



BUCKMASTER

# USER GUIDE

V1.1



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# INTRODUCTION

Congratulations on your selection of the Trinator Buckmaster commercial buckler! We want to help you to get the best results from your new trimmer and to operate it safely. This User Guide contains the information on how to do that; please read it carefully before you set up and use your trimmer.

We suggest you read the [Warranty](#) to fully understand coverage and your responsibilities of ownership. Keep this owner's manual handy, so you can refer to it at any time. This User Guide is considered a permanent part of the trimmer and should remain with the trimmer if resold. The information and specifications included in this publication are those that were in effect at the time of approval for printing. Eteros Technologies (Eteros) reserves the right, however, to discontinue or change specifications or design at any time without notice and without incurring any obligation whatever. No part of this publication may be reproduced without written permission.

## DISCLAIMER

Eteros Technologies recognizes that the Buckmaster commercial buckler is a purpose-built machine for processing cannabis by licensed producers. Please check all municipal, provincial/state, and federal laws and regulations before using the Buckmaster commercial buckler. Eteros Technologies does not promote or condone the use of processing equipment in any way that may be deemed illegal

Eteros Technologies recognizes that our equipment can be used for processing herbs, hops, flowers, and many other products. It is not the responsibility of Eteros Technologies to confirm alternative applications for our equipment.

# SERVICE AND REPAIRS

Repairs may only be carried out by Eteros Technologies or a designated authorized agent (service technician).

Should the need arise, please notify us:

**Eteros Technologies**  
**6175 South Sandhill Road, Unit 600,**  
**Las Vegas, NV 89120**

**[www.eteros.com](http://www.eteros.com)**  
**[www.thetriminator.com](http://www.thetriminator.com)**  
**[service@thetriminator.com](mailto:service@thetriminator.com)**  
**(530) 265 4277**

Improper interfacing, improper repair, or an unauthorized modification could result in void warranty claims.

# WARRANTY

Thank you for your purchase of the Trinator BuckMaster.

The Trinator BuckMaster is covered by our manufacturer's warranty as follows:

- No warranty on consumable parts, including rolls and die plates;
- Warranty coverage for one (1) year or 1,000 operating hours, whichever occurs first, on motors, electrical components, and the remainder of machine components.

The warranty period begins on the date the equipment is received by the customer. Any damage that occurs during shipping will be the responsibility of Trinator.

The above terms are valid if Trinator equipment is used and maintained as directed. If the equipment is modified in any way, all terms of this warranty are void. This warranty does not apply to cosmetic damage, such as scratches or general wear and tear.




Should you experience a technical problem with your equipment, please contact Eteros Technologies at the email or phone number outlined in the **Service and Repairs** section.

# WARNING LABELS

Your safety and the safety of others are very important. We have provided important safety messages in this manual and on the Triminators Mini Dry. This information alerts you to potential hazards that could hurt you or others. Please read these messages carefully. Of course, it is not practical or possible to warn you about all the hazards associated with operating or maintaining a trimmer. You must use your own good judgment.

You will find important safety information in a variety of forms:

