



**GREENBROZ**

TRUE TO THE CROP



**SORTER**

USER MANUAL

GreenBroz.com

# UNPACKING & INSTALLATION

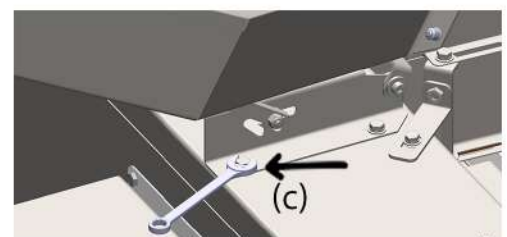
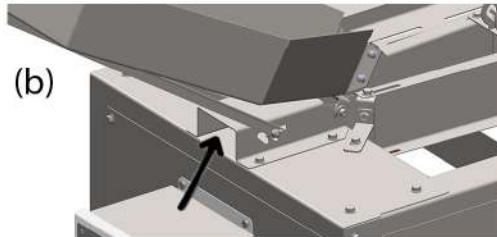
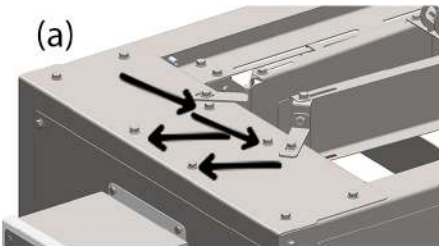
Please read through the following information before using your machine for the first time. All parts noted in this manual will be included with your machine, unless otherwise noted.

## UNPACKING

1. Start by cutting the banding that is wrapped around the GreenBroz shipping crate.
  - Please use caution when cutting the banding. The banding is under tension.
2. Remove the top and side panels of the shipping container.
3. Cut machine anchor banding.
4. Remove *hopper* and *dividers*.
  - Refer to installation instructions.
5. Remove machine from the GreenBroz shipping crate.
  - Please use proper lifting techniques to avoid injury.

## HOPPER INSTALLATION

1. Remove the (a) top bolts from the top of the machine on the input end.
2. Position the (b) hopper mount holes to align with the holes on the machine.
3. Insert the hardware and tighten.



