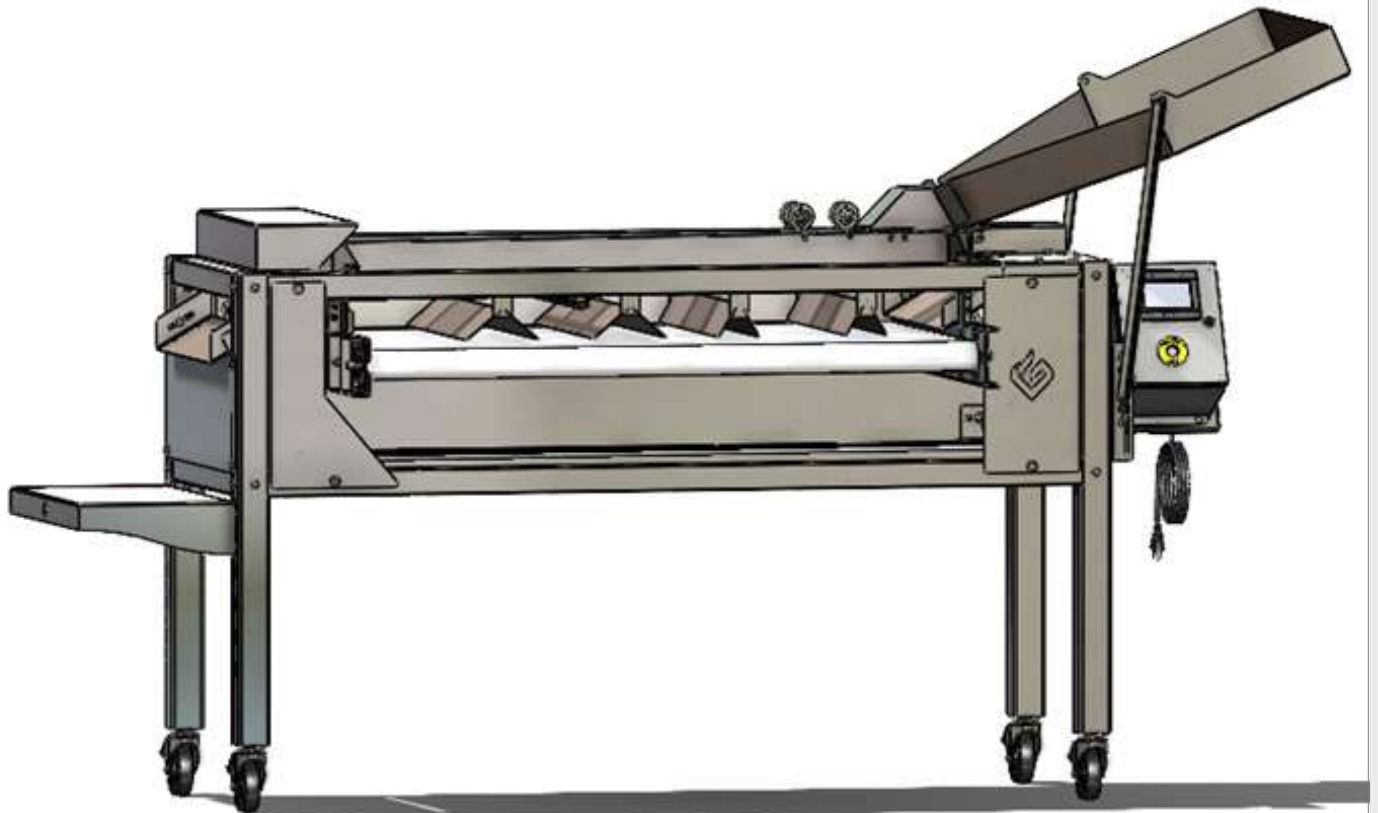




GREENBROZ



PRECISION SORTER

User Manual

GreenBroz.com

MACHINE PARTS IDENTIFIER



1. **Hopper:** Feeds your flower into the belt drive area.
2. **Round Belts/ Bands:** Moves and separates according to 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 separate bins. (Adjustable Speed 0-30 RPM)
8. **HMI Control Panel:** Controls the machine functionality.
9. **Touchscreen:** turns bands and belt on and off and controls speed.
10. **EMERGENCY STOP:** Instantly stops the Sorter.