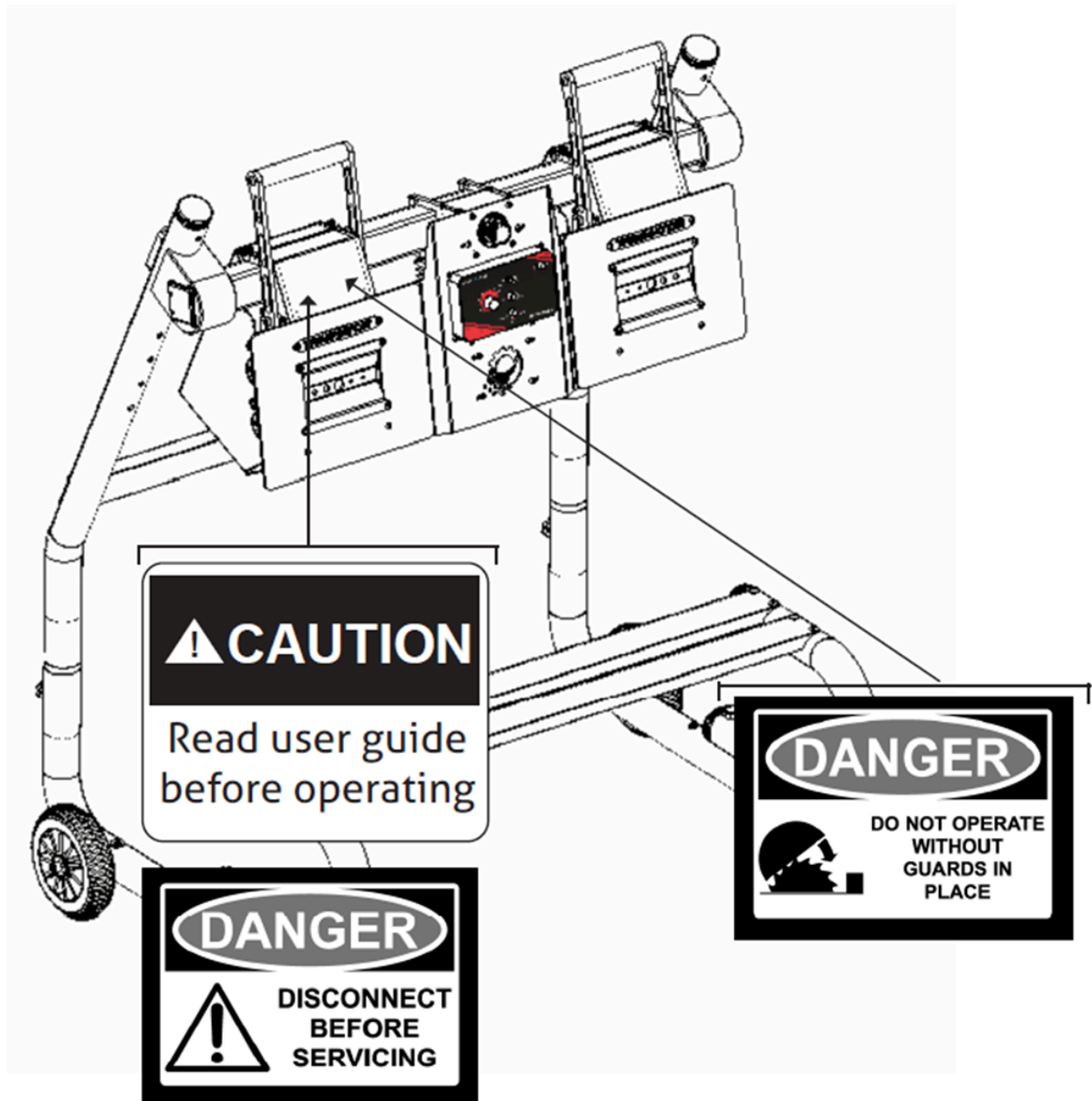
- **Safety Labels** - located on the trimmer.
- **Instructions** - how to use this trimmer correctly and safely.
- **Safety Messages** - preceded by a safety alert; a symbol and one of three signal words: DANGER, WARNING, or CAUTION.

	<b>DANGER:</b> Indicates a hazardous situation that, if not avoided, will result in serious injury and/or death. This signal word is to be limited to the most extreme situations; typically for machine components that, for functional purposes, cannot be guarded.
	<b>WARNING:</b> Indicates a potentially hazardous situation that, if not avoided, could result in serious injury and/or death. It includes hazards that are exposed when guards are removed. It may also be used to alert against unsafe practices.
	<b>CAUTION:</b> Indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

**Damage Prevention Messages** - You will also see other important messages that are preceded by the word NOTICE. This word means:

**NOTICE** Your trimmer or other property can be damaged if you don't follow instructions.

## SAFETY LABEL LOCATIONS



# BUCKER SAFETY

Trinator commercial buckers are designed to remove flowers from stems on a variety of herbal material. Other uses could result in injury to the operator or damage to the bucker and other property. Injuries and property damage from buckers can be prevented by following all instructions in this manual and on the bucker. The most common hazards are discussed below, along with the best way to protect yourself and others.

## AVOID ROTATING RUBBER ROLLERS

The Trinator BuckMaster's rubber rollers can cause serious damage, cuts, and even amputate fingers or hands. **Keep hands, arms, and body away from the rubber rollers whenever the motor is running. Keep hair, clothing, and jewelry away from the rollers.** If you need to work around the bucker to clear or clean plant material for any reason, always shut off the electric motor and disconnect the bucker's power cord from the AC outlet. **Never put your hand in contact with the rubber rollers while the machine is running; serious personal injury could result.**

## CLEAR OPERATION AREA

Before operating the bucker, carefully inspect the surrounding area and remove all obvious hazards that could cause you to trip, slip, or fall into the bucker.