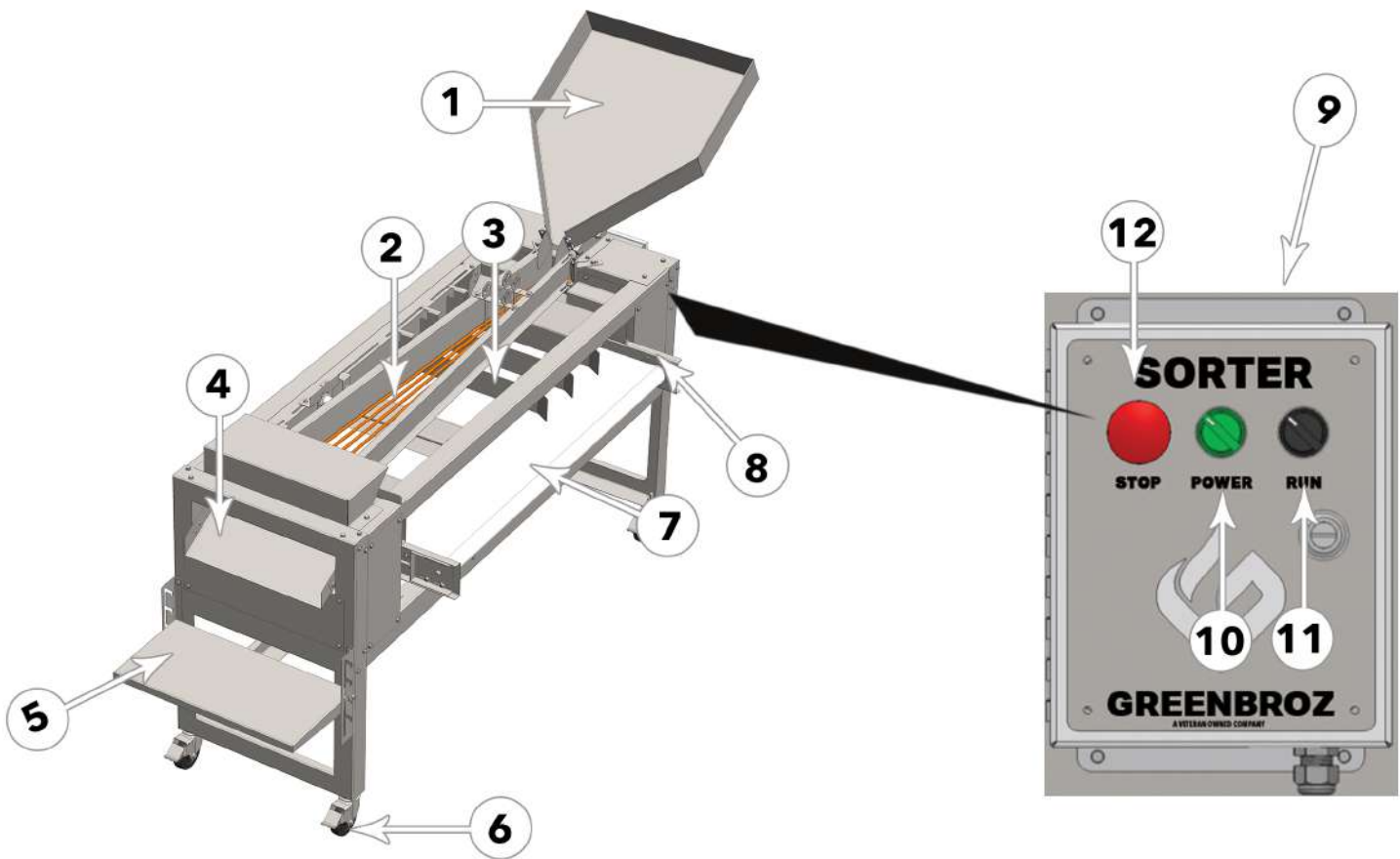
## DIVIDER INSTALLATION

1. Slide the dividers just above the conveyor belt and below the machine frame.
2. Each end of the divider has tabs that fit inside the slots of the frame.
3. Move dividers to desired positions.

## START UP PROCEDURES

1. Ensure all switches are in the OFF position.
2. Ensure the E-Stop is released.
3. Plug machine power cord into proper power source.
4. Position dividers to desired locations.
5. Position catch bins in desired locations under the conveyor (not included).
6. Position trim catch bin under conveyor (not included).
7. Turn the main power switch on.
8. Turn motor / conveyor belt on.

# MACHINE PARTS



1. Hopper : Feeds your flower into the belt drive area.
2. Round Belts / Bands : Moves and separates the size of your flower.
3. Dividers : Separates different size flower onto the conveyor belt.
4. Exit Ramp : Allows the largest flowers to exit the belt area.
5. Adjustable Overflow Shelf : Placing a bin here will catch the largest flowers.
6. Locking Caster Wheels : 4x swivel / locking caster wheels.
7. Conveyor Belt : Moves sorted flowers into seperate bins. (Conveyor Speed : 20 RPM)
8. Trim Shoot : Placing a bin here will catch any extra trim.
9. Control Panel : Controls the machine functionality.
10. Main Power Switch : Turns the machine on and off.
11. Conveyor Run Switch : Starts and stops the conveyor belt.
12. **EMERGENCY STOP** : Instantly stops the Sorter.





# OPERATING | SHUT DOWN | CLEANING

## OPERATION PROCEDURE

1. Load hopper with product.
2. Sweep from hopper onto the round belts.
3. Adjust hopper angle when needed.  
(the hopper easily adjusts to a 10 or 60 degree angle.)
4. Adjust dividers and catch bins when needed.


## SHUT DOWN PROCEDURE


1. Turn "Run" switch to **OFF** position.
2. Turn main "Power" supply switch to **OFF** position.

## CLEANING PROCEDURE


1. Wipe all surfaces with alcohol and a lint free cloth.
2. With the Sorter motor **OFF**, spray alcohol onto a lint free cloth and wipe individual round belts.
  - After cleaning all reachable round belts, rotate the round belts to clean the other round belt areas still needing to be cleaned.
3. With the conveyor motor power **OFF**, clean the top surface with alcohol and a lint free cloth.
  - After cleaning all reachable conveyor belt areas, rotate the conveyor belt to clean the other conveyor belt areas still needing to be cleaned.