UNPACKING & INSTALLATION

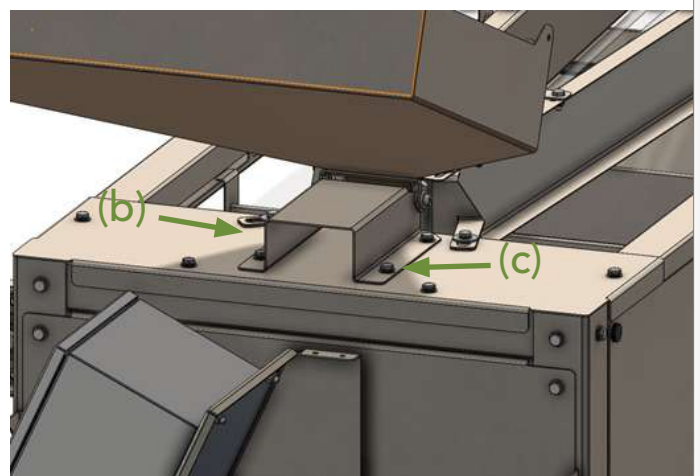
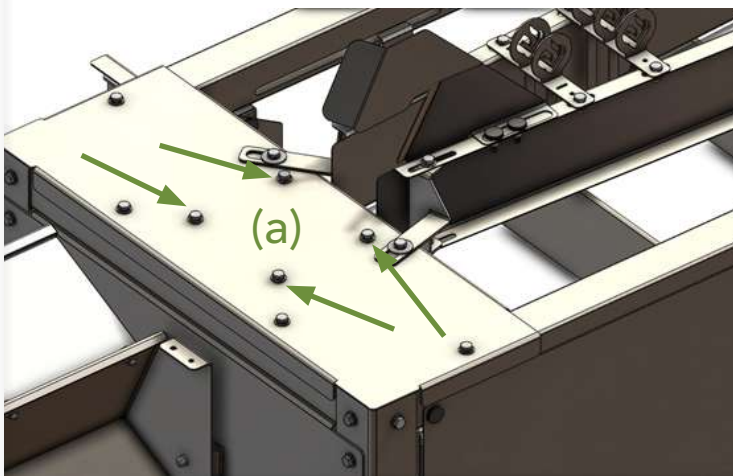
Please read through the following information before using your machine for the first time. All parts noted in this manual will be included with your machine, unless otherwise noted.

UNPACKING

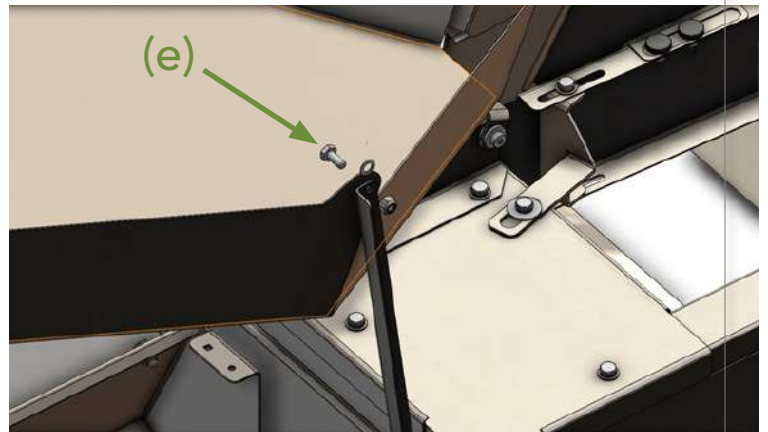
1. Start by cutting the banding that is wrapped around the GreenBroz shipping crate.
 - Please use caution when cutting the banding. The banding is under tension.
2. Remove the top and side panels of the shipping container.
3. Cut machine anchor banding.
4. Remove hopper and dividers.
 - Refer to installation 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 (c).
4. Rotate hopper adjustment brackets (d) and align with holes on hopper.
5. Remove the hardware that is attached to the end of the brackets and attach the adjustment brackets to the hopper (e). Make sure the washer is between the hopper and the adjustment bracket.