## KEEP GUARDS AND SHIELDS IN PLACE

Guards and shields are designed to protect you from touching moving components. For your safety and the safety of others, keep all shields in place when the bucker is running.

## TURN ELECTRIC MOTOR OFF WHEN NOT OPERATING THE BUCKER

If you need to leave the bucker for any reason, always turn the electric motor off.

## OPERATE ON FLAT SURFACE

To avoid overturning, only operate the bucker on flat surfaces. Control the bucker carefully when transporting it across uneven ground or slopes. Do not push the bucker down or across steep slopes; the bucker could overturn, causing injury to the operator or bystanders.



## **OPERATOR RESPONSIBILITY**

Know how to stop the buckler quickly in case of emergency. Understand the use of all buckler controls. Never permit anyone to operate the buckler without proper instruction. Do not let children operate the buckler.

## **GENERAL SAFETY PRECAUTIONS**

### **KNOW THE SAFETY INFORMATION**

Read and become familiar with the entire User Guide. Learn the equipment applications, limitations, and possible hazards.

### **KEEP GUARDS AND SHIELDS IN PLACE**

Keep all guarding in place and in working order to protect both the device and the operator.

### **WORK IN A SAFE ENVIRONMENT**

Do not use equipment in a dangerous environment or damp/wet locations. Never expose the control panel directly to rain or water. Keep the work area well-illuminated.

### **WORK AWAY FROM FLAMMABLE LIQUIDS OR GASSES**

Do not use the device in the presence of flammable liquids or gasses.

### **KEEP THE WORK AREA CLEAN**

Cluttered areas and workspaces invite accidents.

### **TRAINED OPERATORS ONLY**

Keep children and bystanders away from the device. visitors should be kept at a safe distance from the work area.

### **DON'T FORCE THE EQUIPMENT**

It will operate optimally and safely at the rate for which it was designed.

## **USE THE RIGHT TOOL**

Don't force the device to do a job for which it was not designed.

## **WEAR PROPER APPAREL**

Do not wear loose clothing, gloves, neckties, rings, bracelets, or other jewelry that may get caught in moving parts. Non-slip footwear is recommended. Wear a protective hair covering to contain long hair.

## **ALWAYS OPERATE DEVICE IN A WELL-VENTILATED AREA**

Dust generated from certain materials can be a health hazard. Use a dust collection system whenever possible.

## **WEAR A FACE MASK OR DUST MASK**

This device may produce dust or operate near other dust-producing machines. If dust extraction is not considered, a dust mask must be worn.

## **POWER DOWN AND DISCONNECT**

Power down and disconnect equipment before servicing and when changing any accessories, consumables, or other components.

## **CHECK FOR DAMAGED PARTS BEFORE OPERATION**

The equipment should be inspected prior to use to ensure proper operation in performing its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. Any damaged part including guards should be properly repaired or replaced.

## **ALWAYS WEAR EYE PROTECTION**

Safety goggles can protect your eyes from fast-moving debris.

## **ALWAYS WEAR EAR PROTECTION**

Wear ear muffs or earplugs when operating loud machinery.

# SETUP AND ASSEMBLY

## UNPACKING AND INSPECTION

Trinator BuckMaster comes in shipping boxes disassembled. Upon receipt please check the boxes for damage and mark any damage on the shipping BOL and follow the shipper's instructions.

1. To begin, disassemble the shipping boxes. Make note of any damage, which is identified on either the machine parts or the shipping crate. Notify the shipper, your dealer and MMC immediately, should damage be identified.
2. Remove the components from the packaging and place them on a flat and level surface.

## ASSEMBLY

### Required tools

Standard hex wrench set

### Personnel

Two people are recommended to help with the assembly of the BuckMaster Machines. It can be completed with one person, however assembly may take longer and be more difficult.

