

stm 

ATOMIC CLOSER™

PRE-ROLL CLOSING MACHINE





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WARNING
UNPLUG YOUR MACHINE BEFORE EVERY CLEANING AND WHEN YOU PERFORM MAINTENANCE

ATOMIC CLOSER™
USER MANUAL V2.1



Web: www.stmcanna.com
 Support: (509) 204-3164
support@stmcanna.com

<u>WEIGHT & DIMENSIONS</u>	Approximately 135 lbs Machine Dimensions 14" L x 17" H x 10" W
<u>VOLUME CAPACITY</u>	72 per cycle
<u>POWER</u>	Standard 120v, 60 Hertz Full-load 5.1 Amps 5 1/2 ft. cord length
<u>MATERIALS</u>	Encased in powder-coated aluminum Aluminum & other food grade components
<u>CYCLE CUSTOMIZATION</u>	Single Cycle Operation with Customizable Run Settings
<u>PAPER COMPATIBILITY</u>	Compatible with 70, 84, 98, and 109 mm cones
<u>SOFTWARE & UPGRADES</u>	HD 7" Responsive Touch Control Panel Updates available as necessary
<u>TRAINING</u>	Video tutorials available
<u>COMPLIANCE</u>	OSHA Compliant UL-Listed Components 100% Food-Grade
<u>LIFE CYCLE</u>	10 years
<u>OPERATION</u>	Modular pre-roll closing system

Thank you for being a valuable client of STM. Our goal is to bring our customers the very best in product quality and customer service. We value your feedback to help us improve.

The Atomic Closer uses a systematic mechanical system that is programmed to perfectly create dutch crown closes on a variety of pre-roll sizes. Utilizing STM Canna's 72-count trays, the machine utilizes a sequential flow that seals and closes pre-rolls autonomously every 45 seconds with numerous customizable options.



GETTING STARTED

Your brand-new Atomic Closer is virtually ready to go straight out of the box, with minimal setup needed. Follow the steps provided in this manual and you'll be closing pre-rolls in no time.

TRAINING VIDEO

A video is available online for this machine. It is recommended that this manual be used in conjunction with it. When looking for a specific operation, refer to the time index listed at the bottom of each section in this manual.

