYCLE CUSTOMIZATION</u></b>	Single Cycle Operation with Customizable Run Settings
<b><u>PAPER COMPATIBILITY</u></b>	Compatible with 70, 84, 98, and 109 mm cones
<b><u>SOFTWARE &amp; UPGRADES</u></b>	HD 7" Responsive Touch Control Panel Updates available as necessary
<b><u>TRAINING</u></b>	Video tutorials available
<b><u>COMPLIANCE</u></b>	OSHA Compliant UL-Listed Components 100% Food-Grade
<b><u>LIFE CYCLE</u></b>	10 years
<b><u>OPERATION</u></b>	Modular pre-roll closing system

**WARNING: Unplug the machine before cleaning or maintenance. Use it only in a well-ventilated area with proper PPE. Check for debris before every use.**

**Note:** Video Training - <https://shorturl.at/10RBS>  
 Latest Documentation - <https://stmcanna.com/machine-documentation/>

Getting Started

Thank you for being a valued STM client. We're committed to top-tier product quality and service, and your feedback helps us improve.

The Atomic Closer (1.0-4.0) uses a precision mechanical system to create consistent Dutch crown closures across various pre-roll sizes. With STM's 72-count trays, it operates in a sequential, fully automated closing process.

Training Resources

Videos are available—use them alongside this manual. For specific operations, check the time index at the bottom of each section.

- Videos: <https://shorturl.at/I0RBS>
- Latest docs: <https://stmccanna.com/machine-documentation/>

Please Reach out to Client Services if You Need Assistance (509) 204-3164



Atomic Closer 1.0 vs 2.0 vs. 3.0 vs 4.0 (2022-2026)

- 1.0 (2022-2023): Original model, single motor, chain drive
- 2.0 (2024): Replaced chain drive with 4 Z-motors → faster (72 pre-rolls in 45s vs 60s), improved reliability, maintenance, accuracy; redesigned pincher jaws + new programming
- 3.0 (V3 Turbo): Added second clamp motor + updated programming → 72 joints in 34s vs 45s
- 4.0 (2026): New wireless tablet control, remote access, updated programming → 72 joints in 28s



Closer v1 (2022-23)



Closer v2 (2023-24)



Closer v3 (2025)

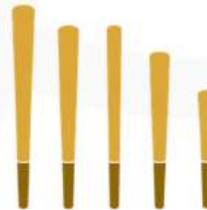


Closer v4 (2026)

Cones

Use high-quality cones for best results.

Before loading trays, ensure cones aren't deformed, crushed, torn, or warped—damaged cones can lead to inconsistent closing and reduced product quality.



Helpful Tips

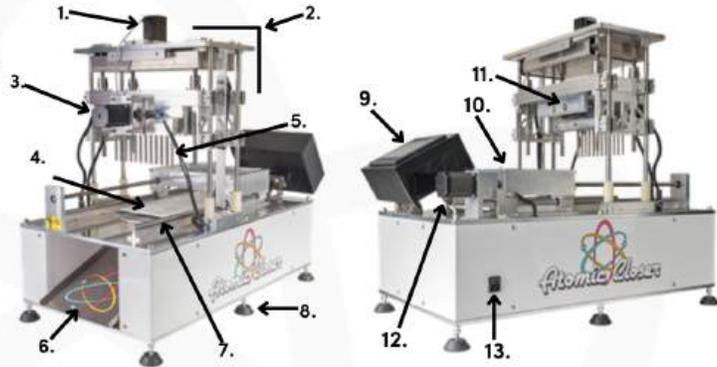
- Higher-quality cones = better success rate
- Recommended: Zig Zag or other reputable brands
- Discard any bent or damaged cones

STM is a preferred Zig Zag partner—contact sales for discounted pricing



**Atomic Closer Components:**

1. Z-Motor: Gantry motor(s); 2.0 uses 4 motors (no chain)
2. Carriage & Casing: Houses key mechanical parts (motors, jaws, rods)
3. C-Motor: Drives pincher jaws
4. Lift Plate: Adjusts cone height for proper closing
5. Push Rods: Form Dutch crown + eject product (109 standard; swap for other sizes)
6. Chute: Ejects finished pre-rolls
7. Cart Guide Rods: Guide tray cart movement
8. Rubber Feet: Adjustable leveling
9. Touch Screen: 7" control panel
10. Tray Cart: Holds trays of filled joints
11. Pincher Jaws / clamps
12. X-Motor: Drives tray cart
13. Power Socket & Switch: Main power control