## DIMENSIONS | WEIGHT | SPEED

 Dimensions  
Without Hopper - 77" Long x 32" Wide x 43" Tall  
With Hopper - 109" Long x 32" Wide x 47" Tall

 Weight  
Weight : Approx. **300lbs**

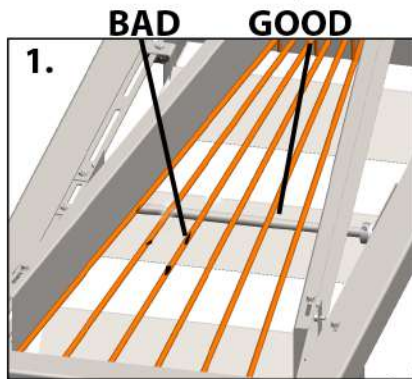
 Speed  
Conveyor Speed : 20 RPM

 Power  
Amps = .88A, Voltage = 110V, Hertz = 60hz,  
Conveyor Belt RPM=20 RPM, 90:1 ratio



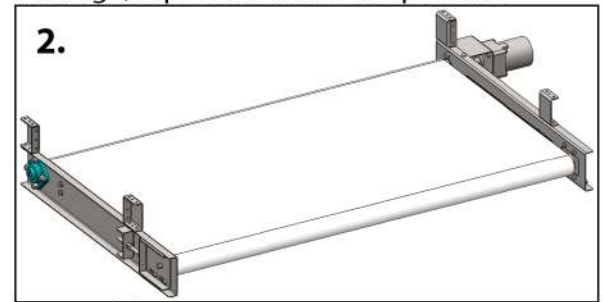
# MAINTENANCE

1. Inspect **round belts** quarterly for damage, replace if cracks are found.
2. Inspect **conveyor belt** quarterly for damage, replace if tears are found.
3. (a) Remove **motor shield\*\***, inspect **yellow conveyor motor coupler** for visible wear, replace if (b) rubber bushing appears worn or cracked. (c) Tighten coupler set screw.
4. Grease **conveyor drive bearings** quarterly.



Inspect **round belts** quarterly for damage, replace if cracks are present.

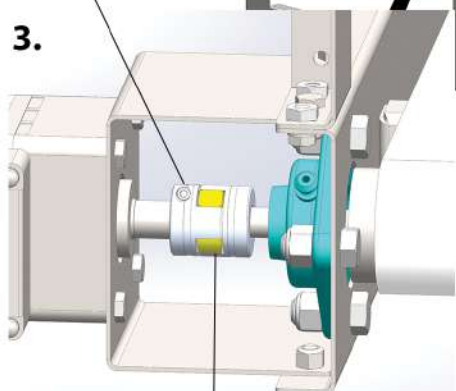
Inspect **conveyor belt** quarterly for damage, replace if cracks are present.



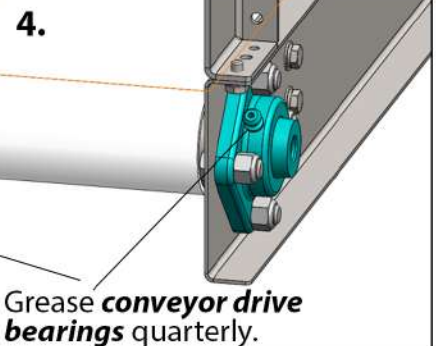
3.(a) Motor Shield

3.(c) Coupler Screw

3.



3. (b) Inspect **"yellow" conveyor motor coupler** for visible wear replace if rubber bushing appears worn or cracked.



Grease **conveyor drive bearings** quarterly.

\*\* With the exception of the motor shield, please note the images in this manual are missing the equipped safety shields.



# TROUBLESHOOTING

## 1. Machine not turning on.

- Check outlet power supply.
- Ensure **E-STOP** is released by twisting the red knob clockwise.
- Call GreenBroz technical support at 619-455-8052.

## 2. Conveyor belt not moving when motor is turning.

- Adjust conveyor idle roller brackets to increase belt tension.
- Ensure the idle roller rotates and the internal increase belt tension.
- Ensure the drive roller bearings are in operating condition and spin freely.
- Inspect motor coupler for turning.