HOPPER INSTALLATION



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 the E-Stop is released.
2. Plug machine power cord into proper power source.
3. Position dividers to desired locations.
4. Position catch bins in desired locations under the conveyor (not included).
5. Tap touchscreen to begin.
6. Tap start sorting.
7. Adjust both belt and conveyor speed to your desired speeds.
8. Tap start to begin.

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 between 15-35 degrees.)
4. Adjust dividers and catch bins when needed.

SHUT DOWN PROCEDURE

1. Press STOP on the touchscreen.
2. Unplug the machine from power source.

CLEANING PROCEDURE

1. Wipe all surfaces with alcohol and a lint free cloth.
2. Isopropyl Alcohol has an adverse effect on the round belt material and can lead to premature failure. Clean individual round belts with Resin Clear (or other food safe oil) to remove buildup. Followed with a soap and water cleaning to remove remaining oil.
 - 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:

With Hopper - 103"L x 32"W x 49"H

Weight: 300lbs (136 kg)

Speed: Conveyor Speed: Adjustable 0-30 RPM

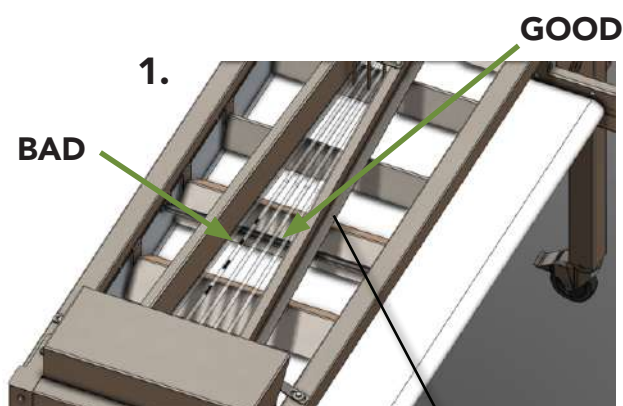
Band Speed: Adjustable 0-60 RPM

Power: Amps = 1.6A, Voltage = 110V, Hertz = 60hz



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. Remove motor shield**, tighten coupler set screws quarterly.