**Accessories (Included)**

- Spray Atomizer Bottle: Applies a fine mist (1:9 isopropyl to distilled water) to cone tops for better sealing, cleaner crowns, and quick-drying antimicrobial effect
- Thumb Screws: Secure bottom tray in cart
- Rod Set: For 84mm, 98mm, and dogwalker cones (optional)

**Touch Screen Controls - Main Operation Screen**

- **Cycle Buttons** Start, stop, and reset the machine
- **Pre-Roll Selection:** Choose size from dropdown (auto-adjusts lift plate)
- **Custom Settings:** Manually adjust lift plate height
- **Machine Status:** Bottom-right fault indicators; reset or contact support if needed



**WARNING: Disconnect the machine from power before performing any cleaning or maintenance. Operate only in a well-ventilated area and wear appropriate personal protective equipment (PPE).**

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 Latest Documentation - <https://stmcanna.com/machine-documentation/>

**Push Rods: Pre-roll size specific (IMPORTANT)**

- Closer come installed with default 109 rods (for 109 trays / 1g cones); use correct rods for other sizes (84mm, 98mm, 70mm Dog Walker). See stamp on side of rod set for pre-roll size.

**To Change Rods:**

1. Power off machine
2. Remove two bolts per rod (5/32 Allen)
3. Swap rods
4. Reinstall and tighten (do not overtighten)



**Operation: Using the Atomic Closer**

1. Power on machine
2. Press Reset on touch screen if "Start" isn't visible (wait ~30s, no input)
3. Load tray into cart
4. Secure with two thumb screws (opposite corners)
5. Select Paper size from upper left corner drop down
6. Ensure ~¼" empty paper above fill line (above black ring; no material past line) - **See below section: Paper Heights**
7. Lightly mist tops (2-3 sprays; adjust as needed - avoid over/under wetting) - **See below**
8. Press Start

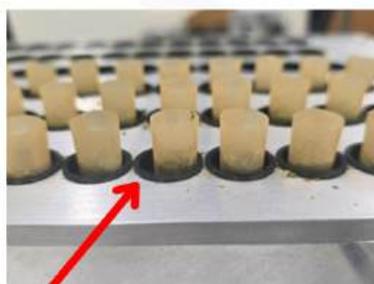


**Mist the pre-rolls to improve the seal and crown quality.**

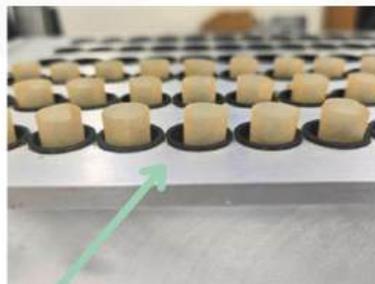
A light spray (1:9 ISO to water) slightly softens the paper so the pincher jaws can form a tighter, cleaner Dutch crown. It also helps the paper stay closed and adds a mild antimicrobial effect. The moisture quickly evaporates, so pre-rolls are dry by the time closing is complete.

**Extremely Important: Paper Heights in Tray**

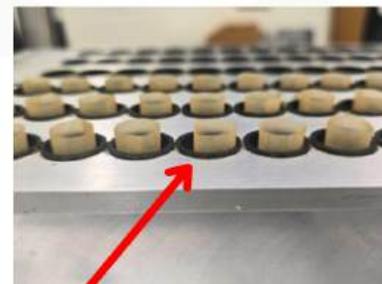
Do not fill above the black ring - this leaves insufficient paper for a proper Dutch crown, causing poor closure. Ensure no material is above this line; if needed, pack it down before closing. Adjust future fills accordingly. For issues, see training videos or contact ClientServices@stmcanna.com.