## 3. Round belt break.

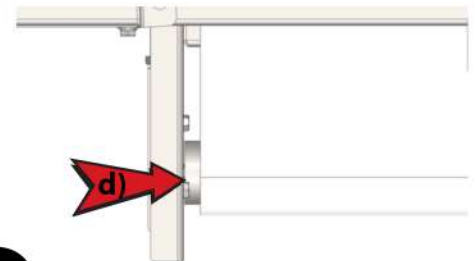
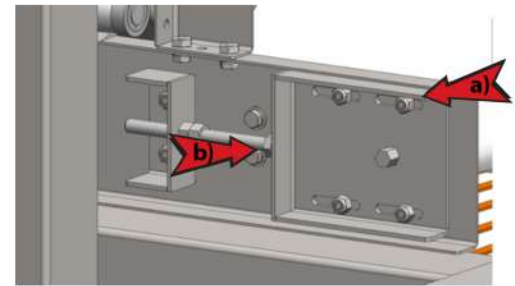
- Acquire a round belt welding kit and repair existing break.
- Unrepairable - i.e. too short from multiple repairs, sliced down the middle, or cannot be repaired with belt welding kit. (Purchase new round belt from: [shopgreenbroz.com](http://shopgreenbroz.com).)

## 4. Round belt not moving when motor turns.

- Adjust tension pulley assembly.

## 5. Conveyor Belt Slippage

- a) Loosen all 4 bolts on each side of the conveyor slide bracket
- b) Tighten the side of the conveyor belt bracket that the belt is walking towards. (5. Conveyor belt slippage)
- c) Once straightened, tighten all conveyor slide bracket bolts down.
- d) This is how the conveyor belt should be properly seated.



# WARNING



**This machine contains moving parts.**

**Long hair or loose clothing can be caught in the moving parts.  
Ensure that any loose hanging jewelry, long hair or clothing  
is away  
from the machine.**

**Ensure the machine is unplugged prior to any disassembly.**

**FAILURE TO COMPLY WITH THE ABOVE MAY RESULT IN  
SERIOUS INJURY.**

# WARRANTY REGISTRATION

**GO TO [GREENBROZ.COM](https://greenbroz.com) TO REGISTER.**

Click on the product registration page to register your products. You must register within 30 days from purchase date to activate your warranty.

UNLESS SUBPOENAED, ALL INFORMATION OBTAINED BY GREENBROZ INC. WILL BE KEPT PRIVATE AND SECURE. GREENBROZ INC. WILL NOT SHARE OR DISTRIBUTE YOUR INFORMATION WITHOUT CONSENT.

## LIMITED WARRANTY

**Products Covered:** This limited warranty is limited to GreenBroz, Inc. Sorter products manufactured by GreenBroz, Inc. (the "products") and provides that such product is free from defects in material and workmanship.

**Length of Warranty:** The length of this warranty shall be **12 months** from the date of original retail purchase of the product.

**To Qualify for this warranty:** The product must be purchased from GreenBroz Inc., or a dealer authorized by GreenBroz, Inc. to sell the products. This warranty only applies to the first retail purchaser and is not transferable to subsequent owners.

**What GreenBroz will repair or replace under warranty:** GreenBroz Inc. will repair or replace, at its option, any part that is proved to be defective in material or workmanship under normal use during the applicable warranty period. Warranty repairs and replacements will be made without charge for parts or labor. Anything replaced under warranty becomes the property of GreenBroz, Inc. All parts replaced under warranty will be considered as part of the original product and any warranty on those parts will expire coincidentally with the original product warranty. This limited warranty on those parts will expire including but not limited to: **Round Belts / Bands and Conveyor Belt.** **The obtain Warranty Service:** Contact GreenBroz, Inc. for a return authorization and instructions for warranty.

**Exclusions:** 1. Any damage or deterioration resulting from neglect of periodic maintenance as specified in any product owner's manual or any improper repair or maintenance; 2. Neglect, unauthorized alteration, modifications, misuse, incorporation of use of unsuitable attachments or parts; 3. Damage caused by dirt, pressure or steam cleaning the product, salt water, corrosion, rust, varnish, abrasives, and moisture; or 4. Any product that has ever been declared a total loss or sold for salvage by a financial institution or insurer.; 5. Damage caused by an independent third party that is not the registered owner.

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# More GreenBroz Harvesting Tools

## 215 Series

215 CannaGin Destemmer



215 Sorter



215 Dry Trimmer



215 Alchemist Trichome Extractor



## 420 Series

420 Dry Trimmer



420 Alchemist Trichome Extractor