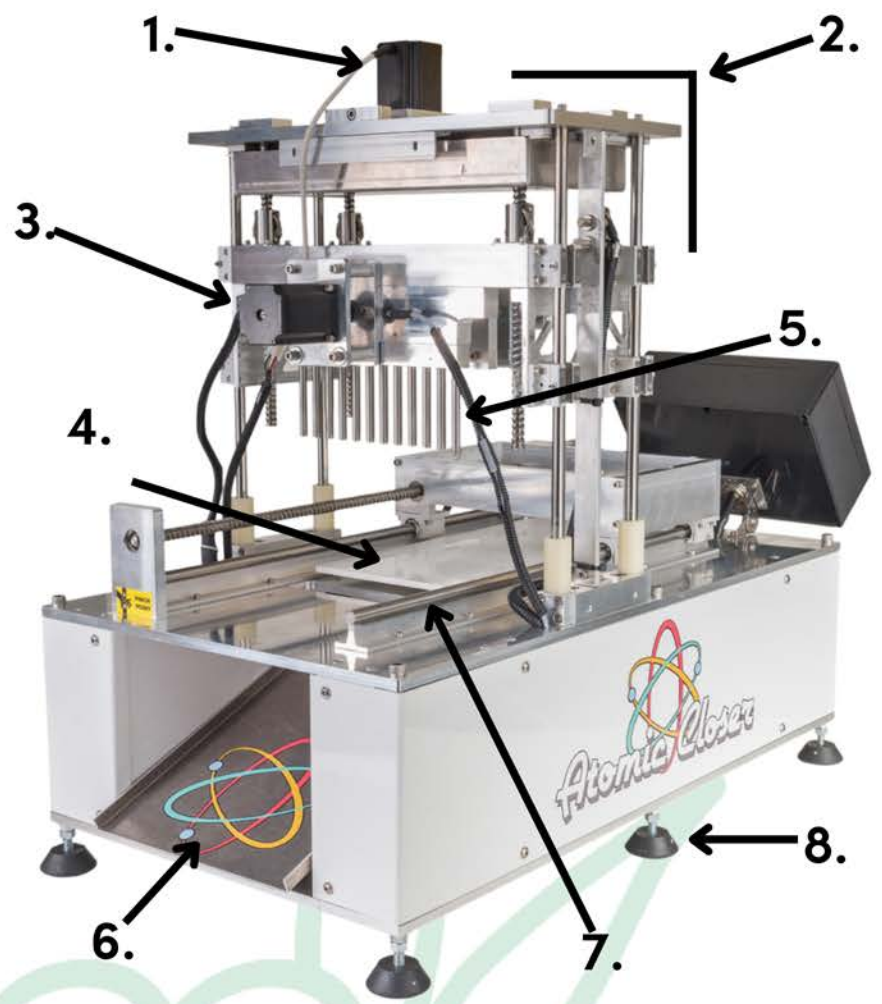
Link: bit.ly/2mrR0sA



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- 1. Z Motor - Controls up and down movements of the carriage unit.
- 2. Carriage & Plastic Casing (not pictured) - Houses the Z motor, C motor, pincer jaws, push rods, and associated mechanical parts.
- 3. C Motor - Opens and closes the pincer jaws.
- 4. Lift Plate - Used to adjust the height of filled cones that are placed on it.
- 5. Push Rods - Creates a "dutch crown" style close/finish on pre-rolls and ejects the finished product.
- 6. Chute - Where closed pre-rolls are ejected after being closed.
- 7. Cart Guide Rods - Guides the tray cart and filled tray through the operational process.
- 8. Rubber Feet - Adjustable to ensure a level operating surface.



- 9. Touch Screen - 7" control panel used to initiate the operation of the machine and select sizes.
- 10. Tray Cart - Area where filled trays are placed and locked in to be ran through the machine.
- 11. Pincer Jaws - Creates the first "close" by sealing the tops of the filled pre-rolls.
- 12. X Motor - Allows the tray cart to move forward and backward.
- 13. Power socket & switch - Turns the machine on and off.



1.



2.



3.



1. Spray Bottle - Used to spray an even mist of Isopropyl/water solution onto the tops of the filled cones.

2. Rod Set - Used for 84mm and 98mm sized cones.

3. Thumb Screws - Secures the bottom tray into the tray cart.

NOTE

Your spray bottle should be filled with a 90% water/10% Isopropyl solution when spraying your pre-rolls.



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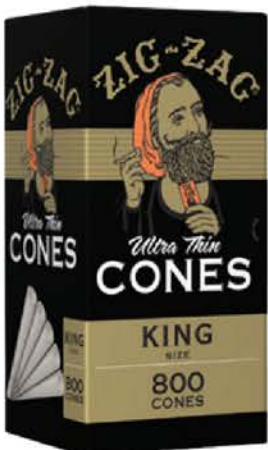


CONES

QUALITY

Always use good quality paper cones and discard all cones that appear to be defective.

Before you place your filled STM Canna loading trays into the Atomic Closer, ensure that they are not deformed, crushed, torn, or warped. Using damaged cones with the Atomic Closer can result in inconsistent results and a lower quality product.



Helpful Tips

- Better quality cones ensure a higher success rate.
- STM recommends using Zig Zag brand cones, or another reputable rolling paper manufacturer, when using the Atomic Closer.
- If damaged cones are discovered following the filling process, remove them from the loading tray before being run the tray through the machine.



PREPARATION

Home Screen

The operational functions of your Atomic Closer are controlled via a 7 inch touch screen. You can START, STOP, and RESET the machine from here (RESET will only appear after selecting STOP).