**Incorrect** (Material exceeds black ring at top of tray cone, which may cause clamps to pinch material and jam)



**Correct.** (Material in paper does not exceed black ring and therefore enough paper for crown)



**Incorrect** (Papers are too low, not enough paper to pinch on and close properly)

**WARNING: Unplug the machine before cleaning or maintenance. Use it only in a well-ventilated area with proper PPE. Check for debris before every use.**

**Note:** Video Training - <https://shorturl.at/IORBS>  
 Latest Documentation - <https://stmcanna.com/machine-documentation/>

## Maintenance Reminder:

- Perform daily cleaning to protect your machine and warranty
- Skipping maintenance can cause malfunctions and void coverage

**Warning: Always unplug the machine before cleaning or servicing**

## Cleaning Steps:

1. Remove trays
2. Blow out debris under lift table (compressed air)
3. Wipe cart, lift table, rods, pincher jaws, and exterior with isopropyl alcohol (cloth or paper towel)



Clean machine thoroughly after every use



Lubricate all ball screws daily before use

## Daily Maintenance (Required):

- Lubricate chain (if applicable), guide rods, and ball screws with food-grade lithium grease (2.0 has no chain)
- Power on, press Stop + Reset (Home), then run one cycle to distribute lubricant
- Remove carriage panel (6 screws)
- Inspect carriage chain for wear or changes

**Failure to perform maintenance voids warranty. Contact Client Services at (509) 204-3164 if issues are found.**

## Daily Maintenance (Required - Protects Warranty):

- Lubricate chain (if applicable), guide rods, and ball screws with food-grade lithium grease (2.0 has no chain). v3 and later do not have a chain.
- Press Stop + Reset (Home), then run one cycle to distribute grease
- Remove carriage panel (6 screws) and inspect chain

**Report any issues to Client Services: (509) 204-3164**



Lubricate areas below daily before use  
See video in training portal on maintenance, lubrication and cleaning  
<https://shorturl.at/10RBS>

**WARNING: Unplug the machine before cleaning or maintenance. Use it only in a well-ventilated area with proper PPE. Check for debris before every use.**

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## SAFETY SUMMARY:

### Ventilation:

- Operate in a well-ventilated area; use dust collection if needed.
- Regularly inspect ventilation systems.

### General Safety:

- Only trained personnel may operate.
- Do not operate while unwell, fatigued, or impaired.
- Review manual and emergency procedures.
- Keep area clean, report hazards immediately.
- Do not repair/modify unless authorized.

### PPE (Required):

- Safety glasses (ANSI Z87.1)
- N95+ respirator/dust mask
- Gloves (nitrile/latex-free)
- Hearing protection (if >85 dBA)
- Lab coat/smock recommended

### Machine Safety:

- Do not bypass safety features.
- Ensure guards are in place.
- Keep hands clear of moving parts.
- Never reach into machine while operating.
- Use caution with sharp tools.

### Fire Safety:

- Keep flammable materials away from the machine.
- Ensure fire extinguishers are accessible and staff are trained.
- Follow emergency procedures in case of fire.

### Pre-Operation Checks:

- Turn off and unplug the machine.
- Clean machine per instructions.
- Dispose of PPE properly.
- Clean work area.
- Log any issues or maintenance.

### Maintenance

- Perform regular maintenance for safe, efficient operation.
- Only trained personnel should service the machine.
- Follow manufacturer schedules and procedures.
- Lockout/tagout before maintenance.
- Keep maintenance records.

### Emergency Procedures:

- Stop the machine immediately.
- Follow emergency procedures.
- Notify supervisor and responders.
- Administer first aid if needed.
- Document the incident.