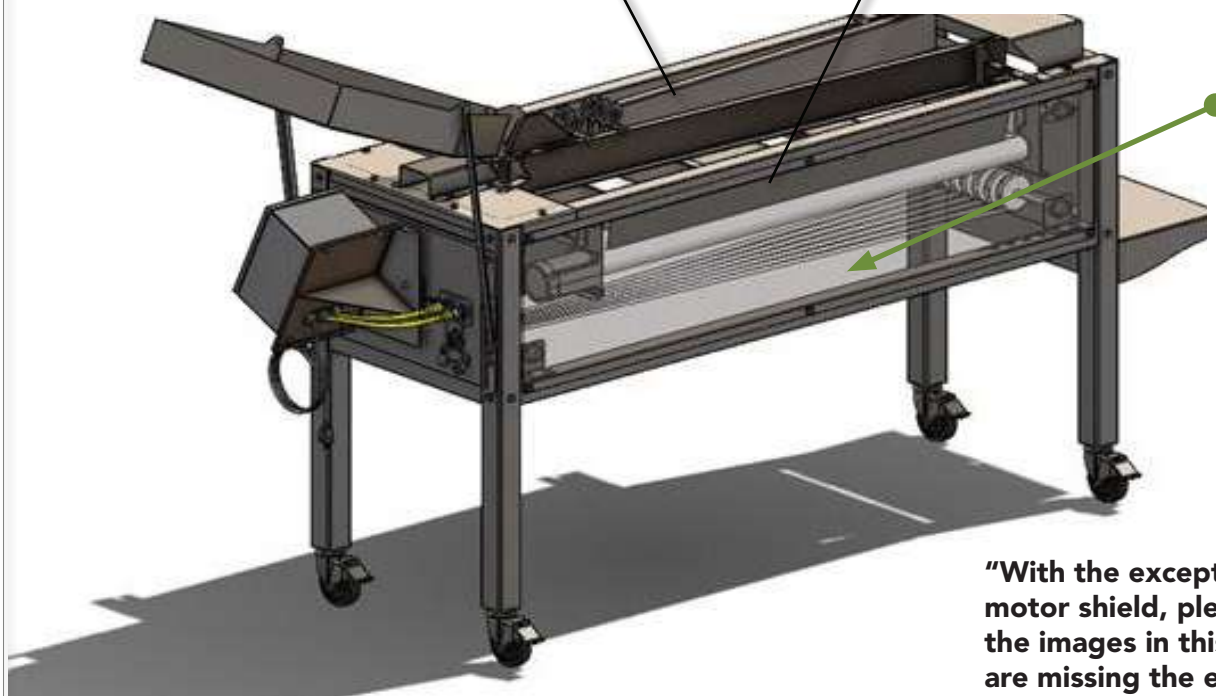


Inspect **round belts** quarterly for damage, replace if cracks are present.

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



3. Motor Shiled



"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.

3. Round belt break.

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

4. Round belts not moving when motor turns.

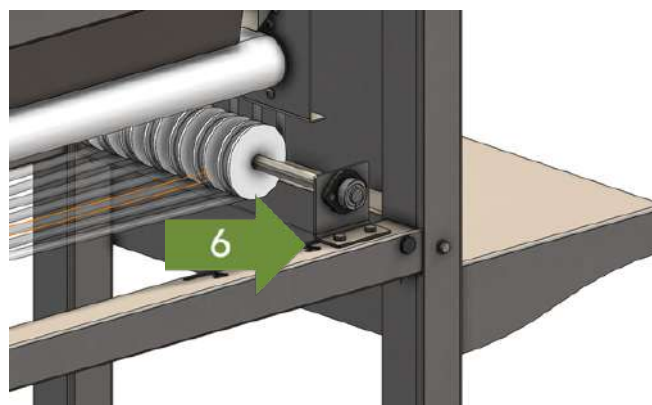
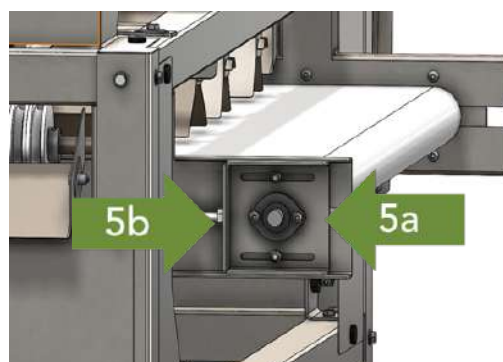
- Adjust tension pulley assembly.

5. Conveyor Belt Walking

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

6. Round Belt Slippage

- Tension the round belts using the tension bolts on the number 2 idle Roller.



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

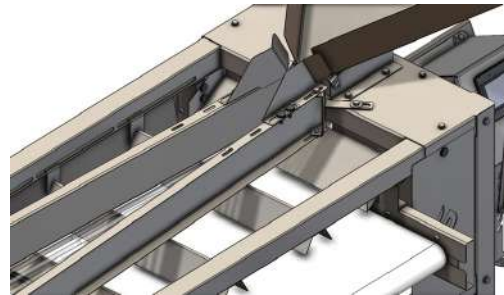
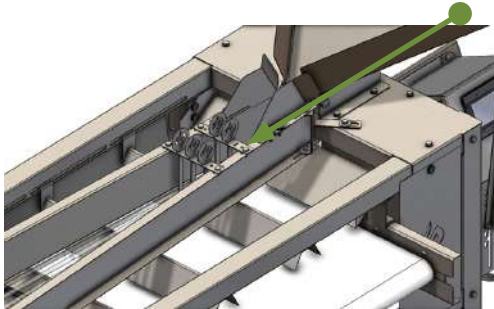


FAILURE TO COMPLY WITH THE ABOVE MAY RESULT IN SERIOUS INJURY.