### Instructions

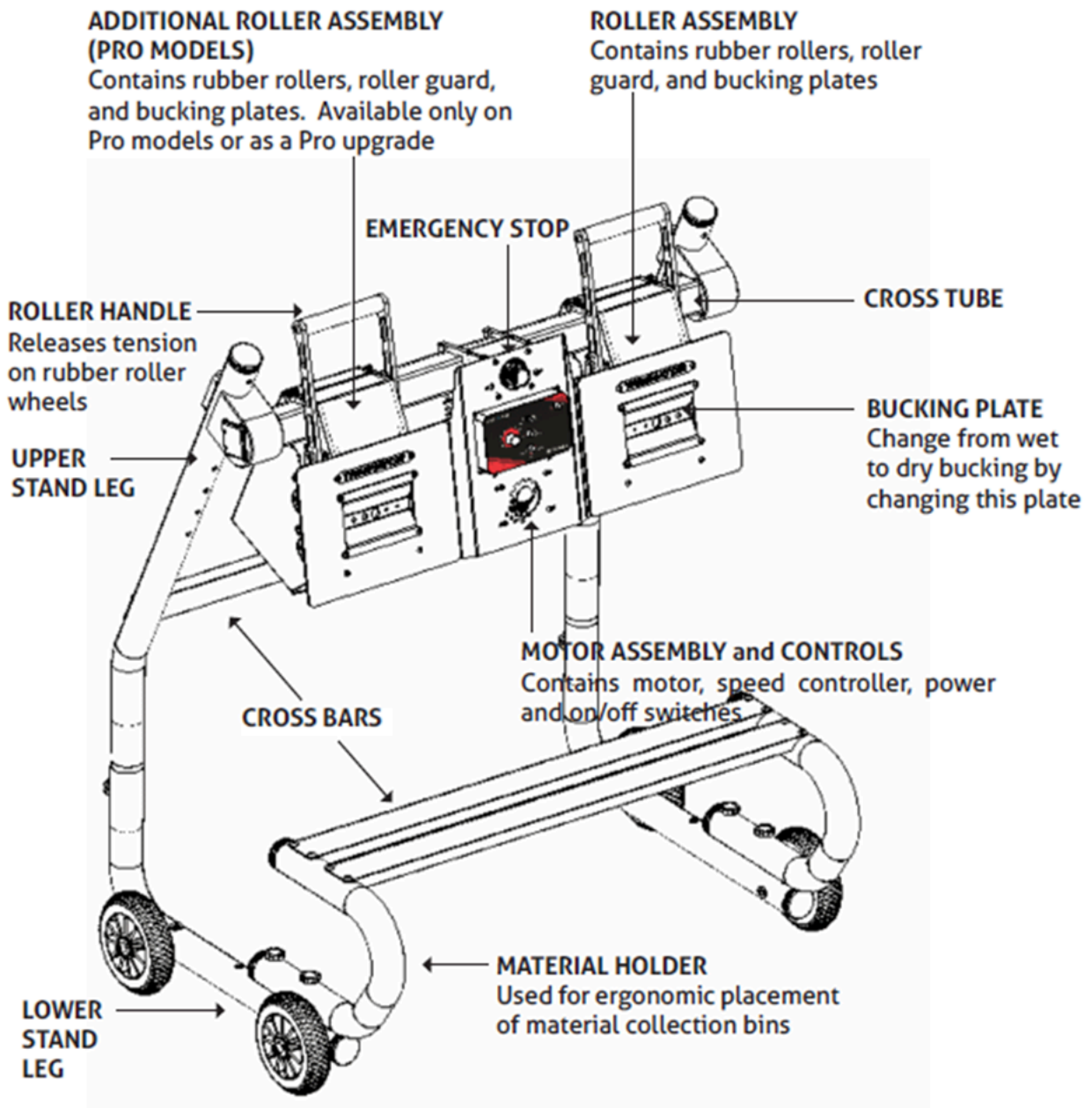
Follow the video instructions at the link below:

#### **Buckmaster Pro Assembly - Step by Step Instructions**

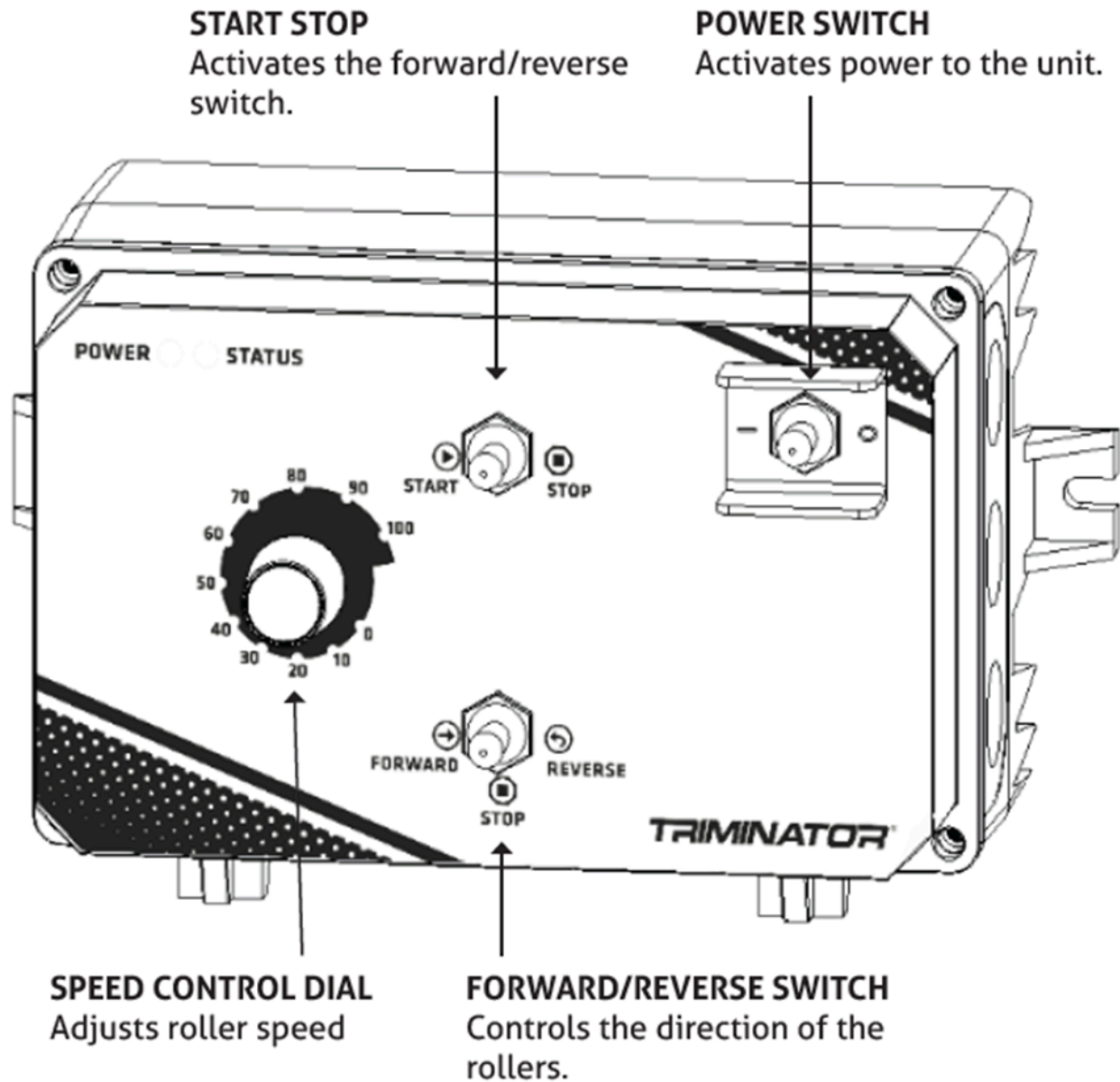
<http://bit.ly/buckmasterproassembly>



# COMPONENTS



# CONTROLS



**NOTICE** The BuckMaster series offers redundancy controls for safe operation. To operate, all controls must be in an active position and the emergency stop must be in an operating position.

# BEFORE OPERATION

Read and understand this manual. Know what the controls do and how to operate them. Familiarize yourself with the buckler and its operation before you begin using it. Know how to quickly shut off the machine in case of an emergency.

***Your safety is your responsibility.***

## IS YOUR BUCKER READY FOR OPERATION?

For your safety, and to maximize the service life of your equipment, it is very important to take a few moments each time before you operate the buckler to check its condition. Be sure to take care of any problem you find before you operate the buckler.

Improperly maintaining this buckler, or failing to correct a problem before operation, could cause a malfunction which could cause you to be seriously injured. Always perform a pre-operation inspection before each operation, and correct any problem.

Before beginning your pre-operation checks, be sure the buckler is on a level surface, the motor timer switch is in the OFF position, and all power cords are unplugged.

## CHECK THE GENERAL CONDITION OF THE BUCKER

- Clean the rubber rollers, bucking plates, and tension system. Look for signs of damage.
- Check each control for proper operation.
- Check parts for wear. Replace if necessary.
- Check that all nuts, bolts, and clamps are tightened appropriately.