Pre-Roll Selection Dropdown

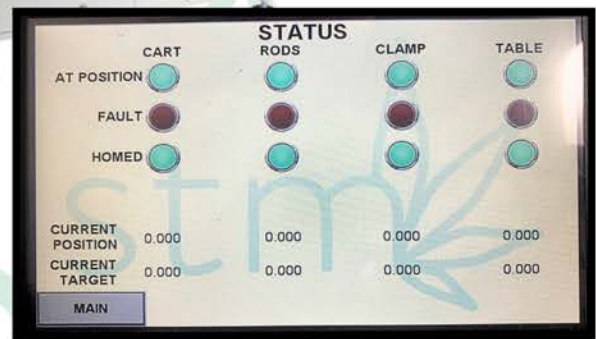
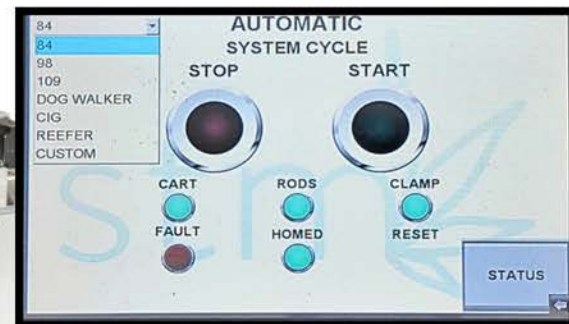
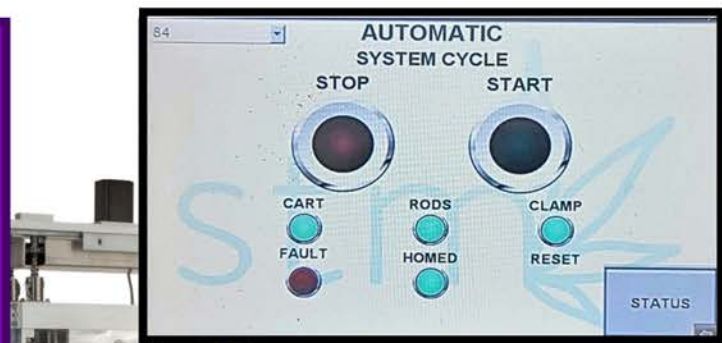
From the drop-down tab in the upper-left corner, you may choose the correct pre-roll size of your tray. This will raise or lower the lift table to properly accommodate your pre-rolls.

Custom Settings

The "Custom" option in the drop-down lets you adjust the lift table manually in incremental steps using the up and down arrow, with the ability to enter a value based on the lift plate's custom position.

Machine Status

Located in the bottom-right corner. If any "FAULT" indicators light up red in this menu, there's an issue.



OPERATION

START UP

1. Turn the machine on using the on/ off switch on the side of the machine, just above the plug-in socket.
2. Use drop down menu in the upper left corner of the touch screen to select your desired cone size. Note the custom option, in which you can set the height of the plate manually.
3. Ensure all facets of the machine are in their home position by pressing the "reset" button. If reset is not on the screen, press the "stop" button and it will appear.



USING THE ATOMIC CLOSER

1. Load a full tray into the cart located just behind the touch screen.

- Watch the pre-rolls on the sides of the tray to make sure they all set onto the lift plate.
- Be sure to place the bottom tray straight down onto the cart so as to not bend or break any joints against the cart itself.
- Mate the tray to the cart using the guide pins located on the top surface of the cart in order to ensure proper placement.

2. Secure tray using the thumb screws provided. These go through the bottom tray and thread into the top of the cart at the top right and bottom left of the tray.

3. Fix any nicked or crushed cones using chopsticks or a pen so that the openings are circular and straight.

4. Check that the fill line is low enough so that there is a quarter inch of non filled paper at the top of the joint. Ensure there is no product inside the pre-rolls above the black rings of your bottom tray. This will ensure that the pincer jaws fully close the tops of the pre-rolls.