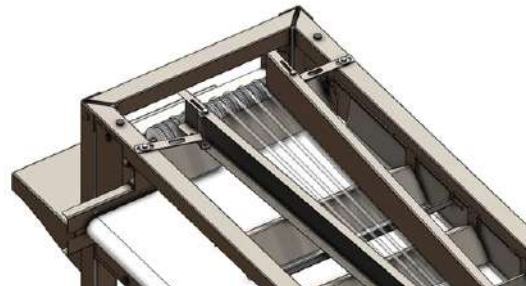
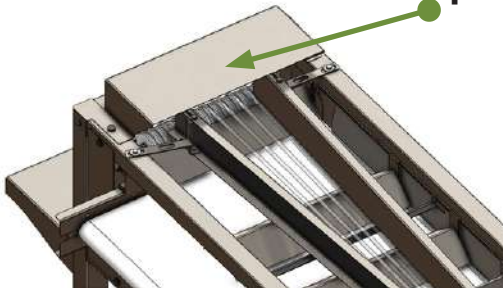
SIZE ADJUSTMENT

1. Remove both tine rail brackets.
2. Remove top exit safeguard.
3. Remove guide bracket bolt hardware.
4. Move guide brackets to inside slot and place hardware back in. Do not tighten all the way down.

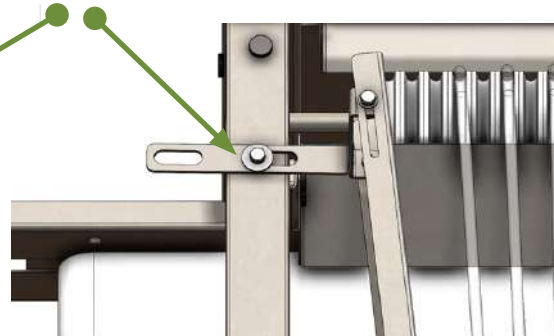
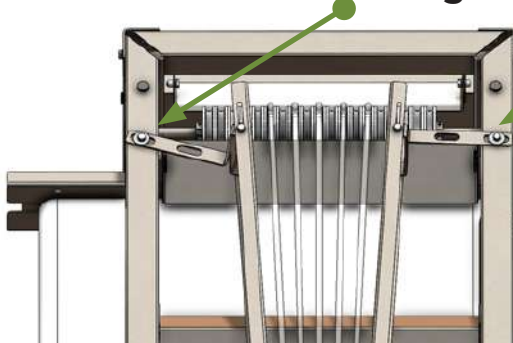
1. Remove tine rail brackets.



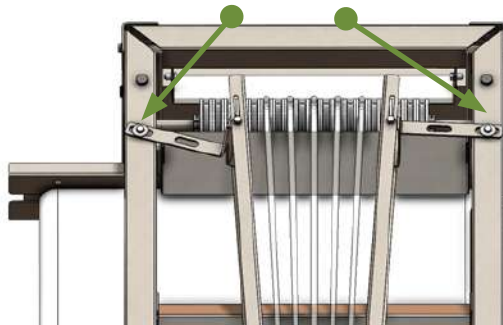
2. Remove top exit safe guard.



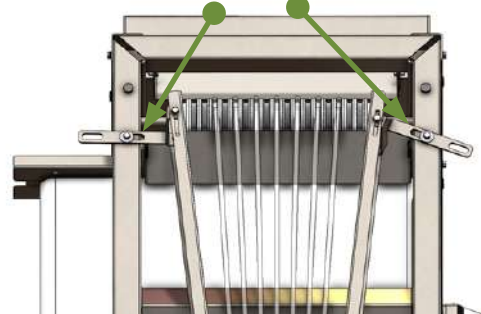
3. Remove guide bracket hardware.



4. Before



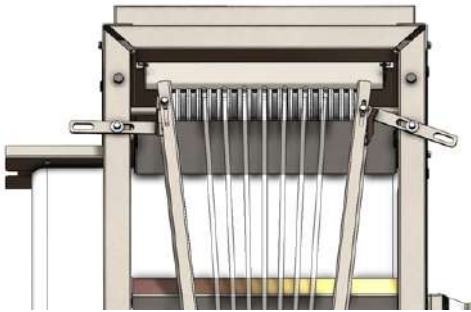
After



SIZE ADJUSTMENT

5. Spread clear bands to desired size (skip two pulleys between bands).
6. Align guide rails with outside band and tighten guide brackets down.
7. Re-Install top exit safeguard.
8. Re-Install large set of tine rails with tines (Larger tine set included with purchase).