**KEEP ALL SHIELDS, GUARDS AND COVERS IN PLACE WHILE OPERATING THE BUCKER.**

# OPERATION

## CHECK YOUR WORK AREA

For your safety and the safety of others, always inspect the area before operating the buckler.



KEEP AREA CLEAR of anything which can be grabbed by the rotating rubber rollers. Look for hazards and remove them from the work area. Tie back loose clothing and long, loose hair. Remove any jewelry.

## SAFE OPERATING PRECAUTIONS

Before operating the buckler for the first time, please review both the **BUCKER SAFETY** section and the **BEFORE OPERATION** section.

- Even if you have operated other bucklers, take time to become familiar with how the Triminators work.
- Never tamper with or alter any of the controls or safety devices on the buckler.
- Do not operate on slopes.
- Never operate Triminators while under the influence of drugs, alcohol or prescriptions, including over-the-counter cold/flu medications and allergy medications.
- Protective clothing and eye and/or hearing protection should be worn during operation.
- For your safety, do not operate while wearing loose-fitting clothing, jewelry, etc..
- Long hair should be secured in a manner that keeps it away from mechanical parts.
- Rotating machinery parts can entangle loose clothing, long hair or dangling jewelry resulting in serious injury or death.

# STARTING THE BUCKER

## CONNECT POWER CORDS

Connect the Triminators BuckMaster power cord to a 15 amp 120 vac AC circuit. Do not connect and disconnect the power cord with wet hands. Do not operate in the rain.

***The Trimator machine draws a max of 7 amps.***

## START THE MACHINE

1. Align the Trimator BuckMaster power switch to the ON position.
2. Press the START/STOP switch to the START position.
3. Press the forward/reverse switch to the FORWARD position.
4. Adjust the speed control dial to the desired speed.

## STOPPING THE MACHINE

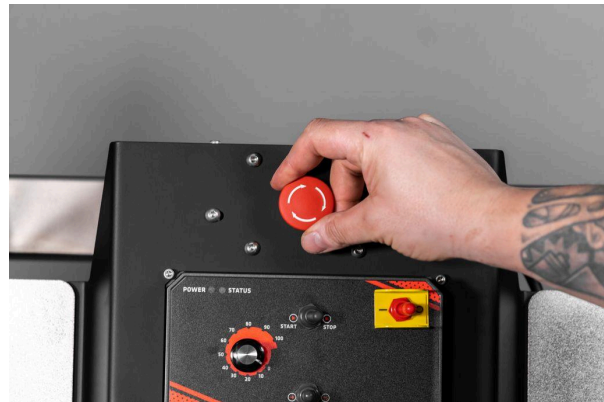
### DURING NORMAL OPERATION

To stop the Trimator during normal operation, press the start/stop switch to the STOP position.



### DURING AN EMERGENCY

To stop the Trimator in an emergency, press the emergency stop button. The emergency stop button will remain depressed until it is reset.





## RESETTING THE MACHINE FOLLOWING AN EMERGENCY STOP

For the safety of the operator the machine must be reset following an emergency stop.

1. Return Emergency Stop to the Active Position by rotating the red button clockwise until it returns to its fully extended position.
2. Align the Power Switch to the Off position
3. Push the start/stop switch to the STOP
4. Forward/Reverse - Neutral (centered)
5. Start the machine as you would under normal operation conditions

## DISCONNECT POWER CORDS

Disconnect the bucker's power cord by pulling on the power cord plug.

**NOTICE** Be sure to hold the plug when disconnecting the power cord from the electrical outlet. Do not disconnect by pulling on the power cord.

# BUCKING TIPS

For best efficiency, run batches of similar-sized material through the machine. In general dry product should be run at a slower speed than wet product to achieve similar results. Use the smallest hole or tube dia available to avoid losses.

## WET BUCKING

For greatest efficiency bucking wet product use the holes bucking plate. Set the speed to the fastest setting allowable without excessively breaking apart the buds. If the buds are being broken down to a point that is unacceptable slow the speed until the desired result is achieved.

## DRY BUCKING

For greatest efficiency bucking dry product use the tubes bucking plate. Set the speed to the fastest setting allowable without excessively breaking apart the buds. If the buds are being broken down to a point that is unacceptable slow the speed until the desired result is achieved.

## REMOVING OBSTRUCTIONS

If the rotating rollers becomes restricted or clogged:

1. Stop the motor and verify all switches are in the stop or off position.
2. Make sure that all rotating parts have come to a complete stop.
3. Disconnect the bucker's power cord.
4. Release the tension on the rollers by pulling the handle down and towards the operator.
5. Remove the obstruction.