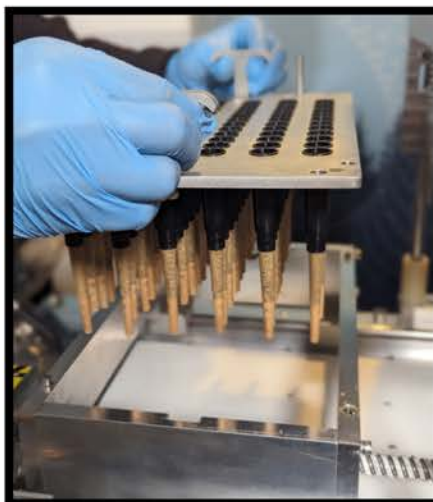
5. Charge the atomizing spray bottle away from the machine, then mist the exposed pre-roll tops in the tray with 2 to 3 full sprays from about 6 to 10 inches away.

6. Check your settings one last time, then press the start button on the touch screen.

7. Inspect your closed joints for any imperfections.

WARNING

Do not put hands inside the plastic guard or near any moving parts while the machine is in operation.

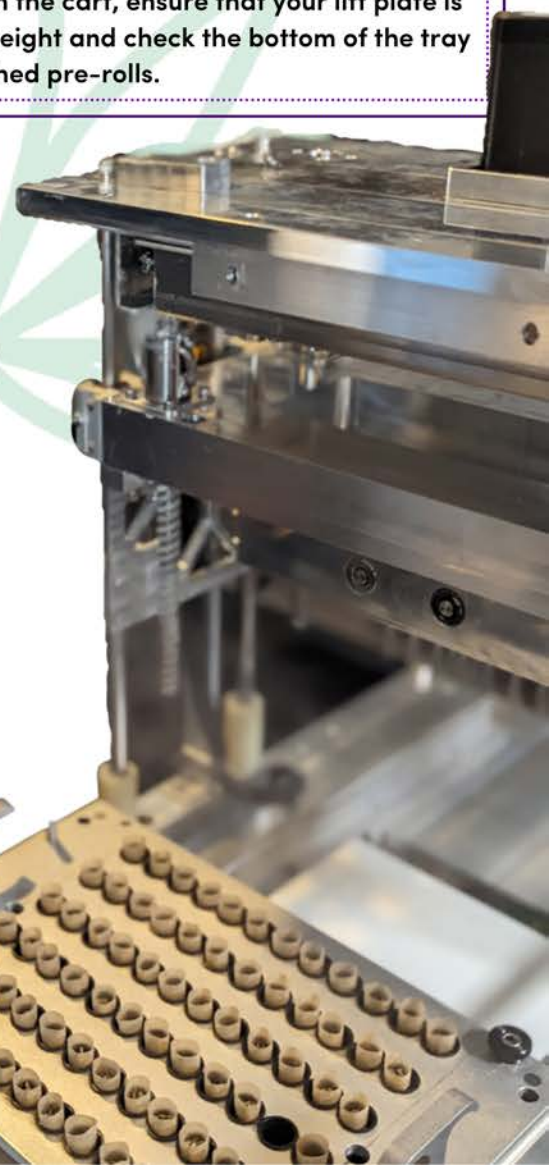


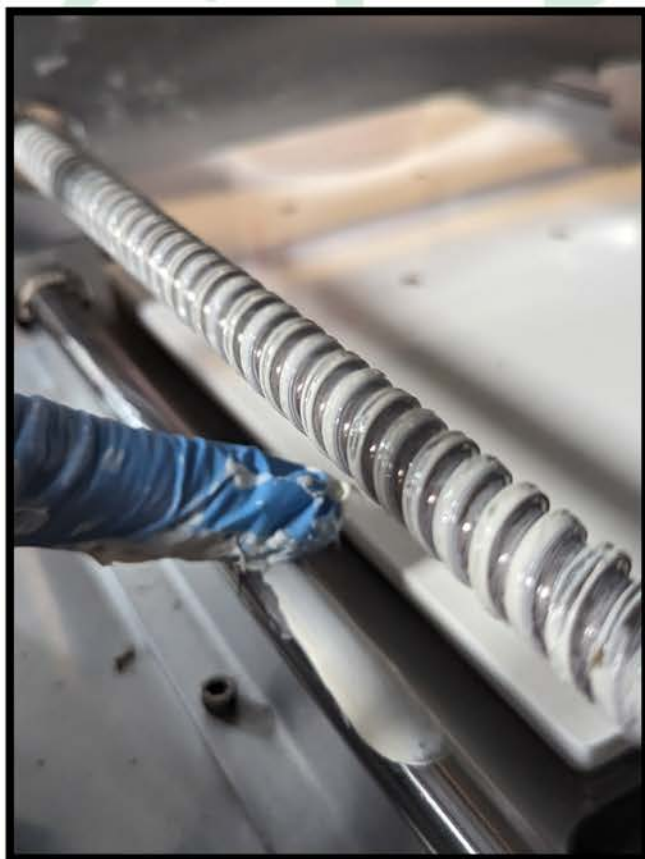
Helpful Tips

- If finished joints are coming out with 'one flap' or a 'pope hat,' use more mist before closing.
- If an error occurs, stop the machine using the touchscreen and "reset" the Closer to its home position before trying another run.
- If pre-rolls are not extending all the way through when the tray is placed in the cart, ensure that your lift plate is set at the correct height and check the bottom of the tray for damaged/crushed pre-rolls.



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WARNING **UNPLUG YOUR MACHINE BEFORE EVERY CLEANING AND WHEN YOU PERFORM MAINTENANCE**

HOW TO CLEAN

1. Remove trays from the machine.
2. Blow out loose material from under the lift table with a can of air.
3. Carefully wipe down the tray cart, lift table, rods, pincher jaws, and outside of the machine with isopropyl alcohol on a microfiber cloth or paper towel.
4. "Home" the machine through STOP and RESET, then run through a cycle after lubricating the necessary parts.

DAILY MAINTENANCE

- Lubricate the carriage chain, cart guide rods, carriage ball screws, and cart ball screws with a lithium food grade grease.

Failure to do this will result in a voided warranty.

1. Remove plastic carriage paneling by removing the six external screws.
2. Visually inspect the carriage chain for any changes. If any issues/changes are noticed, please contact Client Services at (509) 204-3164.



PURCHASING TERMS & CONDITIONS

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. Following the receipt of an 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. If a deposit is applicable for any special reason, my deposit is non-refundable. Purchaser agrees to adhere 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:

- A 12-month warranty on each product that is applicable with regards to manufacturer's defects, including parts and labor.
- 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. STM Client Services also provides clients with all software updates, phone support, and onsite support as needed.