### Training:

- All personnel must be trained on this SOP, machine operation, and safety procedures before use or maintenance.
- Note: Liners still must be used to preserve warranty. Page 7 or view video - <https://shorturl.at/I0RBS>
- Latest documentation - <https://stmccanna.com/machine-documentation/>



**WARNING: Unplug the machine before cleaning or maintenance. Use it only in a well-ventilated area with proper PPE. Do not use materials that fall into the shaker box for the first 400 hours. Check for debris before every use.**

**For Updated Terms of Business: <https://stmcanna.com/tob>**

## **Purchasing Terms & Conditions**

I hereby confirm that I have thoroughly reviewed and agreed to all terms and conditions herein:

1. I understand that all products are first-come first-serve and that receipt of payment is required in order to receive a confirmed shipping date in the queue. Due to high demands, certain items may have a lead time of 4-8 weeks or more from payment date, unless otherwise stated.
2. I understand and agree that following the receipt of my invoice, STM Canna must receive payment within a maximum of 7 days before the invoice expires – leaving lead times, quoted prices, specials and discounts on all items subject to change.
3. I understand that if a deposit is applicable for any special reason, my deposit is non-refundable.
4. I agree to the Customer Awareness Program and Terms of Business herein.

## **Customer Awareness Program (C.A.P.)**

STM takes pride in the products we make and the services we offer. To ensure our customers fully understand the services we provide, along with the capabilities and expectations of our products, we have executed and outlined the Customer Awareness Program contents below:

1. A 12-month warranty on each product that is applicable with regards to manufacturer's defects, including parts and labor.
2. STM Client Services department is dedicated to ensuring the success and satisfaction of all STM clients. As such, product on-boarding programs are provided to familiarize our clients with their new equipment.
3. STM Tech department provides our clients with all software updates, phone support and onsite support, as needed.
4. Training with our technicians to train your staff on best practices to accomplish your desired results for a quality finished product.
5. An easy-to-use client portal with tools such as product F.A.Q.'s and Best Practices, along with an extensive video library to help guide you towards success with your STM equipment.

## **Expectations & Capabilities of Equipment**

### **STM RocketBox Pro, RocketBox 2.0, RollCraft MRB and RollCraft MRB**

With training from our on technical training staff, you can expect to receive a complete and comprehensive training program to educate your team on best practices, as well as the cleaning and maintenance of your machine and accessories.

Any and all RocketBox and RollCraft series filling machines must have liner bags in them during use or warranty will be voided. The RocketBox Pro and Mini use standard 10 gallon trash liners. The liners prevent material from getting inside the machine and for easy clean-up. The RocketBox 2.0, uses a 100 gallon liner. For more information, refer to the machines manual or reach out to Client Services.

By following the guidelines provided to you via the user manual and training, you will be able to produce a quality and consistent product that will be easily repeatable.

- The shaker box within the machine contains an area where material may escape during operation. With the 400-hour break-in period, STM advises against re-purposing this excess waste due to potential metal contaminants residing in the shaker box from regular usage.
- Results are not guaranteed and can greatly vary from operation to operation.
- Always use STM/RollCraft equipment in a well-ventilated area and or use a certified mask if needed.

### **STM Revolution 2.0 and Mini-Revolution**

- With the STM Client Success Program, Pre-Grind Checklist and other guidelines provided, you will be able to achieve the highest quality and most consistent grind for your needs.
- For best results and ease of operation, humidity control is necessary. A 10% or lower moisture content is recommended. Although the Revolution may be able to operate at higher levels, it is not recommended and may cause clogs and overheating.
- Safety features are in place to ensure proper use of the machine and are meant to stop operation if handled/operated improperly. The display screen will notify the user if any features are not in the proper state.
- A regular cleaning routine should be in place to ensure proper function and longevity of the Revolution and its blades.
- A Pre-Grind Check List is conveniently located next to your display unit. (2.0. Version Only)
- Results are not guaranteed and can greatly vary from operation to operation.

**WARNING: Unplug the machine before cleaning or maintenance. Use it only in a well-ventilated area with proper PPE. Do not use materials that fall into the shaker box for the first 400 hours. Check for debris before every use.**

**For Updated Terms of Business: <https://stmcanna.com/tob>**

## **STM LaunchPad**

Installation is to be performed by STM canna Technicians Only

1. Confirm the installation location meets the following criteria:

- The surface is stable, level, and vibration-free.
- Away from direct sunlight, heat sources, and drafts.
- Climate control to maintain 64° f – 77° f operating temperature range with XX% humidity
- LaunchPad is accessible for routine maintenance and calibration.
- Be aware of the proximity to other equipment. Ensure the LaunchPad scale is positioned away from equipment that generates heat, vibration, or fumes.
- Confirm the shipping crate security seal is intact and that the LaunchPad scale has been in the final

**Install location for 24 hours before the STM Canna technician's arrival**

### **Verify Power Quality:**

- The circuit is dedicated to the LaunchPad and has its own earth-ground probe.
- 110–120-volt AC at 15-20 amps. < 4VAC neutral to earth.
- STM Canna supplied a UPS/Surge protector between the outlet and LaunchPad scale.