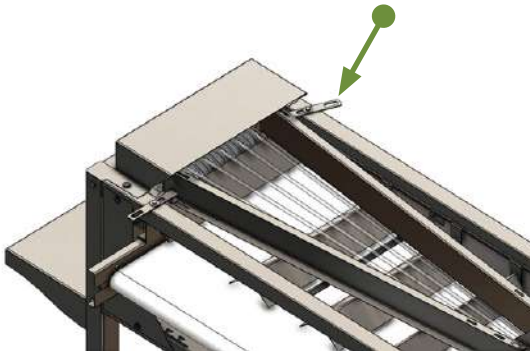
5. Before



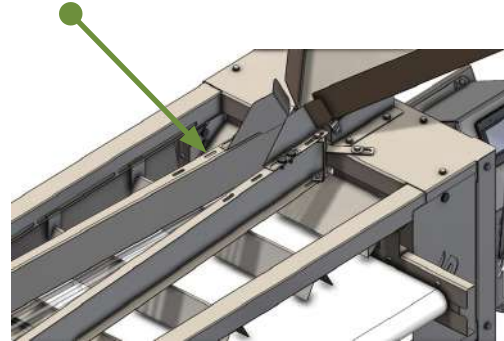
After



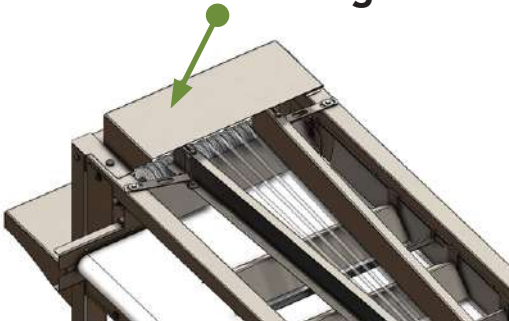
6. Guide Brackets



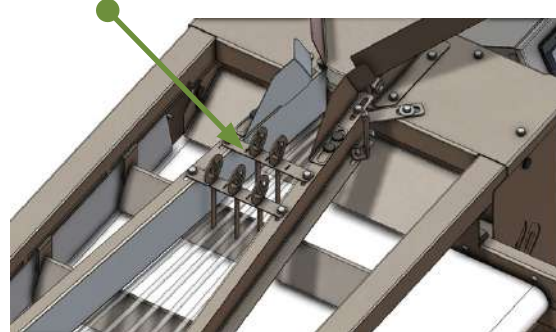
Guide rails.



7. Re-install exit safe guard.



8. Re - install tine rails with tines.



WARRANTY REGISTRATION

GO TO GREENBROZ.COM TO REGISTER.



Click on the product registration page to register GreenBroz products. You must register within 30 days of product receipt 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. Rise Conveyor 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 36 months from the product receipt date.

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.

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.

Disclaimer of Consequential Damage and Limitations of Implied Warranties: This limited warranty is in lieu of all other expressed or implied warranties, including any warranty of FITNESS FOR A PARTICULAR PURPOSE OR USE and any implied warranty of MERCHANTABILITY otherwise applicable to this product. GreenBroz, Inc. disclaims any responsibility for loss of time or use of the product, transportation, commercial loss, or any other incidental or consequential damage, including lost profits. There are no warranties extended other than as provided herein. This limited warranty may be modified only by GreenBroz, Inc.





GREENBROZ

CALIFORNIA PROPOSITION

⚠ 65 WARNING ⚠

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

ADVERTENCIA: Este producto contiene productos químicos reconocidos por el estado de California que provocan cáncer, defectos de nacimiento u otros daños reproductivos.

For more information:
www.P65Warnings.ca.gov

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• WAREHOUSE TOURS • MACHINE DEMOS • MEET OUR TEAM •

Contact us to book a tour of GreenBroz HQ in Las Vegas, home of the world's first post-harvest equipment showroom. Talk to our experts, see our machines in action, and learn how our 'Made in the USA' ethos translate into beautifully crafted, purpose-built machines.

*Visit **GreenBroz.com/Contact** to book your tour today!*





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