# SERVICING YOUR BUCKER

Proper maintenance is essential for safe, economical, and trouble-free operation.

To help you properly care for your buckler, the following pages include a maintenance schedule. Other service tasks that are more difficult, or require special tools, are best handled by professionals and are normally performed by a Trinator technician or other qualified mechanic.

The maintenance schedule applies to normal operating conditions. If you operate your buckler under severe conditions, such as sustained high-load or high-temperature operation, or use it in unusually wet or dusty conditions, consult your servicing dealer for recommendations applicable to your individual needs and use.

Remember that an authorized Trinator servicing dealer knows your buckler best and is fully equipped to maintain and repair it. To ensure the best quality and reliability, use only new, Trinator Genuine parts or their equivalents for repair and replacement.

**NOTICE** Improper maintenance, or failure to correct a problem before operation, can cause a malfunction in which you can be seriously hurt or killed.

**Always follow the inspection and maintenance recommendations and schedules in this owner's manual.**

# MAINTENANCE SCHEDULE

## MAINTENANCE SAFETY PRECAUTIONS

Some of the most important safety precautions follow. However, we cannot warn you of every conceivable hazard that can arise in performing maintenance. Only you can decide whether or not you should perform a given task. Failure to properly follow maintenance instructions and precautions can cause you to be seriously hurt or killed. Always follow the procedures and precautions in this owner's manual.

- Make sure all motors are off and power cords are unplugged before you begin any maintenance or repairs.
- Read the instructions before you begin, and make sure you have the tools and skills required.

INTERVAL	ITEM
Before each use	Insure the rollers are in the tensioned position with the roller handle in the vertical upwards position. Check that machine is free of excessive debris. Ensure that machine is clean.
After each use	For best performance and longevity, release the tension on the rollers by pulling the roller handle down to a horizontal position. This reduces tension on the rollers and prevents them from flattening over time.
After each use	For best performance and longevity, clean buckler after every use or if plant material is visibly affecting the quality or speed of the buckler.
After cleaning	Grease metal to metal interfaces on roller assembly with food safe grease after pressure washing.
Every 80 hours of operation	Check the rubber roller wheels. To do this remove the rear guard (located on the out-feed side of the roller assembly) for signs of wear, cracks or breaks. Replace as needed.

# CLEANING AND SERVICING

## WHEN TO CLEAN

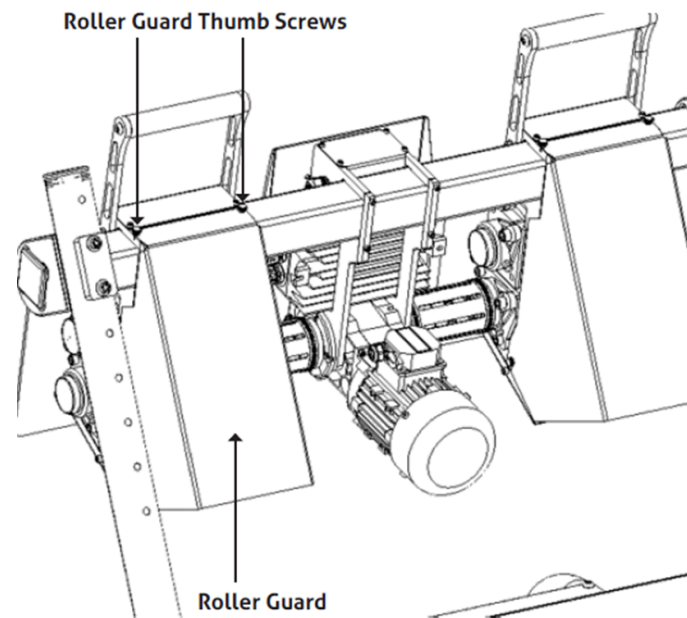
Depending on the material being processed and the frequency of use, the holes and tubes of the bucking plates may need to be cleaned. Additionally resin may build up on the rollers over time requiring cleaning.