### **Safety considerations: Prioritize safety during installation and operation:**

- Follow proper lifting techniques when moving or installing the scale to avoid personal injury or damage to the equipment.
- Adhere to any safety protocols or guidelines specific to the lab environment, such as wearing appropriate personal protective equipment (PPE) when working with hazardous substances.

### **Atomic Closer, RollCraft ATC and Astro Infuser**

Safety considerations: Prioritize safety during installation and operation:

- Follow proper lifting techniques when moving or installing the scale to avoid personal injury or damage to the equipment.
- Adhere to any safety protocols or guidelines specific to the lab environment, such as wearing appropriate personal protective equipment (PPE) when working with hazardous substances.

## **TERMS OF BUSINESS & WARRANTY**

### **Who is Covered:**

Please note that results with STM Canna & STM Supply products can yield varying results which depend on a myriad of factors, including but not limited to: correct grind size, age of material, quality of material, moisture content, strain, temperature, correct sized cone usage, quality of cones used, skill of the operator, and more. Our quoted weight ranges for flower, and trim are all general averages that have been reported to us by our customers, however your material may behave completely differently. We take no responsibility whatsoever for your results, only for the working functionality of our products. If you have any questions or concerns, please do not hesitate to talk to us about this very important disclaimer.

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### **Extent of Warranty:**

There are no warranties on paper products. Machines come with a 1-year parts and labor warranty. See Returns below.

### **Troubleshooting:**

- Reference your instruction sheet and double-check all instructions.
- Always take time to examine problems in detail.
- When all else fails, please call the STM technical support line at (509) 204-3164 or email us at [support@stmcanna.com](mailto:support@stmcanna.com).

The technical line is open 9:00am – 5:30pm Monday through Friday, Eastern Time. Please have the following information handy: Name of Company the purchase was made under, Date of Purchase, and Serial number.

**Terms:**

All orders must be paid in full before the order is placed. Order quotes expire within 7 days. STM Canna & STM Supply reserve the right to specify collection by certified check, money order, or company check. Personal checks are not accepted.

**Special Orders:**

All special-order items must be paid in full before the order is placed. These items are non-returnable and no refund will be given. All special-order items will also take a longer period of time for the customer to receive, which will be quoted at the time of payment.

**Liability:**

The purchaser of any products releases the manufacturer of those parts and STM Canna from all liabilities pertaining to use of the products.

**Returns:**

No Refunds/Exchanges: We do not accept returns or exchanges unless the item purchased is defective. All items that we ship are insured; if an item comes that is damaged from shipping, we will work closely with you to get you replacement parts as soon as possible. We may also request pictures or other identifying information to establish that damage was caused by the shipping carrier.

In the event of an approved refund or exchange at STM Canna's discretion, there will be a minimum 25% restocking fee. If you receive an item you believe is defective, please contact us with details of the product at (509) 204-3164 or email us at support@stmcanna.com.

We may ask you for pictures, video, descriptions, and other identifying information to make a determination. If you are unable to provide adequate documentation requested, your return request will be denied. If your item is deemed defective, which is solely at STM's discretion, we will issue you an RMA # which you will need to place in and on the package. After receiving your RMA #, you may send the item to:

STM Canna  
2701 N Van Marter Rd  
Spokane Valley, WA 99206

Upon receipt of the returned product, we will fully examine it and notify you via e-mail, within a reasonable period of time, whether you are entitled to replacement as a result of the defect. If you are entitled to a replacement, we will replace the product at no additional cost to you.

Since ownership of product transfers at the FOB point, claims for damaged, lost, or short shipments must be made at the time of receipt.

**Technical Questions:**

See your local dealer or contact us directly at (509) 204-3164 or email to support@stmcanna.com.

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