- Training with our technicians to show your staff the best practices to accomplish your desired results for a quality finished product.
- An easy-to-use client portal with tools such as product FAQ's and "Best Practices", along with an extensive video library to help guide you towards success with your STM equipment.

EXPECTATIONS AND CAPABILITIES OF YOUR STM EQUIPMENT: STM ATOMIC CLOSER

With help from our Client Services team, 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. 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.

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: Quality of the product, moisture content of the product, user error and more. 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.

EXTENT OF WARRANTY

There are no warranties on paper products. The Atomic Closer comes with a 2-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@stmcanca.com.

The technical line is open 8:00am – 4:00pm Monday through Friday, Pacific 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 shipped. Order quotes expire within 10 days. STM Canna & STM Supply reserve the right to specify collection by credit/debit card, bank wire, ACH, certified check, money order, or company check. Personal checks are not accepted.

RETURNS

No Refunds/Exchanges: We do not accept returns or exchanges unless the item purchased is defective. No item will be accepted for return without prior approval. All approved returns must be accompanied with a return authorization (RA) number and must be in new and unused condition. All RA numbers must be clearly displayed on the outside of the box. All returns are subject to restocking fees, not to exceed 20% unless damaged. Refunds are issued in the form of like payment. All refused shipments are subject to a 20% restock fee and all applicable freight charges. 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.

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
5517 E. Trent Spokane, WA
99212

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.

SHIPPING

All orders must be paid in full before the order is shipped. Order quotes expire within 10 days. Orders received will fall in line and be serviced accordingly where the shipment date may be sooner than originally quoted. We will ship by the most reasonable means based on the volume of the order, unless otherwise specified.

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.

CLAIMS

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

For all questions related to product functionality or troubleshooting, contact STM Canna's Support Team at support@stmcanna.com.



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