## INDICATIONS THAT MACHINE REQUIRES CLEANING

1. Reduced bucking quality.
2. Visible build-up of material on the bucking plate which obscure the holes or tubes. Visible evidence of material on the rubber rollers.
3. Excessive noise (machine should run quietly so that you may converse normally when it is running)

## DISASSEMBLE FOR CLEANING

1. **Shut off motor.**  
Unplug power cords.
2. **Release tension on the rubber rollers**  
Pull roller handle down into the horizontal position
3. **Remove roller guard**  
With motor off, power cords unplugged loosen and remove the two thumb screw on top of the roller assembly.  
Pull roller guard up and away from roller assembly.



# CLEANING

**NOTICE** For best results use hot water whenever possible. The rubber rollers are rated for up to 150 degrees Fahrenheit. When using a hot water pressure washer do not exceed 150 degrees Fahrenheit.

**NOTICE** To clean the rubber rollers use either a standard household dish soap or denatured alcohol. Immediately following the use of either cleaning agent, rinse rollers thoroughly with water to remove cleaner.

Do Not select any other degreaser or cleaner as it that it may damage the rubber rollers or any painted or anodized components of the buck- er. Always follow the operating instructions provided with the pressure washer.

**NOTICE** If you choose to use a pressure washer take care not to damage the buck- er's finish by holding the nozzle excessively close to the machine or by focusing the spray onto the motor or controller. A distance of 3 feet or greater is recommended.

## PRESSURE WASHER CLEANING

1. Using a pressure washer, spray the bucking plates of the machine until they are clean and clear of debris.
2. From a distance of at least three feet, pressure wash the roller assembly from the back. Getting closer than three feet with the pressure washer nozzle may result in damage to the rollers. If nicking or marking is occurs on the rollers, increase distance from nozzle to rollers.

## HAND CLEANING

Using warm/hot water, concentrated dish soap and a non-metallic dish scrubber, clean the buck- er plate, rollers, and other machine components by hand.

## RE-ASSEMBLY

1. Verify motor is in the Off position and power cord is unplugged.
2. Install roller guard.
  - a. Place roller guard on lower thumb screws on the bottom of the roller as assembly.
  - b. Align holes on top of roller assembly and install thumb screws on top of roller assembly.

# TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	CORRECTION
<b>ELECTRIC MOTORS WILL NOT START OR HAVE LOW POWER</b>	Emergency Stop is Depressed	If emergency stop button has been activated follow the reset instruction on page 9.
	No electric power from the outlet	Plug buckler into a functional electrical outlet.
	Rollers experiencing excess friction	Rollers may be dirty or jammed. Clean roller assembly and check for jams.
	Outlet is overloaded	Check that breaker is not overloaded and has not tripped. If tripped, switch plug to a different circuit.
	Extension cord is faulty	Check that extension cord, if used, is rated appropriately for the distance and current. Do NOT use a longer cord unless the wire size is larger. Undersized extension cords may cause an under-voltage, over-current condition which could damage or destroy the drive motor and void the motor warranty.
	Over-current circuit has been exceeded	<p>Determine the cause of the excessive circuit resistance which may include: overloaded outlet, faulty extension cord, bad outlet, underrated generator, excessively dirty machine, incorrectly tensioned shear band or an obstruction between the drum or reel and another part of the machine.</p> <p>Once the source of the resistance has been identified and re-solved, reset the circuit by pressing the small button on the control panel for 3 seconds then operate the machine normally.</p>

PROBLEM	POSSIBLE CAUSE	CORRECTION
<b>MATERIAL OBSTRUCTION/JAMS IN MACHINE</b>	Roller Wheels are slipping	Reverse roller speed direction and eject plant material. If this fails to correct the problem, turn off and unplug the machine. Pull down the roller handle to release tension on the rollers. Manually remove the plant material.
	Material is not being pulled through machine.	Verify that the Roller handel is in the vertical position and that the roller wheels are engaged with one and other.
<b>BUCKING QUALITY HAS DECREASED</b>	Rollers or bucking plates are excessively dirty	Clean rollers and bucking plates.
<b>MACHINE MAKES A LOUD SCRAPING, CLICKING, OR THUMPING SOUND</b>	Rollers or bucking plates are excessively dirty	Clean rollers and bucking plates.
	Rollers have a flat spot	Rubber rollers can become flat over time if pressure is not released. If this occurs the rollers will make a thumping and slight banging sound. To correct run machine at a low speed until thumping dissipates. Do not buck any product until rollers have returned to round.
<b>ROLLERS DO NOT PULL</b>	Drum and Shear Band are excessively dirty	Clean Drum and Shear band; excessive plant material has built up on these surfaces and is causing excess friction.